2025 SEMI-ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

Plant Bowen
Cells 1-10
Solid Waste Disposal Facility
Permit No. 008-018D (CCR)

August 29, 2025

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2025 Semi-Annual Groundwater Monitoring and Corrective Action Report
Plant Bowen Landfill Cells 1-10

CERTIFICATION STATEMENT

This 2025 Semi-Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Company - Plant Bowen Solid Waste Disposal Facility Landfill Cells 1-10 has been prepared in compliance with the United States Environmental Protection Agency Coal Combustion Residual Rule [Title 40 Code of Federal Regulations (40 CFR) 257 Subpart D, specifically § 257.90(e)] and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 by a qualified groundwater scientist or engineer with Stantec Consulting Services Inc. I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management 391-3-4-.10.

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August 29, 2025
Date

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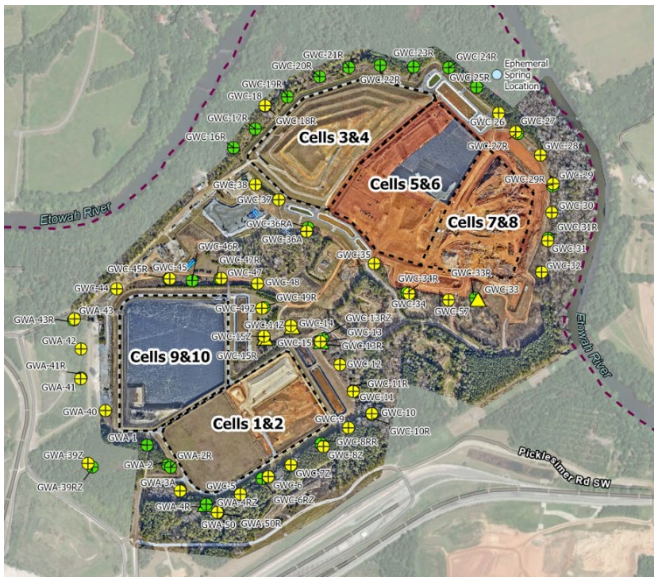
Date

Executive Summary

This summary of the *2025 Semi-Annual Groundwater Monitoring and Corrective Action Report* provides the status of the groundwater monitoring and corrective action program from January through June 2025 at the Georgia Power Company (Georgia Power) Plant Bowen Landfill Cells 1-10 (the Landfill or the Site). This summary was prepared by Stantec Consulting Services Inc. (Stantec) on behalf of Georgia Power to meet the requirements listed in Part A, Section 6[1] of the United States Environmental Protection Agency (US EPA) coal combustion residuals (CCR) rule Title 40 Code of Federal Regulations (40 CFR) 257 Subpart D (CCR Rule) and the Georgia Environmental Protection Division (GA EPD) Rules of Solid Waste Management 391-3-4-.10.

The Landfill is located in Bartow County off State Highway 113, approximately seven miles west-southwest of Cartersville, Georgia and 20 miles southeast of Rome, Georgia. The Landfill receives coal combustion by-products, coal ash, and gypsum from coal power generating processes at Plant Bowen. The landfill cells are lined in accordance with Permit No. 008-018D (CCR). Gypsum placement in disposal Cells 1 & 2 began in November 2008, whereas ash placement in disposal Cells 3 & 4 began in February 2015. Waste placement operations were initiated in Cells 9 & 10 in November 2015.Waste placement operations for Cells 5 & 6 were initiated in April 2025 and Cells 7 & 8 have been cleared for Landfill expansion. The Site is located on the northeastern portion of the Plant Bowen property.



Plant Bowen Landfill Cells

The groundwater monitoring program for the Landfill is currently managed in accordance with CCR Permit No. 008-018D (CCR) approved on December 8, 2022. Groundwater at the Site is monitored using a groundwater monitoring system of wells installed to meet federal and state monitoring requirements. Groundwater monitoring, in accordance with the previous Georgia Solid Waste Permit No 008-018D (LI), began in 2007 prior to disposal activities and continues to date under the 2024 CCR Permit Groundwater Monitoring Plan (GWMP). Routine sampling and reporting for CCR Rule Appendix III constituents began after the background groundwater conditions were established between February 2016 and August 2017 for Cells 1 & 2, 3 & 4, and 9 & 10. Additional wells were installed in support of the expansion of Cells 5–8 in April–May of 2023, and background groundwater sampling for the new wells began in June 2023 in accordance with § 257.94. During the reporting period, a ninth and final background sampling event was conducted in March 2025 for Cells 5-8, more than the required eight minimum baseline sampling events in accordance with the GWMP.

[1] 80 FR 21468, Apr. 17, 2015, as amended at 81 FR 51807, Aug. 5, 2016; 83 FR 36452, July 30, 2018; 85 FR 53561, Aug. 28, 2020

During the 2025 semi-annual reporting period, one groundwater sampling event was conducted in February-March 2025 for Cells 1 & 2, 3 & 4, and 9 & 10. Groundwater samples collected at Cells 1-10 were submitted to Pace® Analytical Services, Inc. (Pace), for analysis of Appendix III parameters[2]. Per the CCR Rule, the groundwater analytical results were evaluated in accordance with certified statistical methods. Verified Appendix III constituents with statistically significant increases (SSIs) are provided in the table below and are addressed by the April 19, 2018 Alternate Source Demonstration (ASD).

Appendix III Constituents (SSIs)	February 2025
Calcium	GWC-16R, GWC-17R

Based on review of the Appendix III statistical results completed for the groundwater monitoring and corrective action program in 2025, the Landfill will continue in detection monitoring.

[2] Boron, calcium, chloride, fluoride, pH, sulfate, and total dissolved solids (TDS)

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Acronyms / Abbreviations

40 CFR	Title 40 Code of Federal Regulations
ASD	Alternate Source Demonstration
CCR	Coal Combustion Residuals
CCR Rule	Title 40 Code of Federal Regulations 257 Subpart D
cm/sec	centimeters per second
DO	Dissolved Oxygen
ft/day	feet per day
GA EPD	Georgia Environmental Protection Division
Georgia Power	Georgia Power Company
GSC	Groundwater Stats Consulting, LLC
GWMP	Groundwater Monitoring Plan
Landfill or Site	Plant Bowen Landfill Cells 1-10
mg/L	milligrams per liter
NAD83	North American Datum of 1983
NAVD88	North American Vertical Datum of 1988
NELAP	National Environmental Laboratory Accreditation Program
NTU	Nephelometric Turbidity Unit
ORP	Oxidation-Reduction Potential
Pace	Pace® Analytical Services
QA/QC	Quality Assurance/Quality Control
SCS	Southern Company Services
SSI	Statistically Significant Increase
Stantec	Stantec Consulting Services Inc.
TDS	Total Dissolved Solids
Unified Guidance	*Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities,* Unified Guidance

US EPA	United States Environmental Protection Agency

1 Introduction

This *2025 Semi-Annual Groundwater Monitoring and Corrective Action Report* has been prepared by Stantec Consulting Services Inc. (Stantec) on behalf of Georgia Power Company (Georgia Power) to document groundwater monitoring activities conducted from January through June 2025 at Georgia Power's Plant Bowen solid waste disposal facility Cells 1-10 (Landfill or Site). The groundwater monitoring activities were conducted to comply with the current coal combustion residuals (CCR) Permit No. 008-018D (CCR), approved by the Georgia Environmental Protection Division (GA EPD) on December 8, 2022, and in accordance with the United States Environmental Protection Agency (US EPA) CCR Rule Title 40 Code of Federal Regulations (40 CFR) 257 Subpart D (CCR Rule) and the GA EPD Rules of Solid Waste Management 391-3-4-.10. This report satisfies the reporting requirements of applicable GA EPD Solid Waste Management Rules (391-3-4-.10) and federal CCR Rule 40 CFR 257.90(e).

1.1 Site Description and Background

The Plant Bowen Landfill is a Georgia Power-owned property located in Bartow County off State Highway 113, approximately seven miles west-southwest of Cartersville, Georgia, and 20 miles southeast of Rome, Georgia (Figure 1). The Landfill is approximately 300 acres located on a previously undeveloped, contiguous portion of the plant property. The Landfill is located on the northeast portion of the Plant Bowen property. The Landfill receives coal combustion by-products, coal ash, and gypsum from coal power generating processes at Plant Bowen. The landfill cells are lined in accordance with Solid Waste Permit No. 008-018D (CCR). Cells 3 & 4 and 9 & 10 have a leachate collection system. Gypsum placement in disposal Cells 1 & 2 began in November 2008, whereas ash placement in disposal Cells 3 & 4 began in February 2015. Waste placement operations were initiated in Cells 9 & 10 in November 2015. In 2020, GA EPD approved the placement of waste following a retrofit of Cells 9 & 10 with a leachate collection system. Cells 9 & 10 are used to store bottom ash. Development of Cells 5 & 6 and 7 & 8 began with land clearing, installation of monitoring wells, and construction of Cells 5 & 6, which includes a liner and leachate collection system. Monitoring well installation for landfill cells 5 & 6 and 7 & 8 was completed in May 2023 and has been followed by nine background groundwater sampling events through March 2025, per the site permit. In late April 2025, active placement of waste was initiated in Cells 5 & 6.

1.2 Regional Geology and Hydrogeologic Setting

The regional geology and hydrogeology of the Plant Bowen Landfill area are summarized below. The Site lies within the Valley and Ridge physiographic province about three to four miles north of the Cartersville Fault. The Cartersville Fault separates the late Precambrian-aged metamorphic rocks to the east and south from the Cambrian-aged sedimentary rocks to the north-northwest and west. Two main geologic layers are present at the Site: overburden (residuum clay and partially weathered rock), and carbonate bedrock (dolomite and limestone).

As described in the Composite Site Acceptability Report for CCR Landfill Permit (Georgia Power 2022), the lithologies present in the landfill area of Plant Bowen from the ground surface to depth are terrace deposits, a residuum clay overburden, dolomite, and limestone bedrock. The Knox Group (dolomite and limestone bedrock) produces a characteristic orange to red clayey residuum (overburden soil) that ranges in thickness from 19 to 127 feet across the Site and often contains weathered chert and dolomite

fragments. Silt and clay with some gravel and sand (terrace deposits) overlay the clayey residuum in some areas but are not continuous across the landfill area of Plant Bowen.

The uppermost aquifer for groundwater monitoring purposes is unconfined and, depending on the variability of weathering characteristics, the groundwater surface may occur in the overburden or carbonate bedrock. The water table commonly occurs in the overburden, but at some locations the water table is near the overburden-bedrock interface or in the upper fractured bedrock. Based on these data and field observations, it is assumed that the overburden and upper fractured bedrock are a single, interconnected water bearing zone below the unsaturated overburden. Overburden materials are heterogeneous ranging in composition from well-graded gravelly sand to fat clay. Bedrock underlying the Site (officially mapped as Knox undifferentiated) is a carbonate bedrock (limestone and dolomite). The local karst geology features massive limestone and dolostone beds with chert, calcite, and fractures and void spaces that were observed during well installation activities. Karst features within the underlying carbonate bedrock are predominately formed along initial discontinuities including joints, fissures (slots), fractures, and bedding planes or other linear features. These karst features may be partially or completely filled with soft unconsolidated solids or may be empty or filled with water. The top of the karst features is usually identified as having a thin zone of weathered carbonate bedrock. The karst features are primarily vertically oriented and generally infilled where present.

1.3 Groundwater Monitoring System

The existing groundwater monitoring system meets the requirements listed in § 257.91 and 391-3-4.10. A groundwater monitoring system was installed at the Landfill that consists of a sufficient number of wells installed at appropriate locations and depths to yield groundwater samples from the uppermost aquifer to represent the groundwater quality both upgradient of the unit (i.e., background conditions) and passing the waste boundary of the unit. The number, spacing, and depths of the groundwater monitoring wells were selected based on the characterization of site-specific hydrogeologic conditions.

A subset of the wells is equipped with data loggers and telemetry systems for water level measurements and data transmission for real-time monitoring of groundwater levels in the subsurface karst geology.

The locations of the monitoring wells included in the groundwater monitoring system are presented on Figure 2. Well construction details are listed in Table 1.

2 Groundwater Monitoring Activities

The following sections describe monitoring-related activities performed from January through June 2025. Samples were collected in February-March from each of the wells at Landfill Cells 1-10, except for groundwater wells GWC-34 and GWC-34R, which were not sampled due to localized flooding. Drainage improvements are currently being evaluated to prevent future flooding of these wells. The groundwater monitoring system is shown on Figure 2. A verification sampling event was conducted in May 2025 for mercury and selenium at GWC-48. A final background sampling event for the wells installed in April and May 2023 at Landfill Cells 5-8 was completed in March 2025. The eighth background monitoring event for GWC-34 and GWC-34R was completed at the end of the previous reporting period, thereby fulfilling the permit requirements. Table 2 presents a summary of the 2025 groundwater sampling events completed for the Landfill during this monitoring period.

2.1 Monitoring Well Installation and Maintenance

Monitoring wells are inspected semi-annually to determine if repairs or corrective actions are necessary to meet the requirements of the Georgia Water Well Standards Act (O.C.G.A. § 12-5-134(5)(d)(vii)). In February 2025, monitoring wells were inspected. Localized flooding was noted for GWC-34 and GWC-34R and standing water was noted for GWC-48. Drainage improvements to the area of GWC-48 were completed in June 2025 to prevent standing water near the well pad. Drainage improvements in the area of GWC-34 and GWC-34R are expected to be completed in 2025 to prevent future flooding of the well pads. The well inspection forms and drainage improvement memorandum for GWC-48 are included in Appendix A.

At the request of GA EPD, in a letter dated June 2, 2025, Georgia Power submitted a proposed well installation workplan for 2 additional wells to evaluate high hydraulic conductivities at GWC-25R and GWC-31R. Additionally, one well (GWC-58) was proposed to the southeast of Cells 7 & 8 to support the detection monitoring network. The letter was revised and submitted August 8, 2025 with a milestone schedule and PE-stamped proposed well installation map. Well installation reports documenting the installation of these wells will be provided to GA EPD under separate cover as described in the GWMP.

2.2 Detection Monitoring Program

Groundwater monitoring began in 2007 in accordance with previous Georgia Solid Waste Permit No. 008-018D (LI), prior to disposal activities, and continues to date under the current CCR Permit No. 008-018D (CCR). Groundwater monitoring and reporting activities, conducted in accordance with § 257.90 through § 257.94 of the federal CCR Rule, were initiated in 2016. Pursuant to § 257.94(b), eight baseline sampling events were conducted from February 2016 to August 2017 at Cells 1 & 2, 3 & 4, and 9 & 10, with the initial detection monitoring event occurring in September–October 2017. Pursuant to § 257.94(b), a total of eight to nine baseline sampling events were conducted from June 2023 to March 2025 at Cells 5 & 6 and 7 & 8. With the onset of waste placement in Cells 5 & 6 in April 2025, the initial detection monitoring event is anticipated to occur in August 2025.

Georgia Power currently monitors groundwater associated with the Landfill Cells 1 & 2, 3 & 4, and 9 & 10 under the detection groundwater monitoring program in accordance with § 257.94 and Solid Waste

Management Rule 391-3-4-.10(6). The semi-annual detection monitoring event occurred in February-March 2025. Groundwater samples were collected from monitoring wells in the groundwater monitoring system (Figure 2) and analyzed for:

- CCR Rule Appendix III constituents.
- A state-modified Appendix I list of detection constituents according to the approved *Plant Bowen Coal Combustion Residuals (CCR) Landfill Groundwater Monitoring Plan Rev. 1 (GWMP)* (Stantec Consulting Services, Inc. [Stantec, 2024a]). The analyte list includes antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc.
- Field parameters recorded during sampling, including pH, temperature, turbidity, dissolved oxygen (DO), specific conductance, and oxidation-reduction potential (ORP).

Background sampling in accordance with § 257.94 for the monitoring wells at Cells 5 & 6 and 7 & 8 occurred in March 2025. The background groundwater samples were collected and analyzed for the constituents listed above. The eight minimum baseline sampling events have been completed for Cells 5 & 6 and 7 & 8 in accordance with the GWMP.

2.3 Additional Sampling and Analyses

An ephemeral spring at the Site, shown on Figure 2, is checked for water during each groundwater sampling event. The spring was not expressing water during the February-March 2025 sampling event; therefore, no sample was collected.

In addition to routine Appendix I and CCR Rule Appendix III constituents, groundwater samples from the February-March 2025 semi-annual event were analyzed for alkalinity, major cations (magnesium, sodium, potassium), iron, and manganese. The chemical composition of groundwater based on major ion chemistry data will be used to evaluate groundwater quality. Results are included in laboratory reports discussed in Section 3.5.

3 Sample Methodology & Analyses

The following section presents a summary of the field sampling procedures that were implemented and the groundwater sampling results that were obtained in connection with the detection monitoring program conducted from January through June 2025.

3.1 Groundwater Elevation Measurements and Flow Direction

Prior to each sampling event, groundwater levels were recorded at each accessible monitoring well and piezometer at the Landfill. The calculated groundwater elevations for the February 2025 gauging event are presented in Table 3.

The groundwater elevation data from February 2025 were used to develop a potentiometric surface elevation contour map (Figure 3). Review of Figure 3 shows that groundwater elevations vary between landfill cells due to topographic variations. Groundwater elevations are similar between the overburden and the upper bedrock at most onsite locations indicating hydraulic communication between the saturated overburden and upper bedrock.

The general direction of groundwater flow in the overburden of Landfill Cells 1 & 2 and 9 & 10 area is to the northeast, and to the north-northeast for bedrock. Overburden and bedrock groundwater generally flows toward the Etowah River to the north, east, and south-east of the Site with semi-radial flow from Cells 3 & 4, 5 & 6, and 7 & 8. Observed groundwater elevations are consistent with previous observations.

3.2 Groundwater Gradient and Flow Velocity

The groundwater flow velocity at the Site was calculated using a derivation of Darcy's Law. Specifically,

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

Where:

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

$K =$ Average horizontal hydraulic conductivity of the aquifer $\left(\frac{feet}{day}\right)$

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

$n_e =$ Effective porosity

The general groundwater flow velocity that was calculated for the Site is based on hydraulic gradients estimated from February 2025 groundwater level measurement data. Information used for the calculations is provided in Table 4. Average hydraulic conductivity values were based on previous slug test data. An estimated effective porosity of 0.01 (based on default soil type value for silty clays to clays in US EPA 530/SW-89-031 [US EPA, 1989]) for the screened horizon was used. The sitewide geometric mean for hydraulic conductivity was used to calculate the horizontal groundwater flow rates at the Site

(4.8×10^{-5} centimeters per second [cm/sec] = 0.136 feet per day [ft/day]) was presented in the GWMP (Stantec, 2024a) and recently updated in the Summary of Geologic and Hydrologic Conditions report (Stantec, 2024b). Results for groundwater flow velocities range from approximately 0.002 to 0.38 ft/day (Table 4).

Groundwater flow in the Knox Dolomite Formation, underlying the Site, occurs in joints, fractures, bedding planes, and solution channels (Croft, 1963). These pathways can facilitate relatively higher groundwater flows in the upper fractured bedrock. However, the flow rates noted in the wells screened in the upper fractured bedrock (Table 4) also suggest an abundance of residual clays in the zone where the top of the carbonate bedrock is weathered.

3.3 Continuous Water Level Monitoring (Hydrogeologic Monitoring)

Georgia Power continuously monitors groundwater level fluctuations in accordance with the GWMP (Stantec, 2024a). The hydrogeologic monitoring network provides water level data, which are evaluated for changes in subsurface hydrologic conditions. The hydrogeologic data are evaluated weekly and reported semi-annually.

3.3.1 HYDROGEOLOGIC MONITORING NETWORK

Hydrogeologic monitoring locations for Cells 1-10 were selected following analysis of the interim data and review of historical groundwater elevations and potentiometric surface maps. Across the landfill cells, there are a total of 37 wells as of June 7, 2025, that are currently equipped with transducers for monitoring water levels.

For the hydrogeologic monitoring network, Georgia Power utilized In-Situ VuLink® telemetry system relaying data to an In Situ® database website (HydroVu®) where the telemetry data are stored and compiled. Each Level Troll 500 transducer was deployed in a monitoring well at a fixed depth. Groundwater levels were recorded multiple times daily from each well transducer, and each transducer was programmed to record fluctuations in water levels of ± 0.5 foot occurring within four-hour recording schedules. The telemetry system relays water level data via satellite to a central data storage unit that can be accessed in real-time over the internet; whereby, the data can be checked for anomalous groundwater level fluctuations. Groundwater elevations, along with the river stage elevations and rainfall data, recorded between December 7, 2024, and June 6, 2025, are provided in a monitoring report for the landfill cell units in Appendix B: Solid Waste Disposal Facility Permit No. 008-018D (CCR) Hydrogeologic Monitoring Program.

During the reporting period, transducers from wells GWA-36A, GWA-39Z, GWC-10R, GWC-11R, GWC-13R, GWC-16R, GWC-18, GWC-27, GWC-27R, GWC-33R, GWC-34, GWC-34R, GWC-47, GWC-47R and GWC-49Z/GWC-48 had minor issues with the telemetry systems and data upload. Southern Company Services (SCS) staff corrected these issues, and data logging and transmission has been reestablished. Details on transducer maintenance and repair are provided in Appendix B. On January 14, 2025, the transducer from GWC-49Z was removed and placed into GWC-48 to evaluate drainage in the area.

In addition to collecting transducer data, Etowah River levels data for the reporting period were obtained from an on-site transducer logging river data at a location near the river intake pumping structure and is

presented in Table 3 and Figure 3. Daily total precipitation data were obtained from a U.S. Geological Survey station gauge #02394670 on the Etowah River at Georgia Route 61.

3.3.2 HYDROGEOLOGIC MONITORING RESULTS

Over the 2025 semi-annual monitoring period from December 7, 2024, through June 6, 2025, the hydrogeologic monitoring network pressure transducers were operational and collected continuous groundwater elevation data, with the exceptions described in Appendix B and in Section 3.3.1. Table 1 in the Hydrogeologic Monitoring Report (Appendix B) lists identified data anomalies, their causes, and maintenance efforts during the monitoring period. Observed disruptions in the transducer water levels were found to be directly attributed to: (a) drawdown during sampling events, water level gauging, and well development, (b) maintenance of wells, transducers, or telemetry units, or (c) rainfall events (greater than 1.5 inches of rain). Hydrogeologic monitoring data for the 2025 semi-annual monitoring period did not show water level fluctuations or sudden decreases in groundwater elevation data attributed to subsurface changes that might be indicative of land subsidence or sinkhole formation.

3.4 Groundwater Sampling

For the 2025 semi-annual monitoring period, groundwater samples were collected during one detection monitoring event in February-March 2025 and one verification event in May 2025. One background sampling event for the wells installed at Cells 5-8 was conducted in March 2025. Sampling procedures were conducted in accordance with US EPA Region 4 Laboratory Services and Applied Science Division operating procedures (US EPA 2023, 2024). Monitoring wells were purged and sampled using low-flow sampling procedures. Dedicated or non-dedicated low-flow pneumatic bladder pumps were used to purge and sample the wells. An AquaTroll® (In-Situ® field instrument) was used to monitor and record field water quality parameters (pH, specific conductance, DO, temperature, and ORP) and a LaMotte 2020 (or similar) was used to measure turbidity during well purging to verify stabilization prior to sampling.

Groundwater samples were collected when the following stabilization criteria were met for three consecutive readings:

- pH ± 0.1 Standard Units
- Specific conductance ± 5%
- ± 0.2 mg/L or ± 10% for DO > 0.5 mg/L (whichever is greater); For DO < 0.5 mg/L, record only, no stabilization criterion.
- Turbidity measurements less than five Nephelometric Turbidity Units (NTUs), or between five and ten NTUs after three hours of purging
- Temperature - Record only, not used for stabilization criteria
- ORP - Record only, not used for stabilization criteria

Once stabilization was achieved, samples were collected into appropriately preserved laboratory-supplied sample containers. Sample bottles were placed in ice-packed coolers and submitted to Pace® Analytical

Services (Pace) following standard chain-of-custody protocol. Stabilization logs and equipment calibration forms are included in Appendix C.

3.5 Laboratory Analyses

Laboratory analyses were performed by Pace, an accredited laboratory by National Environmental Laboratory Accreditation Program (NELAP) and maintains a NELAP certification for the constituents analyzed. In addition, Pace is certified to perform analysis by the State of Georgia. Groundwater data laboratory reports and chain-of-custody records for the monitoring event are presented in Appendix C.

The groundwater analytical results from the 2025 semi-annual reporting period are summarized in Table 5. The ephemeral spring was not expressing water during the February-March 2025 sampling event and no sample was collected. Historical analytical data of the spring is provided in Appendix D. The spring was dry and not sampled for events not included in Appendix D. The pH field measurements recorded during the detection monitoring, background, and verification sampling events are also provided in Table 5.

3.6 Quality Assurance & Quality Control

During each sampling event, quality assurance/quality control (QA/QC) samples were collected. Equipment blanks (where non-dedicated sampling equipment is used) were collected at a rate of one QA/QC sample per ten groundwater samples. Blind field duplicate samples were collected by filling additional containers at the same location during the sampling event at a rate of one QA/QC sample per ten groundwater samples. Field blanks were also collected to evaluate ambient conditions at the sampling locations at a rate of one QA/QC sample per ten groundwater samples.

QA/QC of the groundwater data were assessed by performing a data quality evaluation of the reported laboratory results. A data quality evaluation was conducted on the data using laboratory precision and accuracy, and analytical method requirements (US EPA, 2002). In addition to collecting QA/QC samples, the data were validated based on the pertinent methods referenced in the laboratory reports, professional and technical judgment, and applicable federal and site-specific guidance documents (US EPA, 2023; US EPA, 2024). The validated data meet project objectives. The data quality evaluations are included in Appendix C.

The analytical results provided in Table 5 provide concentrations from the groundwater sampling events as reported by the laboratory.

4 Statistical Analysis

This section presents a summary of the statistical approach applied to assess the 2025 semi-annual groundwater data for potential statistically significant increases (SSIs) of permit stipulated constituents reported in downgradient compliance wells relative to the available historical dataset. The statistical analyses used at the Site for Appendix I and Appendix III constituents were conducted pursuant to 40 CFR § 257.93 in accordance with the Statistical Analysis Method Certification (certified by a registered Professional Engineer) and based on methodology presented in the GWMP (Stantec, 2024a). Statistical analysis techniques are consistent with the methodology presented in *Statistical Analysis of Groundwater Data at RCRA Facilities*, Unified Guidance, March 2009, EPA 530/R-09-007 (US EPA, 2009), herein after referred to as the Unified Guidance.

4.1 Statistical Methods

Descriptions of the statistical analyses of groundwater quality data obtained in the Groundwater Stats Consulting, LLC (GSC) Statistical Analysis Reports are provided in Appendix E. Table 6 provides a summary of the statistical methodology used at the Site for the 2025 semi-annual groundwater event. Sanitas™ groundwater statistical software was used to perform the statistical analyses. Sanitas™ is a commercially available decision support software package that incorporates the statistical tests required of Subtitle C and D facilities by US EPA regulations and guidance as recommended in the Unified Guidance (US EPA, 2009). Detailed statistical methods used for Appendix I and Appendix III constituents are discussed in statistical analysis packages provided in Appendix E and summarized in Section 4.1.1.

4.1.1 APPENDIX I AND APPENDIX III STATISTICAL METHOD

Intrawell and interwell methods were used to analyze the February-March 2025 detection groundwater monitoring event results, as summarized in Table 6. Eligibility for intrawell methods is discussed in detail in the Statistical Analysis Reports (Appendix E).

In instances where a potential SSI was identified by intrawell statistical methods, interwell statistical methods were used as a second step to determine if the initial potential SSI was below a sitewide background limit. If the concentrations were above both the intrawell and interwell prediction limits, then an additional verification sampling (i.e., one of two resampling) was collected to verify the potential SSI. When a resample analytical result was below the intrawell prediction limit, then the result was not declared an SSI. If the resample analytical result was above the prediction limit or a resample was not collected, then the SSI would be verified and declared.

In instances where a potential SSI was identified by interwell statistical methods, a resample was collected to verify the initial result. When a resample analytical result was below the prediction limit, then the result was not declared an SSI. If the resample analytical result was above the prediction limit or a resample was not collected, then the SSI was verified and declared.

Background data were tested using the Sen's Slope/Mann Kendall or linear regression trend test to confirm suspected increasing or decreasing trends (Appendix E). The distribution of the data determined which trend test was used.

4.2 Statistical Analyses Results

Using the statistical analysis approach described in Section 4.1 for the detection monitoring data and associated verification data, potential SSIs from the February-March 2025 events for Appendix I and Appendix III constituents are presented in Tables 7 and 8 below. Potential SSIs addressed by previously submitted alternate source demonstrations (ASDs) or not verified via resampling are indicated in the footnotes.

TABLE 7
DOWNGRADIENT POTENTIAL SSI SUMMARY
APPENDIX I CONSTITUENTS
February-March 2025
Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 &-10
Bartow County, Georgia

Appendix I Constituents	Downgradient Wells with Potential SSIs
Cells 1 & 2 and 9 & 10	
Mercury	GWC-48**
Cells 3 & 4	
None	

** ASD previously submitted. Refer to Section 5 for more information.

TABLE 8
DOWNGRADIENT POTENTIAL SSI SUMMARY
APPENDIX III CCR CONSTITUENTS
February-March 2025
Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10
Bartow County, Georgia

Appendix III Constituents	Downgradient Wells with Potential SSIs
Cells 1 & 2 and 9 & 10	
None	
Cells 3 & 4	
Calcium	GWC-16R**, GWC-17R**

** ASD previously submitted. Refer to Section 5 for more information.

5 Alternate Source Demonstration

ASDs were previously submitted to GA EPD under separate report covers to address potential SSIs of Appendix I and Appendix III constituents. Based on GA EPD guidance, ASDs no longer require concurrence if an SSI has not been detected for two consecutive events, which indicates natural variability. SSIs confirmed during this reporting period are addressed by previous ASDs listed below. SSIs addressed in previous ASDs that were confirmed during this reporting period are noted in Table 9.

TABLE 9.
SSIs ADDRESSED IN PREVIOUS ASDs
Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10
Bartow County, Georgia

Alternate Source Demonstration	Constituent	Well	Status of Approval by GA EPD
Wood Environment & Infrastructure Solutions, Inc., Alternate Source Demonstration Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10 Solid Waste Disposal Facility Permit No. 008-018D (LI), April 19, 2018	Calcium	GWC-16R, GWC-17R	Approved 1/30/2019
Stantec, Alternate Source Demonstration for Mercury, February 2024 Semi-Annual Event, November 22, 2024	Mercury	GWC-48	Submitted

6 Monitoring Program Status

Groundwater monitoring for the Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10 is in the detection monitoring phase. Cells 5 & 6 and 7 & 8 have completed eight or nine background sampling events in accordance with the GWMP and will begin detection monitoring in August 2025. Potential SSIs of Appendix I constituent mercury and Appendix III constituent calcium were identified during the semi-annual sampling event and were addressed in previously submitted ASDs, as described in Section 5.0. Groundwater monitoring at Plant Bowen Landfill Cells 1-10 will continue in the detection monitoring phase.

7 Conclusions & Future Actions

This 2025 Semi-Annual Groundwater Monitoring and Corrective Action Report for Georgia Power's Plant Bowen Landfill Cells 1-10 was prepared to fulfill the requirements of applicable federal and state CCR Rules and GA EPD Solid Waste Management Rules (40 CFR § 257.90(e) and 391-3-4-.10).

During the semi-annual monitoring event in February-March 2025, potential SSIs of Appendix I and Appendix III constituents were addressed by previously submitted ASDs (mercury and calcium). The potential SSIs identified during the semi-annual reporting period are not thought to be the result of a release from the Landfill Cells 1 & 2, 3 & 4, and 9 & 10 and are attributed to natural variability of groundwater chemistry underlying the Site combined with poor drainage around GWC-48, which was corrected in June 2025. Groundwater monitoring at Plant Bowen Landfill Cells 1-10 will continue in the detection monitoring phase. The next semi-annual groundwater monitoring event is tentatively scheduled for August 2025.

8 References

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Wood Environment & Infrastructure Solutions, Inc., 2020. Plant Bowen Landfill Cells 1 & 2, 3 & 4, and 9 & 10 Alternate Source Demonstration for March 2020 Semi-Annual Event Cells 1 & 2, 3 & 4, and 9 & 10 (Barium, Zinc, pH, Calcium, Chloride, Sulfate, and TDS various wells), August 31, 2020.

TABLES

Table 1
Monitoring Well Network Summary
Georgia Power Company
Plant Bowen - Landfill Cell 1 - 10
Bartow County, GA

Well ID	Well Designation	Location	Northing	Easting	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Top of Screen Elevation (feet)	Bottom of Screen Elevation (feet)	Total Well Depth from (Feet Below Top of Casing)	Groundwater Zone Screened	Installation Date
Upgradient Wells											
GWA-1	Detection	Upgradient	1502842.29	2071724.15	738.86	741.76	601.13	591.13	150.80	Overburden/Bedrock	04/12/2007
GWA-2	Detection	Upgradient	1502640.55	2071935.13	731.48	733.89	590.00	580.00	154.33	Overburden/Bedrock	04/04/2007
GWA-2R	Detection	Upgradient	1502615.38	2071965.52	732.66	734.83	637.53	627.53	108.20	Bedrock	08/03/2007
GWA-3A	Detection	Upgradient	1502374.48	2072061.21	728.68	731.68	601.88	591.88	140.27	Overburden	03/16/2021
GWA-4R	Piezometer	Upgradient	1502246.31	2072317.15	740.65	743.23	657.60	647.60	93.17	Bedrock	03/13/2007
GWA-4RZ	Detection	Upgradient	1502238.85	2072329.55	740.04	742.84	633.04	623.04	119.80	Bedrock	10/28/2016
GWA-39RZ	Detection	Upgradient	1502618.73	2071164.20	729.57	732.62	602.57	592.57	140.05	Bedrock	11/04/2016
GWA-39Z	Detection	Upgradient	1502655.66	2071120.65	731.80	735.15	628.10	618.10	117.35	Overburden	03/01/2016
GWA-40	Detection	Upgradient	1503195.09	2071299.94	728.93	731.77	589.03	579.03	153.04	Overburden	06/07/2011
GWA-41	Detection	Upgradient	1503519.02	2071046.18	738.91	742.35	646.41	636.41	105.98	Overburden	06/06/2011
GWA-41R	Detection	Upgradient	1503527.39	2071050.84	737.95	743.08	635.19	625.19	118.19	Bedrock	06/01/2011
GWA-42	Detection	Upgradient	1503823.34	2071049.95	734.45	738.05	662.69	652.69	85.66	Overburden	06/01/2011
GWA-43	Detection	Upgradient	1504129.20	2070982.44	707.61	710.94	627.71	617.71	93.53	Overburden	05/25/2011
GWA-43R	Detection	Upgradient	1504117.39	2070973.14	707.80	711.19	594.10	584.10	127.59	Bedrock	05/24/2011
GWA-50	Detection	Upgradient	1502154.80	2072442.13	728.74	731.21	644.71	634.71	96.80	Overburden	06/04/2008
GWA-50R	Detection	Upgradient	1502150.85	2072448.35	727.87	730.37	599.69	589.69	140.98	Bedrock	06/10/2008
Downgradient Wells, Cells 1 & 2 and 9 & 10											
GWC-5	Detection	Downgradient	1502341.56	2072677.44	735.11	737.56	634.00	624.00	113.74	Overburden	04/18/2006
GWC-6	Detection	Downgradient	1502520.08	2072962.89	725.97	728.64	628.35	618.35	110.20	Overburden	05/01/2007
GWC-6RZ	Detection	Downgradient	1502502.00	2072900.50	728.66	731.91	633.66	623.66	108.55	Bedrock	04/28/2015
GWC-7Z	Detection	Downgradient	1502640.13	2073193.22	709.70	713.04	606.00	596.00	117.34	Overburden	05/19/2016
GWC-8RR	Detection	Downgradient	1502857.71	2073501.74	698.96	701.92	601.96	591.96	110.26	Bedrock	06/27/2011
GWC-8Z	Detection	Downgradient	1502827.67	2073526.15	698.68	702.09	635.68	625.68	76.71	Overburden	04/28/2015
GWC-9	Detection	Downgradient	1503018.96	2073781.05	691.99	694.67	631.81	621.81	73.15	Overburden	08/16/2006
GWC-10	Detection	Downgradient	1503162.70	2074019.96	684.89	687.87	626.70	616.70	71.31	Overburden	09/06/2006
GWC-10R	Detection	Downgradient	1503154.01	2074020.44	685.33	687.95	599.83	589.83	97.80	Bedrock	05/15/2007
GWC-11	Detection	Downgradient	1503390.40	2073829.95	675.04	677.83	643.28	633.28	44.50	Overburden	06/01/2007
GWC-11R	Detection	Downgradient	1503395.25	2073828.03	675.98	677.73	608.08	598.08	80.60	Bedrock	05/31/2007
GWC-12	Detection	Downgradient	1503662.54	2073693.63	674.66	677.25	636.56	626.56	51.00	Overburden	06/04/2007
GWC-13	Detection	Downgradient	1503898.17	2073495.16	684.19	686.76	613.75	603.75	83.00	Overburden	05/31/2007
GWC-13R	Piezometer	Downgradient	1503908.53	2073501.95	683.17	685.97	594.17	584.17	99.10	Bedrock	06/05/2007
GWC-13RZ	Detection	Downgradient	1503926.70	2073517.44	681.71	684.60	589.71	579.71	104.89	Bedrock	11/02/2016
GWC-14	Piezometer	Downgradient	1504059.92	2073205.96	684.04	686.81	616.30	606.30	78.01	Overburden	08/22/2007
GWC-14Z	Detection	Downgradient	1504060.77	2073193.66	684.34	687.28	621.34	611.34	75.94	Overburden	11/03/2016
GWC-15	Piezometer	Downgradient	1503943.59	2072927.52	692.75	695.19	635.74	625.74	67.11	Overburden	06/01/2007
GWC-15R	Detection	Downgradient	1503936.17	2072919.39	693.39	696.13	611.25	601.25	95.10	Bedrock	05/24/2007
GWC-15Z	Detection	Downgradient	1503952.26	2072918.71	693.28	695.92	631.28	621.28	74.64	Overburden	10/31/2016
GWC-44	Detection	Downgradient	1504436.66	2071414.30	710.15	712.89	637.22	627.22	85.97	Overburden	06/09/2011
GWC-45	Detection	Downgradient	1504539.38	2071956.71	698.41	701.53	643.98	633.98	67.85	Overburden	05/17/2007
GWC-45R	Detection	Downgradient	1504538.68	2071945.39	699.00	702.02	583.56	573.56	128.76	Bedrock	05/22/2007
GWC-46R	Detection	Downgradient	1504522.23	2072184.47	687.94	690.49	641.84	631.84	59.05	Bedrock	08/15/2014
GWC-47	Detection	Downgradient	1504543.69	2072481.34	687.44	690.86	630.44	620.44	70.75	Overburden	06/01/2011
GWC-47R	Detection	Downgradient	1504539.25	2072467.10	687.71	691.13	616.91	606.91	84.62	Bedrock	04/24/2014
GWC-48	Detection	Downgradient	1504490.63	2072851.71	686.20	688.33	642.70	632.70	56.13	Overburden	06/08/2011
GWC-49R	Detection	Downgradient	1504246.02	2072918.76	706.24	709.56	585.54	575.54	134.42	Bedrock	04/17/2014
GWC-49Z	Detection	Downgradient	1504238.30	2072896.49	706.12	709.11	626.92	616.92	92.49	Overburden	03/01/2016

Table 1
Monitoring Well Network Summary
Georgia Power Company
Plant Bowen - Landfill Cell 1 - 10
Bartow County, GA

Well ID	Well Designation	Location	Northing	Easting	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Top of Screen Elevation (feet)	Bottom of Screen Elevation (feet)	Total Well Depth from (Feet Below Top of Casing)	Groundwater Zone Screened	Installation Date
Downgradient Wells, Cells 3 & 4											
GWC-16R	Detection	Downgradient	1505877.86	2072607.38	727.77	730.59	643.07	633.07	97.82	Bedrock	12/13/2011
GWC-17R	Detection	Downgradient	1506069.29	2072829.29	730.02	733.37	650.82	640.82	92.85	Bedrock	12/08/2011
GWC-18	Detection	Downgradient	1506306.70	2072929.28	718.92	721.88	651.22	642.22	79.96	Overburden	06/06/2011
GWC-18R	Detection	Downgradient	1506301.39	2072929.47	718.97	721.76	591.77	581.77	140.29	Bedrock	06/02/2011
GWC-19R	Detection	Downgradient	1506395.96	2073158.36	723.13	726.31	589.43	579.43	147.18	Bedrock	06/07/2011
GWC-20R	Detection	Downgradient	1506602.14	2073486.53	717.63	720.59	643.63	633.63	87.26	Bedrock	06/09/2011
GWC-21R	Detection	Downgradient	1506695.89	2073784.42	720.45	723.07	641.25	631.25	92.12	Bedrock	12/16/2011
GWC-22R	Detection	Downgradient	1506717.93	2074105.65	712.54	715.41	605.84	595.84	119.87	Bedrock	06/14/2011
GWC-23R	Detection	Downgradient	1506701.61	2074446.53	688.02	690.94	651.32	641.32	49.92	Bedrock	06/28/2011
GWC-24R	Detection	Downgradient	1506694.13	2074806.11	673.76	676.57	647.06	637.06	39.81	Bedrock	06/21/2011
GWC-25R	Detection	Downgradient	1506494.89	2075088.90	673.59	676.42	586.89	576.89	99.83	Bedrock	06/21/2011
GWC-36A	Detection	Downgradient	1505026.95	2073357.46	680.63	683.75	588.80	578.80	105.28	Overburden	03/18/2022
GWC-36RA	Detection	Downgradient	1505060.13	2073365.45	682.26	684.50	583.26	573.26	111.64	Bedrock	07/02/2021
GWC-37	Detection	Downgradient	1505345.45	2073069.32	700.44	703.72	606.74	596.74	107.78	Overburden	09/11/2013
GWC-38	Detection	Downgradient	1505501.33	2072831.77	713.32	716.24	658.62	648.62	67.92	Overburden	06/13/2011
GWC-57	Detection	Downgradient	1504324.30	2074803.90	672.06	675.07	604.06	594.06	81.01	Overburden	05/18/2023
Downgradient Wells, Cells 5 & 6 and 7 & 8											
GWC-26	Detection	Downgradient	1506231.70	2075314.30	673.15	676.28	644.45	634.45	42.24	Overburden	04/20/2023
GWC-27	Detection	Downgradient	1506039.70	2075488.40	673.21	675.85	641.01	631.01	45.14	Overburden	04/23/2023
GWC-27R	Detection	Downgradient	1506022.30	2075508.50	673.29	676.17	594.99	584.99	91.58	Bedrock	05/05/2023
GWC-28	Detection	Downgradient	1505801.70	2075741.90	672.82	675.30	638.52	628.52	47.18	Overburden	04/22/2023
GWC-29	Detection	Downgradient	1505509.80	2075871.20	676.13	679.29	628.33	618.33	61.35	Overburden	05/01/2023
GWC-29R	Detection	Downgradient	1505485.90	2075868.30	676.22	679.12	580.22	570.22	108.90	Bedrock	05/15/2023
GWC-30	Detection	Downgradient	1505206.20	2075851.50	681.86	685.00	643.86	633.86	51.15	Overburden	04/25/2023
GWC-31	Detection	Downgradient	1504927.60	2075816.90	680.20	683.13	623.40	613.40	70.13	Overburden	05/08/2023
GWC-31R	Detection	Downgradient	1504953.40	2075819.50	680.18	683.09	584.18	574.18	109.41	Bedrock	05/04/2023
GWC-32	Detection	Downgradient	1504607.50	2075753.70	688.93	692.18	640.33	630.33	62.25	Overburden	05/09/2023
GWC-33	Piezometer	Downgradient	1504341.00	2075103.70	672.57	675.48	608.57	598.57	67.42	Overburden	04/23/2023
GWC-33R	Detection	Downgradient	1504344.00	2075078.20	672.13	675.20	572.43	562.43	112.77	Bedrock	05/18/2023
GWC-34	Detection	Downgradient	1504387.10	2074401.00	670.19	673.25	614.89	604.89	68.46	Overburden	05/22/2023
GWC-34R	Detection	Downgradient	1504398.30	2074378.30	670.24	672.95	582.24	572.24	101.21	Bedrock	05/21/2023
GWC-35	Detection	Downgradient	1504694.20	2074045.10	693.83	696.66	637.83	627.83	68.82	Overburden	04/21/2023

Notes:
Elevations shown are in datum NAVD88, which indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.
Georgia State Plane NAD83 [East or West] Zone referenced for horizontal datum.
Ground surface elevation measured at nail or known reference point on surface concrete pad.
Groundwater Zone Screened references USCS ASTM 2488 Visual Manual Group Symbol or well survey.
Well screen elevations are calculated by subtracting the depths to top and bottom of the well screen from the ground surface elevation.

Table 2
Groundwater Event Summary
Georgia Power Company
Plant Bowen - Landfill Cell 1 - 10
Bartow County, GA

Well ID	Hydraulic Location	Well Designation	February 19 2025 - March 06 2025	March 04 2025 - March 06 2025	May 01 2025
			Detection Event	Background Event	Verification Event
Georgia Power Company - Plant Bowen - Upgradient Wells					
GWA-1	Upgradient	Detection	X		
GWA-2	Upgradient	Detection	X		
GWA-2R	Upgradient	Detection	X		
GWA-3A	Upgradient	Detection	X		
GWA-4RZ	Upgradient	Detection	X		
GWA-39RZ	Upgradient	Detection	X		
GWA-39Z	Upgradient	Detection	X		
GWA-40	Upgradient	Detection	X		
GWA-41	Upgradient	Detection	X		
GWA-41R	Upgradient	Detection	X		
GWA-42	Upgradient	Detection	X		
GWA-43	Upgradient	Detection	X		
GWA-43R	Upgradient	Detection	X		
GWA-50	Upgradient	Detection	X		
GWA-50R	Upgradient	Detection	X		
Georgia Power Company - Plant Bowen - Downgradient Wells, Landfill Cell 1 & 2					
GWC-5	Downgradient	Detection	X		
GWC-6	Downgradient	Detection	X		
GWC-6RZ	Downgradient	Detection	X		
GWC-7Z	Downgradient	Detection	X		
GWC-8RR	Downgradient	Detection	X		
GWC-8Z	Downgradient	Detection	X		
GWC-9	Downgradient	Detection	X		
GWC-10	Downgradient	Detection	X		
GWC-10R	Downgradient	Detection	X		
GWC-11	Downgradient	Detection	X		
GWC-11R	Downgradient	Detection	X		
GWC-12	Downgradient	Detection	X		
GWC-13	Downgradient	Detection	X		
GWC-13RZ	Downgradient	Detection	X		
GWC-14Z	Downgradient	Detection	X		
GWC-15R	Downgradient	Detection	X		
GWC-15Z	Downgradient	Detection	X		

Table 2
Groundwater Event Summary
Georgia Power Company
Plant Bowen - Landfill Cell 1 - 10
Bartow County, GA

Georgia Power Company - Plant Bowen - Downgradient Wells, Landfill Cell 3 & 4					
GWC-16R	Downgradient	Detection	X		
GWC-17R	Downgradient	Detection	X		
GWC-18	Downgradient	Detection	X		
GWC-18R	Downgradient	Detection	X		
GWC-19R	Downgradient	Detection	X		
GWC-20R	Downgradient	Detection	X		
GWC-21R	Downgradient	Detection	X		
GWC-22R	Downgradient	Detection	X		
GWC-23R	Downgradient	Detection	X		
GWC-24R	Downgradient	Detection	X		
GWC-25R	Downgradient	Detection	X		
GWC-36A	Downgradient	Detection	X		
GWC-36RA	Downgradient	Detection	X		
GWC-37	Downgradient	Detection	X		
GWC-38	Downgradient	Detection	X		
Georgia Power Company - Plant Bowen - Downgradient Wells, Landfill Cell 5-8					
GWC-26	Downgradient	Detection		X	
GWC-27	Downgradient	Detection		X	
GWC-27R	Downgradient	Detection		X	
GWC-28	Downgradient	Detection		X	
GWC-29	Downgradient	Detection		X	
GWC-29R	Downgradient	Detection		X	
GWC-30	Downgradient	Detection		X	
GWC-31	Downgradient	Detection		X	
GWC-31R	Downgradient	Detection		X	
GWC-32	Downgradient	Detection		X	
GWC-33R	Downgradient	Detection		X	
GWC-34	Downgradient	Detection		See notes.	
GWC-34R	Downgradient	Detection		See notes.	
GWC-35	Downgradient	Detection		X	
GWC-57	Downgradient	Detection		X	
Georgia Power Company - Plant Bowen - Downgradient Wells, Landfill Cell 9 & 10					
GWC-44	Downgradient	Detection	X		
GWC-45	Downgradient	Detection	X		
GWC-45R	Downgradient	Detection	X		
GWC-46R	Downgradient	Detection	X		
GWC-47	Downgradient	Detection	X		
GWC-47R	Downgradient	Detection	X		
GWC-48	Downgradient	Detection	X		X
GWC-49R	Downgradient	Detection	X		
GWC-49Z	Downgradient	Detection	X		

Notes:
X - Indicates well sampled during event
Detection event includes Appendix III analytes and permit required Appendix I analytes.
Wells GWC-34 and GWC-34R were not sampled due to localized flooding.

Table 3
Summary of Groundwater Elevations
Georgia Power Company
Plant Bowen - Landfill Cell 1 - 10
Bartow County, GA

		February 2025	
Well ID	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
Upgradient Wells			
GWA-1	741.76	83.48	658.28
GWA-2	733.89	79.05	654.84
GWA-2R	734.83	80.09	654.74
GWA-3A	731.68	76.50	655.18
GWA-4R	743.23	87.97	655.26
GWA-4RZ	742.84	86.83	656.01
GWA-39RZ	732.62	61.25	671.37
GWA-39Z	735.15	64.42	670.73
GWA-40	731.77	67.72	664.05
GWA-41	742.35	52.27	690.08
GWA-41R	743.08	52.46	690.62
GWA-42	738.05	75.80	662.25
GWA-43	710.94	50.55	660.39
GWA-43R	711.19	50.92	660.27
GWA-50	731.21	65.89	665.32
GWA-50R	730.37	73.56	656.81
Downgradient Wells, Landfill Cells 1 & 2 and 9 & 10			
GWC-44	712.89	50.40	662.49
GWC-45	701.53	44.76	656.77
GWC-45R	702.02	49.55	652.47
GWC-46R	690.49	38.22	652.27
GWC-47	690.86	38.64	652.22
GWC-47R	691.13	38.96	652.17
GWC-48	688.33	35.55	652.78
GWC-49R	709.56	53.83	655.73
GWC-49Z	709.11	53.21	655.90
GWC-5	737.56	78.40	659.16
GWC-6	728.64	70.77	657.87
GWC-6RZ	731.91	74.93	656.98
GWC-7Z	713.04	54.20	658.84
GWC-8RR	701.92	43.84	658.08
GWC-8Z	702.09	43.77	658.32
GWC-9	694.67	38.12	656.55
GWC-10	687.87	29.98	657.89
GWC-10R	687.95	29.96	657.99
GWC-11	677.83	38.34	639.49
GWC-11R	677.73	21.31	656.42
GWC-12	677.25	21.28	655.97
GWC-13	686.76	30.95	655.81
GWC-13R	685.97	30.04	655.93
GWC-13RZ	684.60	67.15	617.45
GWC-14	686.81	30.77	656.04
GWC-14Z	687.28	30.37	656.91
GWC-15	695.19	38.76	656.43
GWC-15R	696.13	39.88	656.25
GWC-15Z	695.92	39.51	656.41

Table 3
Summary of Groundwater Elevations
Georgia Power Company
Plant Bowen - Landfill Cell 1 - 10
Bartow County, GA

		February 2025	
Well ID	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
Downgradient Wells, Landfill Cells 3 & 4, 5 & 6, and 7 & 8			
GWC-33	675.48	21.33	654.15
GWC-33R	675.20	21.04	654.16
GWC-34	673.25	NA	NA
GWC-34R	672.95	NA	NA
GWC-35	696.66	42.36	654.30
GWC-36A	683.75	29.00	654.75
GWC-36RA	684.50	30.82	653.68
GWC-37	703.72	50.94	652.78
GWC-38	716.24	57.42	658.82
GWC-57	675.07	18.62	656.45
GWC-16R	730.59	79.00	651.59
GWC-17R	733.37	83.15	650.22
GWC-18	721.88	71.75	650.13
GWC-18R	721.76	71.80	649.96
GWC-19R	726.31	75.55	650.76
GWC-20R	720.59	69.98	650.61
GWC-21R	723.07	70.98	652.09
GWC-22R	715.41	63.04	652.37
GWC-23R	690.94	37.39	653.55
GWC-24R	676.57	24.04	652.53
GWC-25R	676.42	22.91	653.51
GWC-26	676.28	22.29	653.99
GWC-27	675.85	22.02	653.83
GWC-27R	676.17	22.05	654.12
GWC-28	675.30	21.05	654.25
GWC-29	679.29	25.35	653.94
GWC-29R	679.12	25.39	653.73
GWC-30	685.00	31.73	653.27
GWC-31	683.13	29.69	653.44
GWC-31R	683.09	29.63	653.46
GWC-32	692.18	38.84	653.34

Notes:
NAVD88 indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.
NA - Not availabile, water level measurement not collected due to localized flooding
The surface water elevation at the Etowah River gauging location (Northing 1504757.08, Easting 2068108.55, NAD 1983) was recorded as 643.3 feet on February 17, 2025.

Table 4
Groundwater Flow Velocity Calculations
February 2025
Georgia Power Company
Plant Bowen - Landfill Cells 1-10
Bartow County, GA

Flow Paths		Groundwater Measurement Date	Groundwater Elevations in Well Pairs (h_1, h_2) (feet)		Change in Elevation (Δh) (feet)	Distance Measured (L) (feet)	Hydraulic Gradient (i) (feet/foot)	Estimated Sitewide Hydraulic Conductivity (K) (feet/day)	Estimated Effective Porosity (n_e)	Calculated Groundwater Flow Velocity (V) (feet/day)	Calculated Groundwater Flow Velocity (V) (feet/year)
Landfill Cells 1 & 2 and 9 & 10	GWC-5 to GWC-9	2/17/2025	659.16	656.55	2.61	1302	0.002	0.136	0.01	0.03	10.0
	GWA-50 to GWC-6	2/17/2025	665.32	657.87	7.45	650	0.011	0.136	0.01	0.16	56.9
	GWC-8RR to GWC-10R	2/17/2025	658.08	657.99	0.09	600	0.000	0.136	0.01	0.002	0.7
	GWA-6RZ to GWC-15R	2/17/2025	656.98	656.25	0.73	1439	0.0005	0.136	0.01	0.007	2.5
	GWA-40 to GWC-47	2/17/2025	664.05	652.22	11.83	1786	0.007	0.136	0.01	0.09	32.9
	GWC-45 to GWC-47	2/17/2025	656.77	652.22	4.55	525	0.009	0.136	0.01	0.12	43.0
	GWA-41R to GWC-45R	2/17/2025	690.62	652.47	38.15	1348	0.028	0.136	0.01	0.38	140.5
	GWC-49R to GWC-47R	2/17/2025	655.73	652.17	3.56	547	0.007	0.136	0.01	0.09	32.3
Landfill Cells 3 & 4	GWC-37 to GWC-18	2/17/2025	652.78	650.13	2.65	977	0.003	0.136	0.01	0.04	13.5
	GWC-25R to GWC-21R	2/17/2025	653.51	652.09	1.42	1325	0.001	0.136	0.01	0.01	5.3
Landfill Cells 5 & 6 and 7 & 8	GWC-35 to GWC-29R	2/17/2025	654.30	653.73	0.57	1987	0.000	0.136	0.01	0.004	1.4
	GWC-35 to GWC-32	2/17/2025	654.30	653.34	0.96	1711	0.001	0.136	0.01	0.01	2.8

Notes:

1. The estimated sitewide hydraulic conductivity values of 0.136 ft/day is the geometric mean of slug testing data in the 2024 Plant Bowen Summary of Geologic and Hydrologic Conditions Report, and additional slug testing completed in 2015, 2016, and 2024, as reported in the 2024 Groundwater Monitoring Plan.

2. An estimated effective porosity of 0.01 (based on default soil type value for silty clays to clays in USEPA 530/SW-89-031) of the screened horizon.

3. NA - Not available

Table 5
Groundwater Analytical Data Summary
Georgia Power Company
Plant Bowen - Landfill Cell 1 & 2
Bartow County, GA

	Sample Location	GWA-1	GWA-2	GWA-2R	GWA-3A	GWA-4RZ	GWA-50	GWA-50R	GWC-5	GWC-6
	Sample Date	02/27/2025	02/27/2025	02/27/2025	02/26/2025	02/28/2025	02/27/2025	02/28/2025	02/27/2025	02/27/2025
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	< 0.0062	< 0.0062	0.021 J	< 0.0062	0.0067 J	< 0.0062	< 0.0062	< 0.0062	< 0.0062
Calcium	mg/L	33.4	41.7	66.7	19.9	56.6	1.4	0.81 J	3.6	15.4
Chloride	mg/L	0.93 J	1.1	3.2	9.3	2.5	0.76 J	0.87 J	< 0.60	0.95 J
Fluoride	mg/L	0.075 J	0.076 J	0.095 J	< 0.050	0.081 J	< 0.050	< 0.050	0.050 J	0.052 J
pH, Field	SU	7.50	6.70	7.18	7.93	7.25	5.64	5.04	5.85	7.59
Sulfate	mg/L	0.88 J	74.4	41.5	1.7	22.4	< 0.50	0.51 J	0.74 J	1.4
TDS	mg/L	142	211	231	121	273	32.0	< 25.0	27.0	64.0
APPENDIX I										
Antimony	mg/L	0.00062 J	< 0.00050	0.0042	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Arsenic	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Barium	mg/L	0.017	0.024	0.028	0.0075	0.043	0.0074	0.0081	0.013	0.0066
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.00053	< 0.00015
Cadmium	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012
Chromium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0030 J
Cobalt	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.019	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Copper	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0017 J	0.0040 J	0.016	< 0.0012
Lead	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Mercury	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012
Nickel	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0093	< 0.0012
Selenium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Silver	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	0.00061 J	0.0016 J	< 0.00025	< 0.00025
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Zinc	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	0.022	< 0.0025
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	157	81.3	151	96.8	247	< 5.0	< 5.0	10.5	66.5
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	157	81.3	151	96.8	247	< 5.0	< 5.0	10.5	66.5
Iron	mg/L	0.050	0.025 J	< 0.012	< 0.012	0.080	< 0.012	< 0.012	< 0.012	0.036 J
Magnesium	mg/L	16.6	13.9	7.8	12.6	25.5	0.34	0.34	0.29	8.0
Manganese	mg/L	0.033 J	0.0069 J	< 0.0012	< 0.0012	0.0040 J	0.0026 J	0.016 J	0.019 J	0.0035 J
Potassium	mg/L	1.2	0.88	0.78	1.4	0.86	0.31 J	0.35 J	1.4	1.1
Sodium	mg/L	3.9	1.5	2.4	4.9	4.4	1.3	0.76 J	1.1	0.83 J

Notes:

mg/L - milligrams per liter

SU - Standard Units

NA - Indicates not analyzed

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

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

TDS - Total Dissolved Solids

Table 5
Groundwater Analytical Data Summary
Georgia Power Company
Plant Bowen - Landfill Cell 1 & 2
Bartow County, GA

	Sample Location	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9	GWC-10	GWC-10R	GWC-11	GWC-11R
	Sample Date	02/27/2025	02/27/2025	03/04/2025	02/28/2025	02/28/2025	02/28/2025	03/03/2025	03/04/2025	03/03/2025
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	< 0.0062	< 0.0062	< 0.0062	< 0.0062	0.0069 J	< 0.0062	< 0.0062	< 0.0062	< 0.0062
Calcium	mg/L	9.8	24.3	22.2	19.2	3.5	19.9	41.8	18.9	33.2
Chloride	mg/L	1.1	0.62 J	0.61 J	1.6	2.3	2.0	2.5	0.87 J	1.6
Fluoride	mg/L	0.057 J	0.062 J	0.055 J	< 0.050	< 0.050	< 0.050	< 0.050	0.065 J	< 0.050
pH, Field	SU	7.10	7.63	7.96	6.92	4.81	6.50	7.57	6.93	7.62
Sulfate	mg/L	1.1	0.69 J	0.98 J	0.52 J	6.5	1.1	0.90 J	1.6	1.4
TDS	mg/L	52.0	107	111	96.0	32.0	95.0	143	100	150
APPENDIX I										
Antimony	mg/L	< 0.00050	0.00071 J	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Arsenic	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Barium	mg/L	0.0068	0.010	0.013	0.023	0.050	0.024	0.025	0.010	0.021
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012
Chromium	mg/L	0.0026 J	< 0.0012	< 0.0012	0.0013 J	< 0.0012	< 0.0012	< 0.0012	0.0072	0.0039 J
Cobalt	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0029 J	< 0.0012	< 0.0012	< 0.0012
Copper	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Lead	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Mercury	mg/L	< 0.00012	< 0.00012	< 0.000091	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.000091	< 0.00012
Nickel	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0013 J	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Selenium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0013 J	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Silver	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Zinc	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	0.0032 J	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	44.2	117	100	76.5	< 5.0	87.7	132	85.0	144
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	44.2	117	100	76.5	< 5.0	87.7	132	85.0	144
Iron	mg/L	0.019 J	0.14	0.45	0.027 J	< 0.012	< 0.012	0.84	0.38	0.64
Magnesium	mg/L	5.5	13.3	10.4	7.3	1.5	9.6	8.1	10.0	17.8
Manganese	mg/L	0.0014 J	0.027 J	< 0.0012	0.0040 J	0.030 J	0.0025 J	0.0021 J	0.0044 J	< 0.0012
Potassium	mg/L	0.91	0.92	1.3	1.8	1.0	0.54	0.77	0.91	1.0
Sodium	mg/L	1.4	1.4	0.88 J	1.6	0.95 J	2.0	2.0	1.8	0.92 J

Notes:

mg/L - milligrams per liter

SU - Standard Units

NA - Indicates not analyzed

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

TDS - Total Dissolved Solids

Table 5
Groundwater Analytical Data Summary
Georgia Power Company
Plant Bowen - Landfill Cell 1 & 2
Bartow County, GA

	Sample Location	GWC-12	GWC-13	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z
	Sample Date	03/04/2025	03/03/2025	03/04/2025	03/03/2025	03/03/2025	03/03/2025
ANALYTE	UNITS						
APPENDIX III							
Boron	mg/L	< 0.0062	0.012 J	0.017 J	< 0.0062	< 0.0062	< 0.0062
Calcium	mg/L	7.9	31.0	40.1	12.5	26.6	24.4
Chloride	mg/L	0.62 J	3.3	4.4	3.8	0.84 J	0.80 J
Fluoride	mg/L	0.057 J	< 0.050	0.16	< 0.050	< 0.050	< 0.050
pH, Field	SU	6.22	7.29	7.46	6.16	7.80	7.78
Sulfate	mg/L	< 0.50	15.6	51.8	6.4	1.4	< 0.50
TDS	mg/L	75.0	137	252	73.0	127	124
APPENDIX I							
Antimony	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	0.00058 J	< 0.00050
Arsenic	mg/L	0.0053	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Barium	mg/L	0.023	0.025	0.095	0.014	0.013	0.011
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	0.00067	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012
Chromium	mg/L	< 0.0012	0.0035 J	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Cobalt	mg/L	0.0033 J	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Copper	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Lead	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	0.00040 J	< 0.00025
Mercury	mg/L	< 0.000091	< 0.00012	< 0.000091	< 0.00012	< 0.00012	< 0.00012
Nickel	mg/L	0.0026 J	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Selenium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Silver	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Zinc	mg/L	0.017 J	< 0.0025	0.0025 J	< 0.0025	0.0035 J	< 0.0025
Additional Parameters							
Bicarbonate Alkalinity as CaCO3	mg/L	50.4	108	157	44.7	130	126
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	50.4	108	157	44.7	130	126
Iron	mg/L	9.7	0.67	0.87	0.24	0.68	0.55
Magnesium	mg/L	4.0	11.8	18.0	6.0	14.2	13.6
Manganese	mg/L	0.21	0.052	0.0025 J	0.0071 J	0.0013 J	0.0032 J
Potassium	mg/L	1.1	1.8	1.0	1.2	0.86	0.95
Sodium	mg/L	2.5	1.9	20.8	2.3	1.3	2.7

Notes:

mg/L - milligrams per liter

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TDS - Total Dissolved Solids

Table 5
Groundwater Analytical Data Summary
Georgia Power Company
Plant Bowen - Landfill Cell 3 & 4
Bartow County, GA

	Sample Location	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R	GWC-21R	GWC-22R	GWC-23R
	Sample Date	02/25/2025	02/25/2025	02/20/2025	02/19/2025	02/20/2025	02/20/2025	02/25/2025	02/20/2025	02/25/2025
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.0083 J	< 0.0062	< 0.0062	< 0.0062	< 0.0062	< 0.0062	< 0.0062	< 0.0062	< 0.0062
Calcium	mg/L	74.7	67.4	23.5	29.9	32.0	39.7	53.8	33.4	64.6
Chloride	mg/L	1.2	4.0	2.0	2.2	2.2	1.8	2.4	2.2	1.1
Fluoride	mg/L	0.11	0.060 J	< 0.050	< 0.050	< 0.050	< 0.050	0.057 J	< 0.050	0.064 J
pH, Field	SU	6.81	7.06	6.96	7.80	7.76	7.68	7.58	7.26	7.25
Sulfate	mg/L	9.0	6.6	1.9	1.8	2.5	1.3	2.8	1.1	25.5
TDS	mg/L	312	305	119	144	153	172	241	154	329
APPENDIX I										
Antimony	mg/L	0.013	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	0.00093 J	0.0010 J	< 0.00050
Arsenic	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0016 J	< 0.0012
Barium	mg/L	0.039	0.019	0.014	0.014	0.016	0.033	0.024	0.042	0.023
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012
Chromium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Cobalt	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Copper	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Lead	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	0.00026 J	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Mercury	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012
Nickel	mg/L	0.0097	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Selenium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Silver	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Thallium	mg/L	0.00023 J	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.00028 J	< 0.00015	0.00022 J
Vanadium	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Zinc	mg/L	0.025	< 0.0025	< 0.0025	< 0.0025	0.0055 J	< 0.0025	0.0035 J	< 0.0025	0.0037 J
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	326	323	123	145	150	190	256	163	334
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	326	323	123	145	150	190	256	163	334
Iron	mg/L	0.039 J	< 0.012	0.29	0.39	0.79	0.45	0.022 J	0.96	0.036 J
Magnesium	mg/L	33.5	35.7	13.5	17.4	18.0	21.8	29.4	18.9	36.3
Manganese	mg/L	0.025 J	< 0.0012	0.0015 J	< 0.0012	0.022 J	< 0.0012	0.0043 J	0.053	< 0.0012
Potassium	mg/L	2.6	0.81	0.95	0.72	0.78	0.83	0.93	1.4	0.92
Sodium	mg/L	7.4	3.4	1.5	1.4	1.4	2.0	1.8	1.8	16.2

Notes:

mg/L - milligrams per liter

SU - Standard Units

NA - Indicates not analyzed

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

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

TDS - Total Dissolved Solids

Table 5
Groundwater Analytical Data Summary
Georgia Power Company
Plant Bowen - Landfill Cell 3 & 4
Bartow County, GA

	Sample Location	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
	Sample Date	02/24/2025	02/25/2025	02/19/2025	02/19/2025	02/19/2025	02/19/2025
ANALYTE	UNITS						
APPENDIX III							
Boron	mg/L	< 0.0062	< 0.0062	0.023 J	0.019 J	< 0.0062	< 0.0062
Calcium	mg/L	30.7	31.8	48.7	51.1	0.70 J	2.2
Chloride	mg/L	2.0	2.0	3.2	3.1	0.76 J	3.3
Fluoride	mg/L	< 0.050	0.056 J	< 0.050	< 0.050	< 0.050	< 0.050
pH, Field	SU	7.60	7.68	7.01	7.23	5.50	5.36
Sulfate	mg/L	2.0	1.7	22.5	18.9	< 0.50	0.52 J
TDS	mg/L	129	160	234	241	< 25.0	< 25.0
APPENDIX I							
Antimony	mg/L	0.0013 J	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Arsenic	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Barium	mg/L	0.016	0.015	0.039	0.036	0.0038 J	0.014
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012
Chromium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0034 J
Cobalt	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0032 J
Copper	mg/L	0.0013 J	< 0.0012	< 0.0012	< 0.0012	0.016	< 0.0012
Lead	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Mercury	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012
Nickel	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.017	0.0014 J
Selenium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Silver	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Zinc	mg/L	< 0.0025	< 0.0025	0.017 J	0.013 J	0.0046 J	0.0029 J
Additional Parameters							
Bicarbonate Alkalinity as CaCO3	mg/L	149	156	206	221	5.5	6.2
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	149	156	206	221	5.5	6.2
Iron	mg/L	0.42	< 0.012	0.55	0.75	0.024 J	0.064
Magnesium	mg/L	17.5	17.7	25.4	26.3	0.28	0.51
Manganese	mg/L	0.0048 J	< 0.0012	0.0016 J	0.011 J	0.010 J	0.091
Potassium	mg/L	0.84	0.72	1.6	1.4	0.45 J	0.46 J
Sodium	mg/L	1.4	1.3	1.8	1.8	2.8	3.4

Notes:

mg/L - milligrams per liter

SU - Standard Units

NA - Indicates not analyzed

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

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

TDS - Total Dissolved Solids

Table 5
Groundwater Analytical Data Summary
Georgia Power Company
Plant Bowen - Landfill Cell 9 & 10
Bartow County, GA

	Sample Location	GWA-39RZ	GWA-39Z	GWA-40	GWA-41	GWA-41R	GWA-42	GWA-43	GWA-43R	GWC-44
	Sample Date	02/26/2025	02/25/2025	02/25/2025	02/25/2025	02/25/2025	02/25/2025	02/25/2025	02/25/2025	02/26/2025
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	< 0.0062	< 0.0062	< 0.0062	0.0094 J	0.017 J	< 0.0062	< 0.0062	0.011 J	0.0098 J
Calcium	mg/L	35.4	17.4	26.3	31.7	34.0	38.9	1.6	23.2	7.3
Chloride	mg/L	1.2	0.96 J	0.99 J	0.99 J	0.95 J	2.3	1.1	1.5	4.0
Fluoride	mg/L	0.061 J	0.076 J	0.066 J	0.052 J	0.050 J	0.060 J	< 0.050	< 0.050	0.059 J
pH, Field	SU	7.40	6.66	7.51	6.80	6.63	7.41	5.28	7.77	4.36
Sulfate	mg/L	2.4	1.2	0.71 J	5.0	5.8	1.2	< 0.50	2.1	16.1
TDS	mg/L	156	91.0	119	142	161	155	< 25.0	140	63.0
APPENDIX I										
Antimony	mg/L	0.0022 J	< 0.00050	< 0.00050	< 0.00050	0.0089	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Arsenic	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Barium	mg/L	0.016	0.019	0.0083	0.019	0.037	0.0071	0.010	0.0074	0.030
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	0.00016 J	< 0.00012	< 0.00012	< 0.00012
Chromium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Cobalt	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0019 J
Copper	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0035 J	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Lead	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	0.00043 J
Mercury	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012
Nickel	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0016 J	0.0015 J	< 0.0012	< 0.0012	< 0.0012
Selenium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0026 J
Silver	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Zinc	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	0.0032 J	0.010 J	< 0.0025	< 0.0025	0.0040 J
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	151	82.2	121	139	157	157	< 5.0	141	< 5.0
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	151	82.2	121	139	157	157	< 5.0	141	< 5.0
Iron	mg/L	0.19	< 0.012	< 0.012	0.041	0.47	< 0.012	0.069	0.18	< 0.012
Magnesium	mg/L	18.6	9.8	14.2	17.6	16.5	16.2	0.42	17.6	1.6
Manganese	mg/L	0.048	0.0033 J	< 0.0012	0.0057 J	0.42	< 0.0012	0.021 J	0.014 J	0.055
Potassium	mg/L	1.2	1.4	1.0	1.4	2.9	0.36 J	0.32 J	0.52	1.1
Sodium	mg/L	1.3	1.5	1.0	0.68 J	0.75 J	2.0	1.1	1.0	2.4

Notes:

mg/L - milligrams per liter

SU - Standard Units

NA - Indicates not analyzed

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

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

TDS - Total Dissolved Solids

Table 5
Groundwater Analytical Data Summary
Georgia Power Company
Plant Bowen - Landfill Cell 9 & 10
Bartow County, GA

	Sample Location	GWC-45	GWC-45R	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-48	GWC-49R	GWC-49Z
	Sample Date	02/26/2025	02/26/2025	02/26/2025	02/26/2025	02/26/2025	02/26/2025	05/01/2025	02/26/2025	02/26/2025
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	< 0.0062	0.0069 J	< 0.0062	< 0.0062	< 0.0062	< 0.0062	NA	< 0.0062	< 0.0062
Calcium	mg/L	1.0	40.3	44.6	28.6	36.7	5.7	NA	26.9	0.70 J
Chloride	mg/L	0.65 J	2.9	3.4	1.9	1.9	5.5	NA	0.88 J	0.85 J
Fluoride	mg/L	< 0.050	0.055 J	0.053 J	0.073 J	0.063 J	0.085 J	NA	0.050 J	< 0.050
pH, Field	SU	4.85	7.36	7.57	7.53	7.75	4.95	4.92	7.65	5.18
Sulfate	mg/L	< 0.50	3.3	3.2	7.0	9.6	14.8	NA	1.4	0.51 J
TDS	mg/L	< 25.0	185	202	129	153	44.0	NA	119	< 25.0
APPENDIX I										
Antimony	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	NA	0.00083 J	0.0011 J
Arsenic	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0013 J	NA	< 0.0012	< 0.0012
Barium	mg/L	0.0069	0.020	0.012	0.0090	0.0084	0.055	NA	0.011	0.0045 J
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.00044 J	NA	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00012	< 0.00012	< 0.00012	0.00017 J	< 0.00012	0.00030 J	NA	< 0.00012	< 0.00012
Chromium	mg/L	< 0.0012	< 0.0012	0.0039 J	0.0021 J	0.0040 J	0.0013 J	NA	< 0.0012	< 0.0012
Cobalt	mg/L	0.0015 J	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0035 J	NA	< 0.0012	0.0014 J
Copper	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	NA	< 0.0012	< 0.0012
Lead	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	NA	< 0.00025	< 0.00025
Mercury	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	0.00062	0.00049	< 0.00012	< 0.00012
Nickel	mg/L	0.0013 J	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0097	NA	< 0.0012	0.0022 J
Selenium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.0069	0.0060	< 0.0012	< 0.0012
Silver	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	NA	< 0.00025	< 0.00025
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	NA	< 0.00015	< 0.00015
Vanadium	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA	< 0.0025	< 0.0025
Zinc	mg/L	< 0.0025	< 0.0025	< 0.0025	0.050	0.018 J	0.016 J	NA	< 0.0025	< 0.0025
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	< 5.0	177	210	121	140	< 5.0	NA	120	< 5.0
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	NA	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	< 5.0	177	210	121	140	< 5.0	NA	120	< 5.0
Iron	mg/L	< 0.012	< 0.012	< 0.012	0.030 J	< 0.012	< 0.012	NA	< 0.012	0.039 J
Magnesium	mg/L	0.66	22.2	22.9	14.6	17.7	3.4	NA	15.0	0.33
Manganese	mg/L	0.033 J	< 0.0012	< 0.0012	< 0.0012	< 0.0012	0.38 J	NA	< 0.0012	0.082
Potassium	mg/L	0.30 J	0.82	2.5	0.90	1.6	0.40 J	NA	0.84	0.49 J
Sodium	mg/L	1.7	2.0	6.2	2.8	2.9	2.9	NA	1.7	2.3

Notes:

mg/L - milligrams per liter

SU - Standard Units

NA - Indicates not analyzed

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

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

TDS - Total Dissolved Solids

Table 5
Groundwater Analytical Data Summary
Background Sampling Event 9
Georgia Power Company
Plant Bowen - Landfill Cell 5-8
Bartow County, GA

	Sample Location	GWC-26	GWC-27	GWC-27R	GWC-28	GWC-29	GWC-29R	GWC-30	GWC-31	GWC-31R
	Sample Date	03/04/2025	03/04/2025	03/04/2025	03/06/2025	03/05/2025	03/06/2025	03/05/2025	03/05/2025	03/05/2025
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.043	0.0097 J	< 0.0062	0.0077 J	< 0.0062	< 0.0062	< 0.0062	< 0.0062	< 0.0062
Calcium	mg/L	53.8	36.6	30.6	22.1	38.8	32.5	50.4	40.7	36.2
Chloride	mg/L	4.4	2.8	2.2	5.9	2.3	2.1	2.6	3.1	2.6
Fluoride	mg/L	0.053 J	0.054 J	0.069 J	0.14	0.059 J	0.074 J	0.12	0.059 J	0.052 J
pH, Field	SU	7.40	7.72	7.64	7.82	7.49	7.37	7.55	7.35	7.47
Sulfate	mg/L	41.2	21.6	2.7	18.0	1.3	3.9	4.6	3.7	1.2
TDS	mg/L	246	179	147	208	181	152	223	205	174
APPENDIX I										
Antimony	mg/L	< 0.00050	< 0.00050	0.00058 J	< 0.00050	< 0.00050	0.0011 J	0.00073 J	0.00086 J	< 0.00050
Arsenic	mg/L	< 0.0012	< 0.0012	< 0.0012	0.0029 J	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Barium	mg/L	0.025	0.017	0.015	0.017	0.031	0.015	0.022	0.053	0.019
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012
Chromium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Cobalt	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Copper	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Lead	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Mercury	mg/L	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091
Nickel	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Selenium	mg/L	0.0013 J	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Silver	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.00025 J	0.00023 J	< 0.00015	0.00016 J	< 0.00015
Vanadium	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Zinc	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	176	143	145	161	174	145	231	203	168
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	176	143	145	161	174	145	231	203	168
Iron	mg/L	1.0	0.72	0.63	0.68	0.79	0.73	1.1	1.3	0.86
Magnesium	mg/L	22.2	19.2	16.9	14.2	21.0	17.7	26.1	26.2	20.9
Manganese	mg/L	< 0.0012	< 0.0012	0.0024 J	0.063	0.015 J	0.0066 J	0.0059 J	0.13	0.0064 J
Potassium	mg/L	1.4	0.78	0.73	1.3	0.78	0.76	1.1	0.92	0.72
Sodium	mg/L	3.0	1.5	4.3	39.8	1.5	1.8	1.8	1.7	1.8

Notes:

mg/L - milligrams per liter

SU - Standard Units

NA - Indicates not analyzed

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

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

TDS - Total Dissolved Solids

Table 5
Groundwater Analytical Data Summary
Background Sampling Event 9
Georgia Power Company
Plant Bowen - Landfill Cell 5-8
Bartow County, GA

	Sample Location	GWC-32	GWC-33R	GWC-35	GWC-57
	Sample Date	03/06/2025	03/05/2025	03/05/2025	03/04/2025
ANALYTE	UNITS				
APPENDIX III					
Boron	mg/L	0.0064 J	< 0.0062	0.012 J	< 0.0062
Calcium	mg/L	49.2	27.0	55.7	36.5
Chloride	mg/L	3.0	2.7	3.2	2.3
Fluoride	mg/L	0.092 J	0.059 J	0.056 J	< 0.050
pH, Field	SU	7.08	7.69	7.37	7.60
Sulfate	mg/L	4.3	2.1	7.6	2.1
TDS	mg/L	208	128	240	162
APPENDIX I					
Antimony	mg/L	< 0.00050	0.0017 J	< 0.00050	< 0.00050
Arsenic	mg/L	0.0054	< 0.0012	< 0.0012	< 0.0012
Barium	mg/L	0.033	0.0019 J	0.027	0.0035 J
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012
Chromium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Cobalt	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Copper	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Lead	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Mercury	mg/L	< 0.000091	< 0.000091	< 0.000091	< 0.000091
Nickel	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Selenium	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Silver	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Zinc	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Additional Parameters					
Bicarbonate Alkalinity as CaCO3	mg/L	208	113	254	172
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	208	113	254	172
Iron	mg/L	3.2	0.57	1.1	0.81
Magnesium	mg/L	22.2	12.0	30.3	20.5
Manganese	mg/L	0.096	< 0.0012	0.0037 J	0.11
Potassium	mg/L	1.4	0.32 J	1.4	0.37 J
Sodium	mg/L	3.3	4.4	3.0	2.2

Notes:

mg/L - milligrams per liter

SU - Standard Units

NA - Indicates not analyzed

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

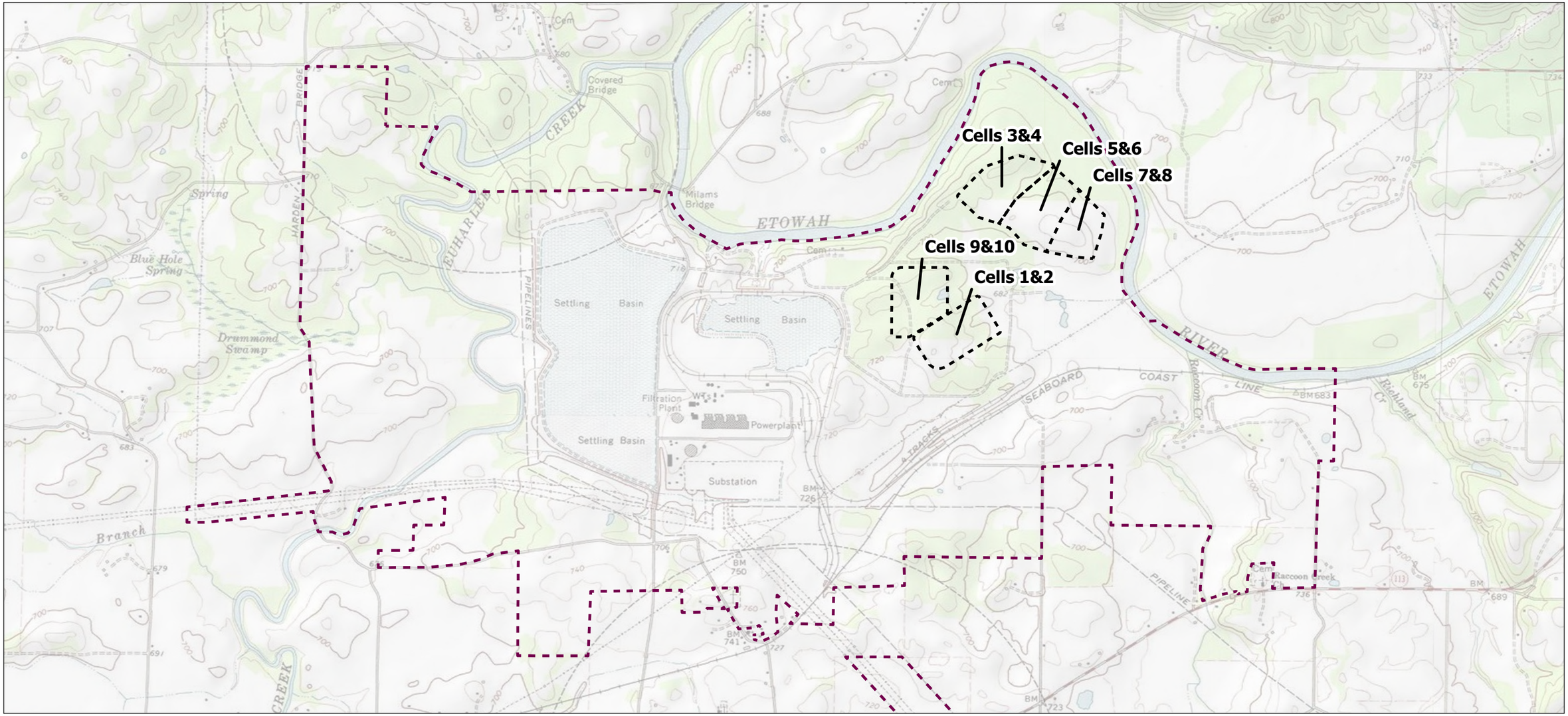
J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

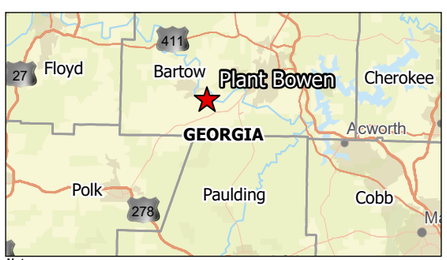
TDS - Total Dissolved Solids

Table 6
Statistical Method Summary
Georgia Power Company
Plant Bowen – Landfill Cells 1-10
Bartow County, GA

Statistical Methodology	Data Screening on Proposed Background	Evaluate outliers, trends, and seasonality when sufficient data are available
	Statistical Limits	Interwell statistical limits are applied on a parameter basis, depending on the appropriateness of the method as determined by the Analysis of Variance. Intrawell statistical limits are applied on a parameter basis, depending on the appropriateness of the method.
	Prediction Limits	When data contain between 15-50% non-detects the Kaplan-Meier non-detect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit. Non-parametric means data sets contain greater than 50% non-detects or data are not normally or transformed-normally distributed.
	Management of Non-Detects	When data contain less than 15% non-detects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the practical quantitation limit (PQL) as reported by the laboratory. When data contain between 15-50% non-detects the Kaplan-Meier non-detect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
	Confidence Intervals	Used in Assessment and Corrective Action monitoring.
	No Statistical Testing	Statistical testing is not required for parameters containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
	Verification Resample Plan	Optional 1-of-2 with minimum of 8 samples per well for interwell and intrawell testing.
	Optional	▪ Interwell statistical methods may be used as a second step to determine if an apparent statistically significant increase (SSI) identified by intrawell statistical methods is below sitewide background. ▪ Initial statistical exceedance warrants independent resampling within 90 days. ▪ If resample passes, well/parameter is not a confirmed SSI. ▪ If resample exceeds, well/parameter has a confirmed SSI. ▪ If no resample is collected, the original result is deemed verified.

FIGURES





Notes
1. Coordinate System: NAD 1983 StatePlane Georgia West FIPS 1002 Feet
2. Data Sources: Site and Landfill Boundaries provided by Southern Company Services and Wood Environment & Infrastructure Solutions
3. Background: Copyright:© 2013 National Geographic Society, i-cubed, Esri, TomTom, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, USFWS

Legend
- Approximate Site Boundary
- Landfill Cell Boundary (Approximate)

0 2,000 4,000 Feet

(At original document size of 11x17)
1:24,000

N

Stantec

Georgia Power

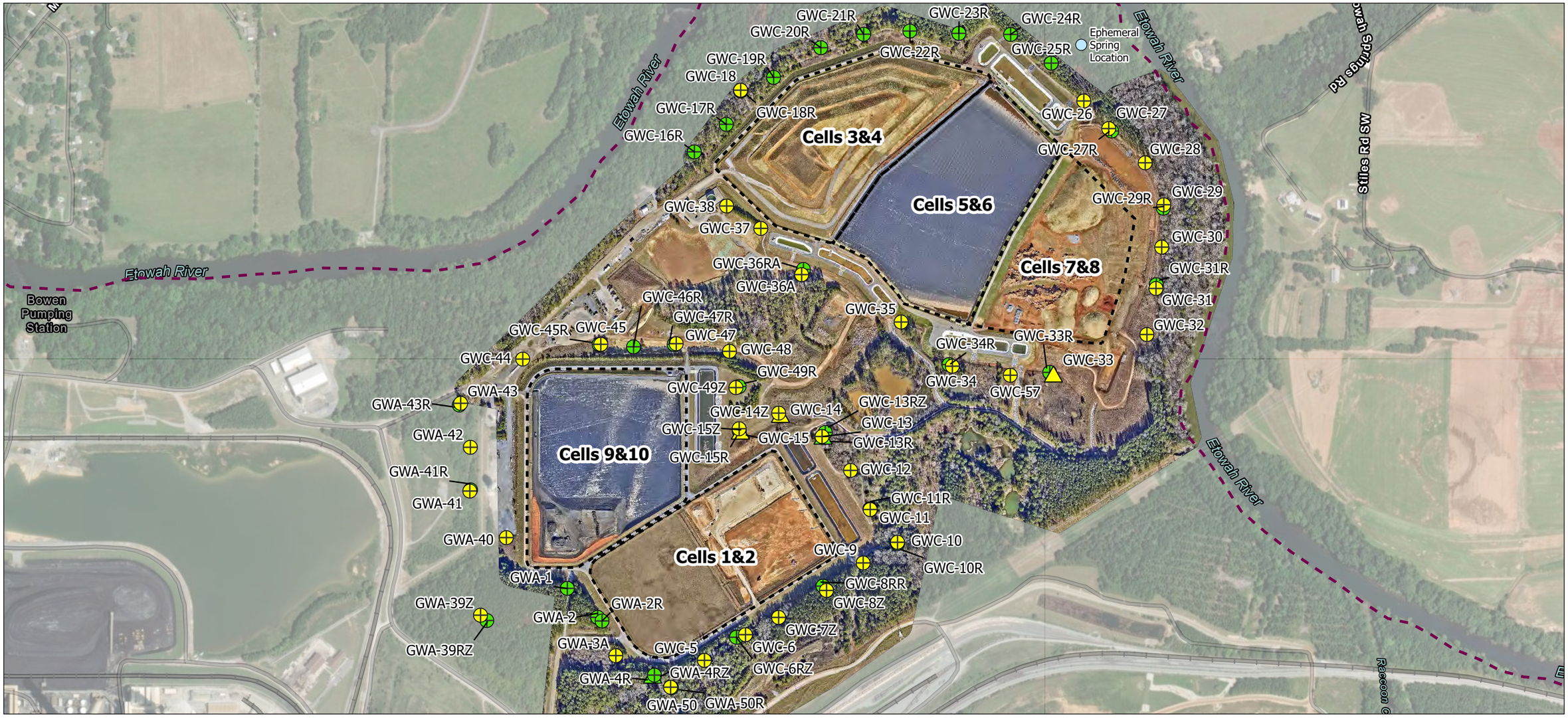
Project Location
Euharlee, Georgia

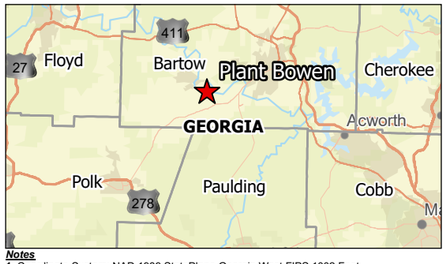
Prepared by CA on 3/18/2025
TR by MP on 3/18/2025
IR by MD on 3/18/2025

Client/Project 172678190
Georgia Power
2025 Semi-Annual Groundwater Monitoring and Corrective Action Report – Plant Bowen Cells 1-10

Figure No.
1

Title
Site Location Map





Notes
1. Coordinate System: NAD 1983 StatePlane Georgia West FIPS 1002 Feet
2. Data Sources: Landfill Boundaries, Site Boundary, and Monitoring Well locations provided by Southern Company Services and Wood Environment & Infrastructure Solutions
3. Plant imagery provided by client. Supplemental Background: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Esri, TomTom, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, USFWS, Esri Community Maps Contributors, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

Legend

- Detection Monitoring Well (Overburden)
- Water Level Piezometer (Overburden)
- Detection Monitoring Well (Bedrock)
- Water Level Piezometer (Bedrock)
- Approximate Site Boundary
- Landfill Cell Boundary (Approximate)
- Ephemeral Spring Location

0 700 1400 Feet

(At original document size of 11x17)
1:8,400

N

Stantec

Georgia Power

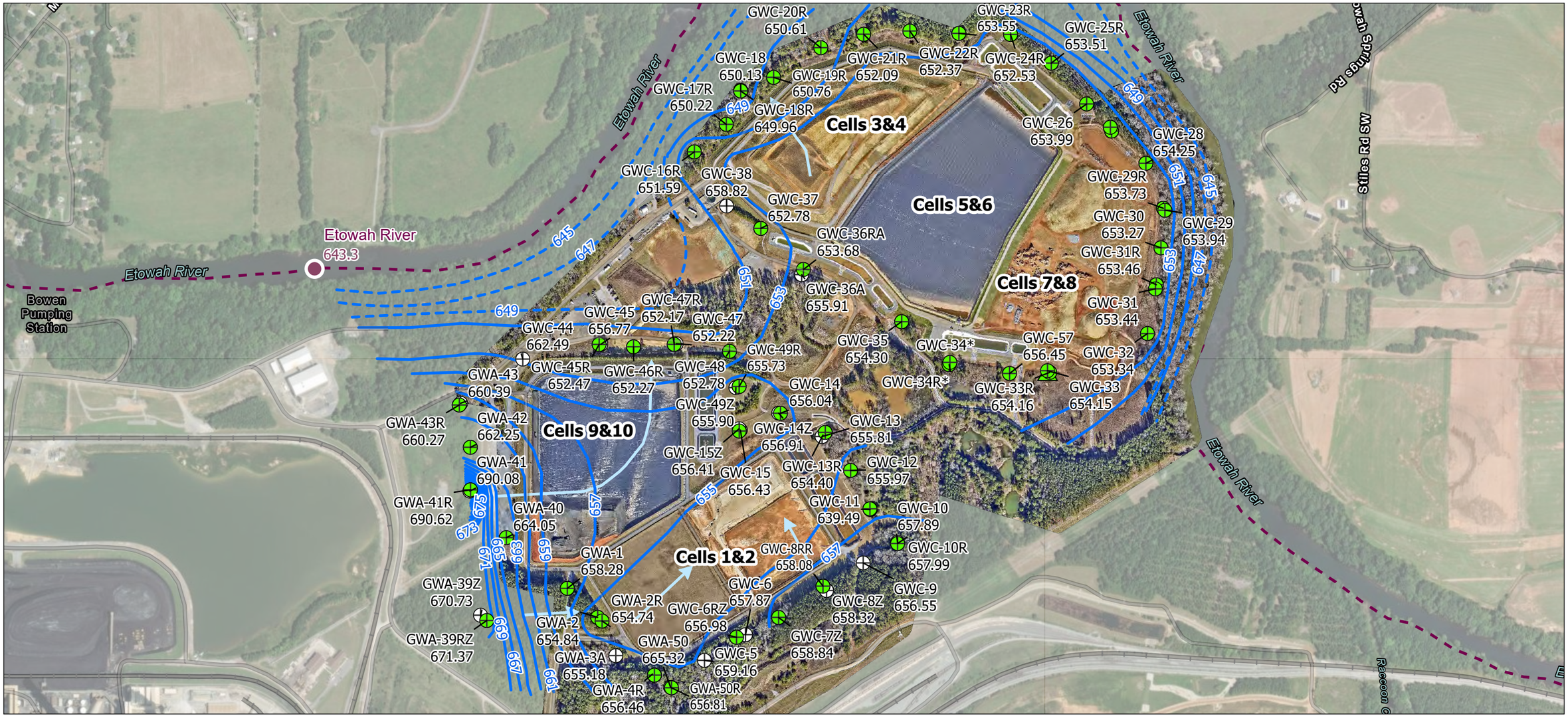
Project Location
Euharlee, Georgia

Prepared by CA on 3/18/2025
TR by MP on 3/18/2025
IR by MD on 3/18/2025

Client/Project 172678190
Georgia Power
2025 Semi - Annual Groundwater Monitoring and Corrective Action Report – Plant Bowen Cells 1-10

Figure No.
2

Title
Monitoring Well Network



Notes

1. Coordinate System: NAD 1983 StatePlane Georgia West FIPS 1002 Feet
2. Data Sources: Landfill Boundaries, Site Boundary, Monitoring Well, Flow Arrow, and Contour locations provided by Southern Company Services and Wood Environment & Infrastructure Solutions
3. Plant imagery provided by client. Supplemental Background: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Esri, TomTom, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, USFWS, Esri Community Maps Contributors, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

Legend

- Water Level Piezometer
- Detection Monitoring Well
- Detection Monitoring Well Not Used for Contouring
- Interpreted Groundwater Flow Direction
- Surface Water Elevation at Gaging Location (feet (ft) NAVD88)
- Approximate Site Boundary
- Landfill Cell Boundary (Approximate)
- Potentiometric Surface Contours February 2025 (feet (ft) NAVD88)
- Inferred Potentiometric Surface Contours February 2025

668.54 Groundwater Elevation (ft NAVD88)

* GWC-34 and GWC-34R were not measured due to flooding

0 700 1,400 Feet

(At original document size of 11x17)
1:8,400

N

KATIE T. ROSS GEORGIA REGISTERED PROFESSIONAL GEOLOGIST No. 1776

Stantec

Georgia Power

Project Location
Euharlee, Georgia

Prepared by CA on 8/14/2025
TR by MP on 8/14/2025
IR by MD on 8/14/2025

Client/Project 172678190

Georgia Power
2025 Semi- Annual Groundwater Monitoring and Corrective Action Report – Plant Bowen Cells 1-10

Figure No.
3

Title
Potentiometric Surface - February 2025

APPENDIX A
WELL INSPECTIONS

Well Inspection

Site Name: Plant Bowen LF

Date: 2/17/2025

Permit Number: 008-018D

Field Conditions: Temps 46/27

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
GWA-1	YES	YES	NO	YES
GWA-2	YES	YES	NO	YES
GWA-2R	YES	YES	NO	YES
GWA-3A	YES	YES	NO	YES
GWA-4RZ	YES	YES	NO	YES
GWC-5	YES	YES	NO	YES
GWC-6	YES	YES	NO	YES
GWC-6RZ	YES	YES	NO	YES
GWC-7Z	YES	YES	NO	YES
GWC-8Z	YES	YES	NO	YES
GWC-8RR	YES	YES	NO	YES
GWC-9	YES	YES	NO	YES
GWC-10	YES	YES	NO	YES
GWC-10R	YES	YES	NO	YES
GWC-11	YES	YES	NO	YES
GWC-11R	YES	YES	NO	YES
GWC-12	YES	YES	NO	YES
GWC-13	YES	YES	NO	YES
GWC-13RZ	YES	YES	NO	YES
GWC-14Z	YES	YES	NO	YES
GWC-15Z	YES	YES	NO	YES
GWC-15R	YES	YES	NO	YES
GWA-50	YES	YES	NO	YES
GWA-50R	YES	YES	NO	YES
GWC-36A	YES	YES	NO	YES
GWC-36RA	YES	YES	NO	YES
GWC-37	YES	YES	NO	YES
GWC-38	YES	YES	NO	YES
GWC-16R	YES	YES	NO	YES
GWC-17R	YES	YES	NO	YES
GWC-18	YES	YES	NO	YES
GWC-18R	YES	YES	NO	YES
GWC-19R	YES	YES	NO	YES
GWC-20R	YES	YES	NO	YES
GWC-21R	YES	YES	NO	YES
GWC-22R	YES	YES	NO	YES
GWC-23R	YES	YES	NO	YES

Well Inspection

Site Name: Plant Bowen LF

Date: 2/17/2025

Permit Number: 008-018D

Field Conditions: Temps 46/27

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
GWC-24R	YES	YES	NO	YES
GWC-25R	YES	YES	NO	YES
GWA-39Z	YES	YES	NO	YES
GWA-39RZ	YES	YES	NO	YES
GWA-40	YES	YES	NO	YES
GWA-41	YES	YES	NO	YES
GWA-41R	YES	YES	NO	YES
GWA-42	YES	YES	NO	YES
GWA-43	YES	YES	NO	YES
GWA-43R	YES	YES	NO	YES
GWC-44	YES	YES	NO	YES
GWC-45	YES	YES	NO	YES
GWC-45R	YES	YES	NO	YES
GWC-46R	YES	YES	NO	YES
GWC-47	YES	YES	NO	YES
GWC-47R	YES	YES	NO	YES
GWC-48	YES	YES	NO	**NO**
GWC-49Z	YES	YES	NO	YES
GWC-49R	YES	YES	NO	YES
GWC-26	YES	YES	NO	YES
GWC-27	YES	YES	NO	YES
GWC-27R	YES	YES	NO	YES
GWC-28	YES	YES	NO	YES
GWC-29	YES	YES	NO	YES
GWC-29R	YES	YES	NO	YES
GWC-30	YES	YES	NO	YES
GWC-31	YES	YES	NO	YES
GWC-31R	YES	YES	NO	YES
GWC-32	YES	YES	NO	YES
GWC-33R	YES	YES	NO	YES
GWC-57	YES	YES	NO	YES
GWC-34	**NO**	YES	NO	**NO**
GWC-34R	**NO**	YES	NO	**NO**
GWC-35	YES	YES	NO	YES

Well Inspection

Site Name: Plant Bowen LF

Date: 2/17/2025

Permit Number: 008-018D

Field Conditions: Temps 46/27

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
GWA-1	YES	YES	YES	YES	YES
GWA-2	YES	YES	YES	YES	YES
GWA-2R	YES	YES	YES	YES	YES
GWA-3A	YES	YES	YES	YES	YES
GWA-4RZ	YES	YES	YES	YES	YES
GWC-5	YES	YES	YES	YES	YES
GWC-6	YES	YES	YES	YES	YES
GWC-6RZ	YES	YES	YES	YES	YES
GWC-7Z	YES	YES	YES	YES	YES
GWC-8Z	YES	YES	YES	YES	YES
GWC-8RR	YES	YES	YES	YES	YES
GWC-9	YES	YES	YES	YES	YES
GWC-10	YES	YES	YES	YES	YES
GWC-10R	YES	YES	YES	YES	YES
GWC-11	YES	YES	YES	YES	YES
GWC-11R	YES	YES	YES	YES	YES
GWC-12	YES	YES	YES	YES	YES
GWC-13	YES	YES	YES	YES	YES
GWC-13RZ	YES	YES	YES	YES	YES
GWC-14Z	YES	YES	YES	YES	YES
GWC-15Z	YES	YES	YES	YES	YES
GWC-15R	YES	YES	YES	YES	YES
GWA-50	YES	YES	YES	YES	YES
GWA-50R	YES	YES	YES	YES	YES
GWC-36A	YES	YES	YES	YES	YES
GWC-36RA	YES	YES	YES	YES	YES
GWC-37	YES	YES	YES	YES	YES
GWC-38	YES	YES	YES	YES	YES
GWC-16R	YES	YES	YES	YES	YES
GWC-17R	YES	YES	YES	YES	YES
GWC-18	YES	YES	YES	YES	YES
GWC-18R	YES	YES	YES	YES	YES
GWC-19R	YES	YES	YES	YES	YES
GWC-20R	YES	YES	YES	YES	YES
GWC-21R	YES	YES	YES	YES	YES
GWC-22R	YES	YES	YES	YES	YES
GWC-23R	YES	YES	YES	YES	YES

Well Inspection

Site Name: Plant Bowen LF

Date: 2/17/2025

Permit Number: 008-018D

Field Conditions: Temps 46/27

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
GWC-24R	YES	YES	YES	YES	YES
GWC-25R	YES	YES	YES	YES	YES
GWA-39Z	YES	YES	YES	YES	YES
GWA-39RZ	YES	YES	YES	YES	YES
GWA-40	YES	YES	YES	YES	YES
GWA-41	YES	YES	YES	YES	YES
GWA-41R	YES	YES	YES	YES	YES
GWA-42	YES	YES	YES	YES	YES
GWA-43	YES	YES	YES	YES	YES
GWA-43R	YES	YES	YES	YES	YES
GWC-44	YES	YES	YES	YES	YES
GWC-45	YES	YES	YES	YES	YES
GWC-45R	YES	YES	YES	YES	YES
GWC-46R	YES	YES	YES	YES	YES
GWC-47	YES	YES	YES	YES	YES
GWC-47R	YES	YES	YES	YES	YES
GWC-48	YES	YES	YES	YES	YES
GWC-49Z	YES	YES	YES	YES	YES
GWC-49R	YES	YES	YES	YES	YES
GWC-26	YES	YES	YES	YES	YES
GWC-27	YES	YES	YES	YES	YES
GWC-27R	YES	YES	YES	YES	YES
GWC-28	YES	YES	YES	YES	YES
GWC-29	YES	YES	YES	YES	YES
GWC-29R	YES	YES	YES	YES	YES
GWC-30	YES	YES	YES	YES	YES
GWC-31	YES	YES	YES	YES	YES
GWC-31R	YES	YES	YES	YES	YES
GWC-32	YES	YES	YES	YES	YES
GWC-33R	YES	YES	YES	YES	YES
GWC-57	YES	YES	YES	YES	YES
GWC-34	YES	YES	YES	YES	YES
GWC-34R	YES	YES	YES	YES	YES
GWC-35	YES	YES	YES	YES	YES

Well Inspection

Site Name: Plant Bowen LF

Date: 2/17/2025

Permit Number: 008-018D

Field Conditions: Temps 46/27

	Surface Pad			Internal Casing		
Well ID:	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
GWA-1	YES	YES	YES	YES	YES	YES
GWA-2	YES	YES	YES	YES	YES	YES
GWA-2R	YES	YES	YES	YES	YES	YES
GWA-3A	YES	YES	YES	YES	YES	YES
GWA-4RZ	YES	YES	YES	YES	YES	YES
GWC-5	YES	YES	YES	YES	YES	YES
GWC-6	YES	YES	**NO**	YES	YES	YES
GWC-6RZ	YES	YES	YES	YES	YES	YES
GWC-7Z	YES	YES	YES	YES	YES	YES
GWC-8Z	YES	YES	YES	YES	YES	YES
GWC-8RR	YES	YES	YES	YES	YES	YES
GWC-9	YES	YES	YES	YES	YES	YES
GWC-10	YES	YES	YES	YES	YES	YES
GWC-10R	YES	YES	YES	YES	YES	YES
GWC-11	YES	YES	YES	YES	YES	YES
GWC-11R	YES	YES	YES	YES	YES	YES
GWC-12	YES	YES	YES	YES	YES	YES
GWC-13	YES	YES	YES	YES	YES	YES
GWC-13RZ	YES	YES	YES	YES	YES	YES
GWC-14Z	YES	YES	YES	YES	YES	YES
GWC-15Z	YES	YES	YES	YES	YES	YES
GWC-15R	YES	YES	YES	YES	YES	YES
GWA-50	YES	YES	YES	YES	YES	YES
GWA-50R	YES	YES	YES	YES	YES	YES
GWA-36A	YES	YES	YES	YES	YES	YES
GWA-36RA	YES	YES	YES	YES	YES	YES
GWA-37	YES	YES	YES	YES	YES	YES
GWA-38	YES	YES	YES	YES	YES	YES
GWC-16R	YES	YES	YES	YES	YES	YES
GWC-17R	YES	YES	YES	YES	YES	YES
GWC-18	YES	YES	YES	YES	YES	YES
GWC-18R	YES	YES	YES	YES	YES	YES
GWC-19R	YES	YES	YES	YES	YES	YES
GWC-20R	YES	YES	YES	YES	YES	YES
GWC-21R	YES	YES	YES	YES	YES	YES
GWC-22R	YES	YES	YES	YES	YES	YES
GWC-23R	YES	YES	YES	YES	YES	YES

Well Inspection

Site Name: Plant Bowen LF

Date: 2/17/2025

Permit Number: 008-018D

Field Conditions: Temps 46/27

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
GWC-24R	YES	YES	YES	YES	YES	YES
GWC-25R	YES	YES	**NO**	YES	YES	YES
GWA-39Z	YES	YES	YES	YES	YES	YES
GWA-39RZ	YES	YES	YES	YES	YES	YES
GWA-40	YES	YES	YES	YES	YES	YES
GWA-41	YES	YES	YES	YES	YES	YES
GWA-41R	YES	YES	YES	YES	YES	YES
GWA-42	YES	YES	YES	YES	YES	YES
GWA-43	YES	YES	YES	YES	YES	YES
GWA-43R	YES	YES	YES	YES	YES	YES
GWC-44	YES	YES	YES	YES	YES	YES
GWC-45	YES	YES	YES	YES	YES	YES
GWC-45R	YES	YES	YES	YES	YES	YES
GWC-46R	YES	YES	YES	YES	YES	YES
GWC-47	YES	YES	YES	YES	YES	YES
GWC-47R	YES	YES	YES	YES	YES	YES
GWC-48	YES	YES	YES	YES	YES	YES
GWC-49Z	YES	YES	YES	YES	YES	YES
GWC-49R	YES	YES	YES	YES	YES	YES
GWC-26	YES	YES	YES	YES	YES	YES
GWC-27	YES	YES	YES	YES	YES	YES
GWC-27R	YES	YES	YES	YES	YES	YES
GWC-28	YES	YES	YES	YES	YES	YES
GWC-29	YES	YES	YES	YES	YES	YES
GWC-29R	YES	YES	YES	YES	YES	YES
GWC-30	YES	YES	YES	YES	YES	YES
GWC-31	YES	YES	YES	YES	YES	YES
GWC-31R	YES	YES	YES	YES	YES	YES
GWC-32	YES	YES	YES	YES	YES	YES
GWA-33R	YES	YES	YES	YES	YES	YES
GWA-57	YES	YES	YES	YES	YES	YES
GWA-34	YES	YES	YES	YES	YES	YES
GWA-34R	YES	YES	YES	YES	YES	YES
GWA-35	YES	YES	YES	YES	YES	YES

Well Inspection

Site Name: Plant Bowen LF

Date: 2/17/2025

Permit Number: 008-018D

Field Conditions: Temps 46/27

Well ID:	Corrective actions as needed, by date:
GWA-1	
GWA-2	
GWA-2R	
GWA-3A	
GWA-4RZ	
GWC-5	
GWC-6	Pad Sounds Hollow
GWC-6RZ	
GWC-7Z	
GWC-8Z	
GWC-8RR	
GWC-9	
GWC-10	
GWC-10R	
GWC-11	
GWC-11R	
GWC-12	
GWC-13	
GWC-13RZ	
GWC-14Z	
GWC-15Z	
GWC-15R	
GWA-50	
GWA-50R	
GWA-36A	
GWA-36RA	
GWA-37	
GWA-38	
GWC-16R	
GWC-17R	
GWC-18	
GWC-18R	
GWC-19R	
GWC-20R	
GWC-21R	
GWC-22R	
GWC-23R	

Well Inspection

Site Name: Plant Bowen LF

Date: 2/17/2025

Permit Number: 008-018D

Field Conditions: Temps 46/27

Well ID:	Corrective actions as needed, by date:
GWC-24R	
GWC-25R	Mild Erosion From Animal
GWA-39Z	
GWA-39RZ	
GWA-40	
GWA-41	
GWA-41R	
GWA-42	
GWA-43	
GWA-43R	
GWC-44	
GWC-45	
GWC-45R	
GWC-46R	
GWC-47	
GWC-47R	
GWC-48	Standing Water Around Pad
GWC-49Z	
GWC-49R	
GWC-26	
GWC-27	
GWC-27R	
GWC-28	
GWC-29	
GWC-29R	
GWC-30	
GWC-31	
GWC-31R	
GWC-32	
GWA-33R	
GWA-57	
GWA-34	Limited Access / Significant flooding in area
GWA-34R	Limited Access / Significant flooding in area
GWA-35	

1080 Holcomb Bridge Road
Building 200, Suite 340
Roswell, GA 30076

MEMORANDUM

Date: August 29, 2025

To: Kevin Stephenson and Kristen Jurinko – Southern Company

CC: Ben Hodges – Georgia Power Company

From: EnSafe Inc

Subject: Plant Bowen Landfill - Well Maintenance and Repair Documentation
Georgia Power Company

EnSafe has prepared this memorandum to provide documentation of groundwater monitoring well maintenance and/or repair performed at PLANT BOWEN during the Semiannual reporting period. All repairs and maintenance were completed in accordance with the Georgia Environmental Protection Division (GAEPD) guidance on routine visual inspections of groundwater monitoring wells.

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/ Repair Performed
Plant Bowen Landfill	6/16/2025	GWC-48	Drainage Improvements Completed

All maintenance and repairs are also documented in the 2025 annual/semiannual groundwater monitoring report.

APPENDIX B
MEMORANDA ON HYDROGEOLOGIC MONITORING PROGRAM

US EPA CCR Rule and GA EPD Rules of Solid Waste Management 391-3-4-.10

Hydrogeological Monitoring Program
December 7, 2024, through June 6, 2025

August 29, 2025

Prepared for:

Georgia Power Company

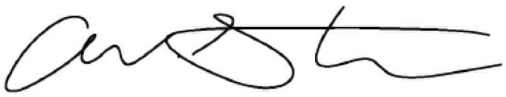
Prepared by:
Andrew Stevens, P.G.

Stantec Consulting Services Inc.

The conclusions in the Report titled US EPA CCR Rule and the Georgia Environmental Protection Division (GA EPD) Rules of Solid Waste Management 391-3-4-.10 are Stantec's professional opinion, as of the time of the Report, and concerning the scope described in the Report. The opinions in the document are based on conditions and information existing at the time the scope of work was conducted and do not take into account any subsequent changes. The Report relates solely to the specific project for which Stantec was retained and the stated purpose for which the Report was prepared. The Report is not to be used or relied on for any variation or extension of the project, or for any other project or purpose, and any unauthorized use or reliance is at the recipient's own risk.

Stantec has assumed all information received from Georgia Power Company (the "Client") and third parties in the preparation of the Report to be correct. While Stantec has exercised a customary level of judgment or due diligence in the use of such information, Stantec assumes no responsibility for the consequences of any error or omission contained therein.

This Report is intended solely for use by the Client in accordance with Stantec's contract with the Client. While the Report may be provided by the Client to applicable authorities having jurisdiction and to other third parties in connection with the project, Stantec disclaims any legal duty based upon warranty, reliance or any other theory to any third party, and will not be liable to such third party for any damages or losses of any kind that may result.

Prepared by 

Signature

Andrew Stevens, P.G.

Printed Name

Reviewed by

Signature

Andreas Shoredits, P.G.

Printed Name

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1 Background 2
2 Maintenance Observations 3
3 Water Level Fluctuations 4
4 Conclusions and Recommendations 5

List of Tables

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List of Figures

Figure 1A – 1B Cells 1 & 2
Figure 2A – 2B Cells 3 & 4
Figure 3A – 3B Cells 5 & 6 and 7 & 8
Figure 4A – 4B Cells 9 & 10

1 Background

Stantec Consulting Services Inc. (Stantec) was retained by Southern Company Services, Inc. (SCS) to assist with the hydrogeological (water level) monitoring program at Georgia Power Company's Plant Bowen (Site) Landfill Cells 1 -10. The work is being conducted to comply with the United States Environmental Protection Agency (US EPA) coal combustion residuals (CCR) rule Title 40 Code of Federal Regulations (40 CFR) 257 Subpart D (CCR Rule) and the Georgia Environmental Protection Division (GA EPD) Rules of Solid Waste Management 391-3-4-.10 United States Environmental Protection Agency (US EPA) coal combustion residuals (CCR) rule to assist with early detection of subsurface changes that might indicate land subsidence or sinkhole formation. Groundwater level fluctuations are monitored in accordance with the 2022 CCR Permit Groundwater Monitoring Plan. This report presents these groundwater level fluctuations during the period of December 7, 2024, through June 6, 2025.

The Site utilizes In-Situ® Inc telemetry and reporting software and pressure transducers to collect and record groundwater elevations from monitoring wells located around the perimeter of the landfill cells. The program was initiated in 2014 at Cells 1 & 2, expanded in 2015, 2016, and 2023 to Cells 3 & 4, Cells 9 & 10, and Cells 5-8, respectively. During this reporting period transducers were deployed in wells as follows:

Cells 1 & 2:

- Ten wells: GWA-2R, GWA-4R, GWC-6RZ, GWC-7Z, GWC-10R, GWC-11, GWC-11R, GWC-13, GWC-13R, and GWC-15R

Cells 3 & 4:

- Eight wells: GWC-16R, GWC-18, GWC-19R, GWC-22R, GWC-24R, GWC-25R, GWC-36A, and GWC-36RA

Cells 5 & 6 and 7 & 8:

- Nine wells: GWC-27, GWC-27R, GWC-29, GWC-29R, GWC-31R, GWC-33, GWC-33R, GWC-34 and GWC-34R

Cells 9 & 10:

- Ten wells: GWA-39Z, GWA-39RZ, GWA-41R, GWA-43, GWA-43R, GWC-45R, GWC-47, GWC-47R, GWC-49R and GWC-48, which replaced GWC-49Z on January 14, 2025

Water level data are electronically logged hourly by each transducer. During this reporting period, logged data were uploaded after each reading via an In-Situ VuLink® telemetry system to an In-Situ® database website (HydroVu®) where the telemetry data are stored and compiled.

In addition to collecting transducer data, Etowah River levels data for the reporting period were obtained from an on-site transducer logging river data at a location near the river intake pumping structure, Northing: 1504757.08, Easting: 2068108.55 North American Datum (NAD) 1983. Daily total precipitation data were obtained from a U.S. Geological Survey station gauge (02394670) near Cartersville, Georgia.

2 Maintenance Observations

SCS Civil Field Services (SCS-CFS) staff performs routine maintenance on transducers within the hydrogeologic monitoring program including battery replacements, transducer maintenance, or reconnection of modem or transducer cables. The monitoring network has been reviewed and optimized to provide widespread spatial coverage to mitigate localized disruptions in the transducer network and prevent loss of monitoring in case of a potential sinkhole formation. During the reporting period, SCS-CFS conducted maintenance on the following locations: GWA-36A, GWA-39Z, GWC-10R, GWC-11R, GWC-13R, GWC-16R, GWC-18, GWC-27, GWC-27R, GWC-33R, GWC-34, GWC-34R, GWC-47, GWC-47R, GWC-49Z, and GWC-48 (Table 1). Although these transducers were not fully operational at these locations during the monitoring period, transducers located in nearby wells do not indicate subsurface changes. The following summarizes the maintenance performed at these locations:

GWC-10R

- Connection with the transducer was lost on January 28, 2025, and connection with the transducer battery was also lost on March 11, 2025. Connection with the transducer resumed and the battery was replaced on April 8, 2025. Data recording has resumed uninterrupted, and the issue has been resolved.

GWC-13R

- Connection with the transducer was lost on March 13, 2025. Connection with the transducer resumed on June 3, 2025. Data recording has resumed uninterrupted, and the issue has been resolved.

GWC-16R

- Data was sporadic from mid-February until the data loss on March 21, 2025. Connection with the transducer was lost on March 21, 2025. Connection with the transducer resumed on June 3, 2025. Data recording has resumed uninterrupted, and the issue has been resolved.

GWC-18

- Connection with the transducer was lost on April 18, 2025. Connection with the transducer resumed on May 5, 2025. Data recording has resumed uninterrupted, and the issue has been resolved.

GWC-27

- Battery life has not been displaying from the beginning of the time frame for this report, December 7, 2025. Battery connection was regained on April 13, 2025. On the same day, connection with the transducer was lost, and remains unconnected at the time of this report.

GWC-34

- Connection to the transducer and battery was lost on February 23, 2025. There was a large rain event starting on March 11, 2025, where the well was flooded for a period of time causing the connection to be lost.

GWC-34R

- Connection to the transducer was lost on March 11, 2025. The well was flooded alongside well GWC-34. On the same day, the battery was replaced and has not been functioning properly through the remaining period of this report.

GWC-49Z and GWC-48

- The transducer from GWC-49Z was taken offline on January 14, 2025, and moved to GWC-48, where it currently operates today. Data recording has resumed uninterrupted since that time.

3 Water Level Fluctuations

Continuous groundwater level data and river stage elevations for the Etowah River were recorded between December 7, 2024, and June 6, 2025. Reporting period hydrographs for Cells 1-10 are shown in Figures 1A through 4B.

Table 1 documents maintenance completed during the reporting period that had the potential to result in water level trend anomalies. During the reporting period, manual groundwater elevation gauging and groundwater sample collection took place from February 19 through March 6, 2025, as well as additional verification groundwater sampling that occurred on May 1, 2025.

These field efforts are considered known disruptions to the water table and are marked on the hydrograph plots (Figures 1A through 4B). Large volume groundwater purging induced water level decreases have been removed from hydrograph plots to preserve consistent graph trends and detailed resolution across all figures. Routine transducer maintenance activities and repairs occurred throughout the monitoring period and consisted of resetting reference water elevation depths, controlling insect infestation in wells, and replacing instrument batteries. Periodic sampling and maintenance may induce drifts in pressure readings. When drifts are noted, the reference depth to water is re-set, and the logging cycle is re-started.

The water levels in monitoring wells equipped with transducers exhibited similar overall trends during the reporting period. Groundwater elevations show an overall slight and steady decrease until the end of February before water levels increased sharply across the Site. Two large rain events in February and April coincided with large increases in water levels across monitoring wells. Water levels decreased again into June.

Starting on the evening of February 11, 2025 through February 14, 2025, storms moved across the state of Georgia resulting in precipitation at the Site exceeding 3.85 inches over this period according to the U.S. Geological Survey station gauge (02394670) near Cartersville, Georgia. Consequent groundwater responses at the Site were captured with transducer data and water level increases observed were on the order of 0.47 feet up to 33.2 feet at GWA-41R. Certain wells showed peak groundwater elevations on the days closest to the precipitation event on February 10 through 14 (e.g. GWC-36RA), while many others kept steadily rising and peaked a few days later on February 15 and 16 (e.g. GWA-41R, GWA-33, GWA-39RZ, GWA-39Z, GWA-43R and GWC-15R, among others). During the monitoring period one well, GWA-41R, showed a rapid rising limb in the hydraulic response to substantial rainfall as well as a rapid falling limb. Post rain event, GWA-41R exhibited similar groundwater trends as other nearby wells, such as GWA-43 and GWA-43R indicating no subsurface changes. A second large rain event occurred between April 6, 2025 and April 7, 2025 that resulted in 3.54 inches of precipitation at the Site and produced similar results in the monitoring wells across the Site as the February rain event.

Overall trends are similar between the river and the wells, but the wells have a muted response compared to the river. There is a longer recovery period for the groundwater responses indicating that there is not an open, unimpeded connection between groundwater and surface water. Both the river stage and the groundwater appear to be affected by some precipitation events. The observed variations in groundwater elevations are attributed to rainfall variations or due to sampling or maintenance activities at the monitoring points. A comparison of river stage and precipitation data with recorded groundwater elevations (Figures 1A through 4B) shows that both sets of data follow similar overall patterns.

4 Conclusions and Recommendations

Observed disruptions in the transducer water levels were found to be directly attributed to (a) drawdown during sampling events, concurrent water level gauging ,; (b) maintenance of wells, transducers, or telemetry units; or (c) precipitation events. December 7, 2024, through June 6, 2025, hydrologic monitoring data did not show water level fluctuations attributed to subsurface changes that might be indicative of land subsidence or sinkhole formation. Hydrogeologic monitoring will continue at Plant Bowen Landfill Cells 1 -10.

Figures

Transducer Groundwater Level Monitoring Hydrographs

Figure 1A

Stantec

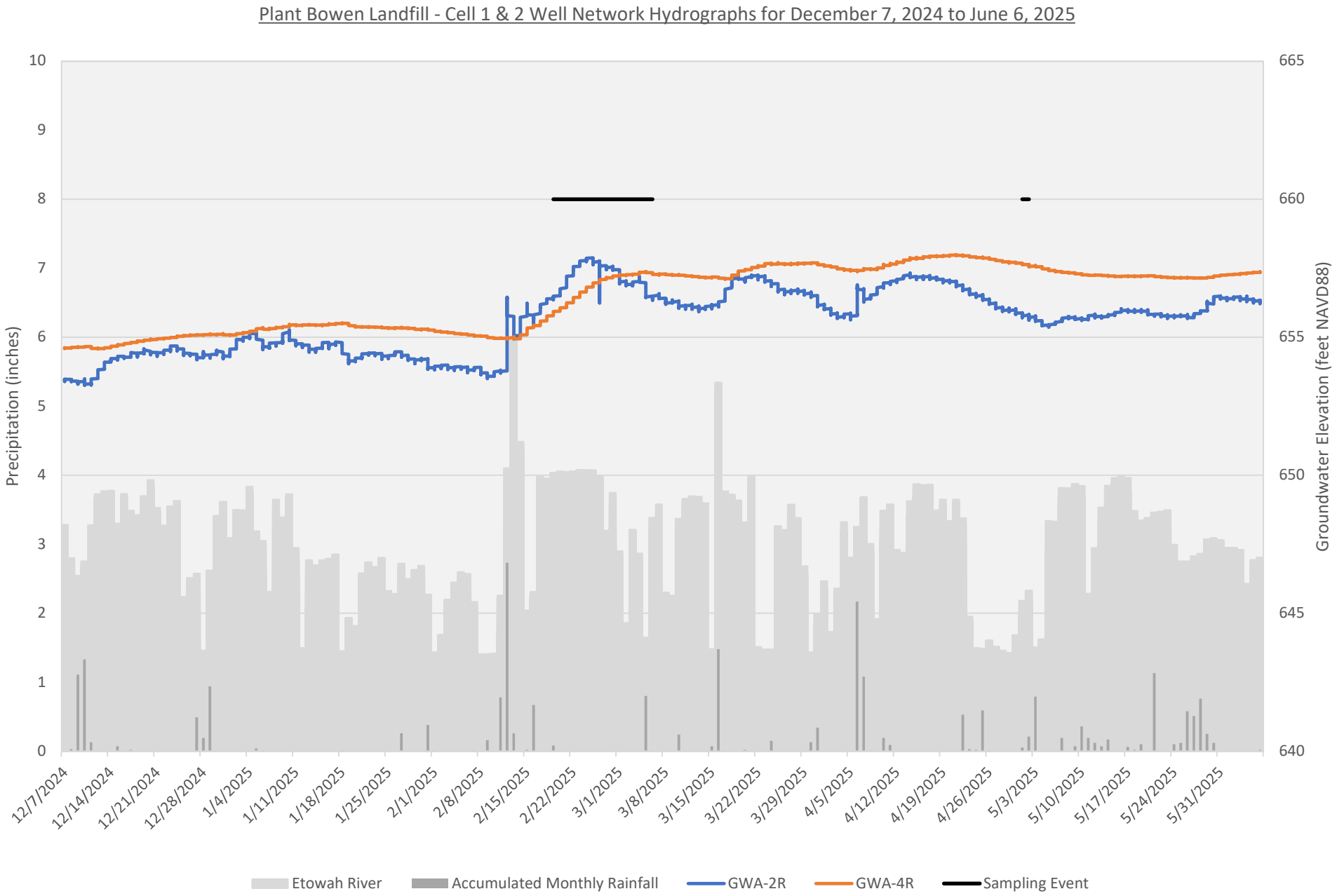

Figure 1B

Stantec

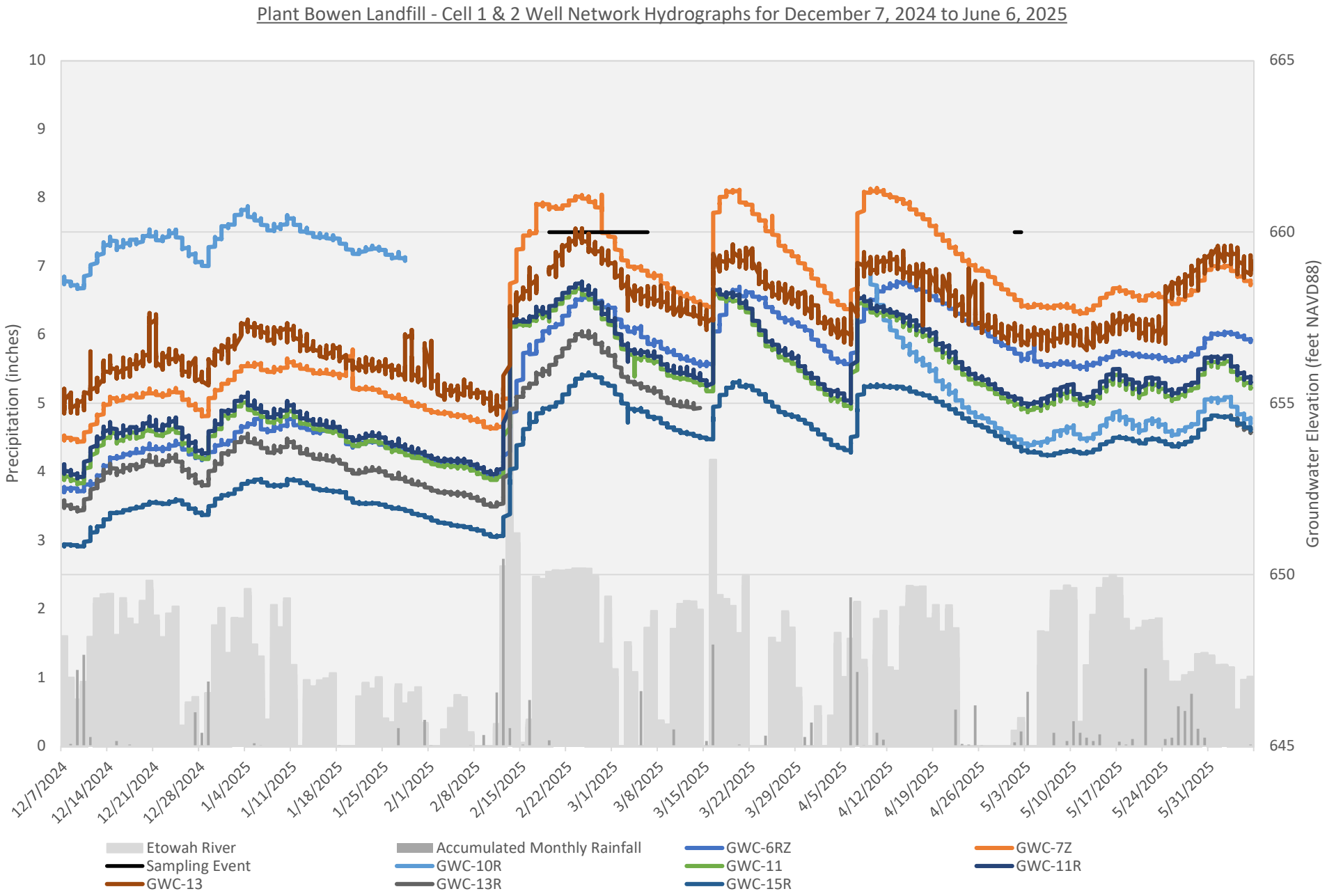

Figure 2A

Stantec

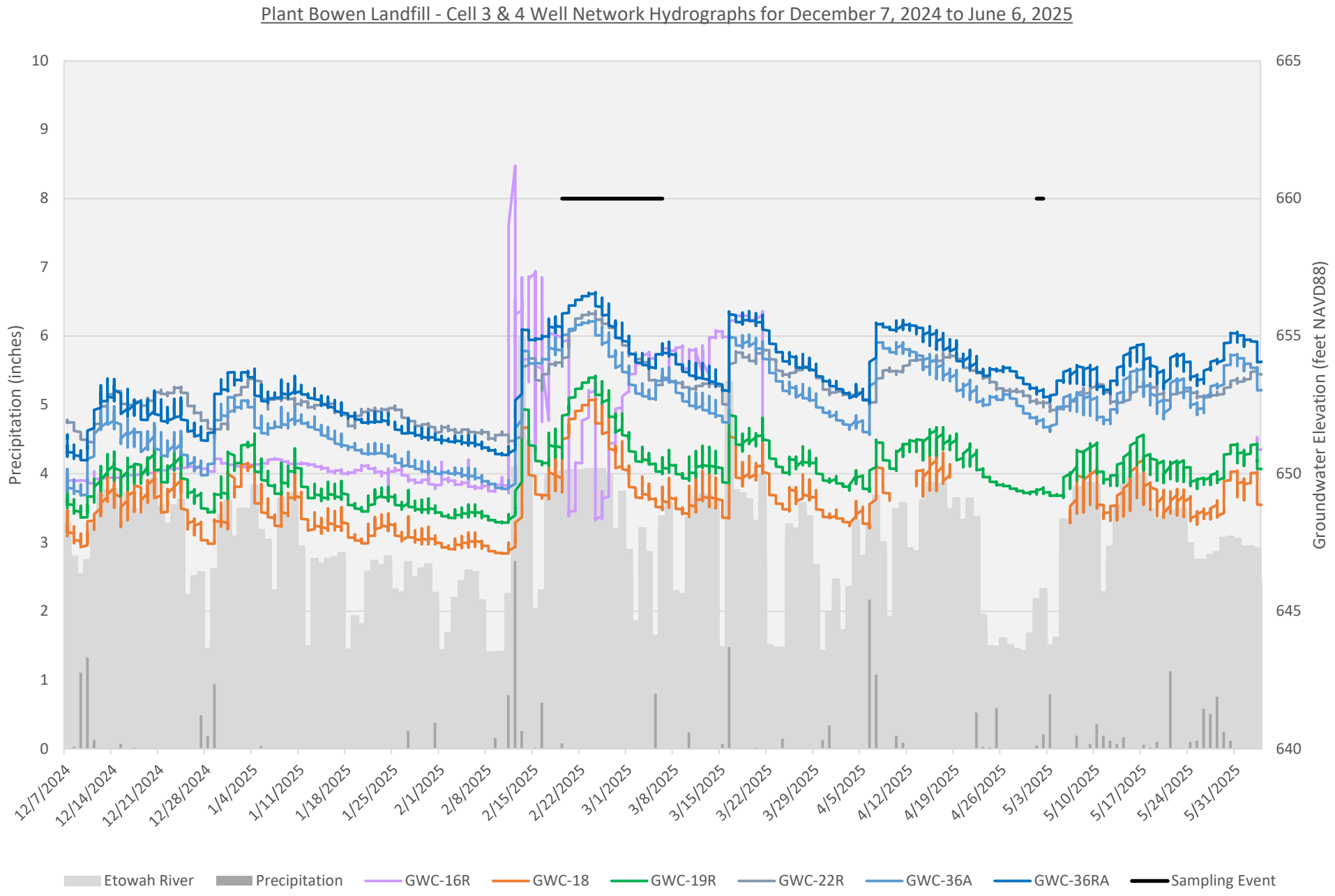

Figure 2B

Stantec

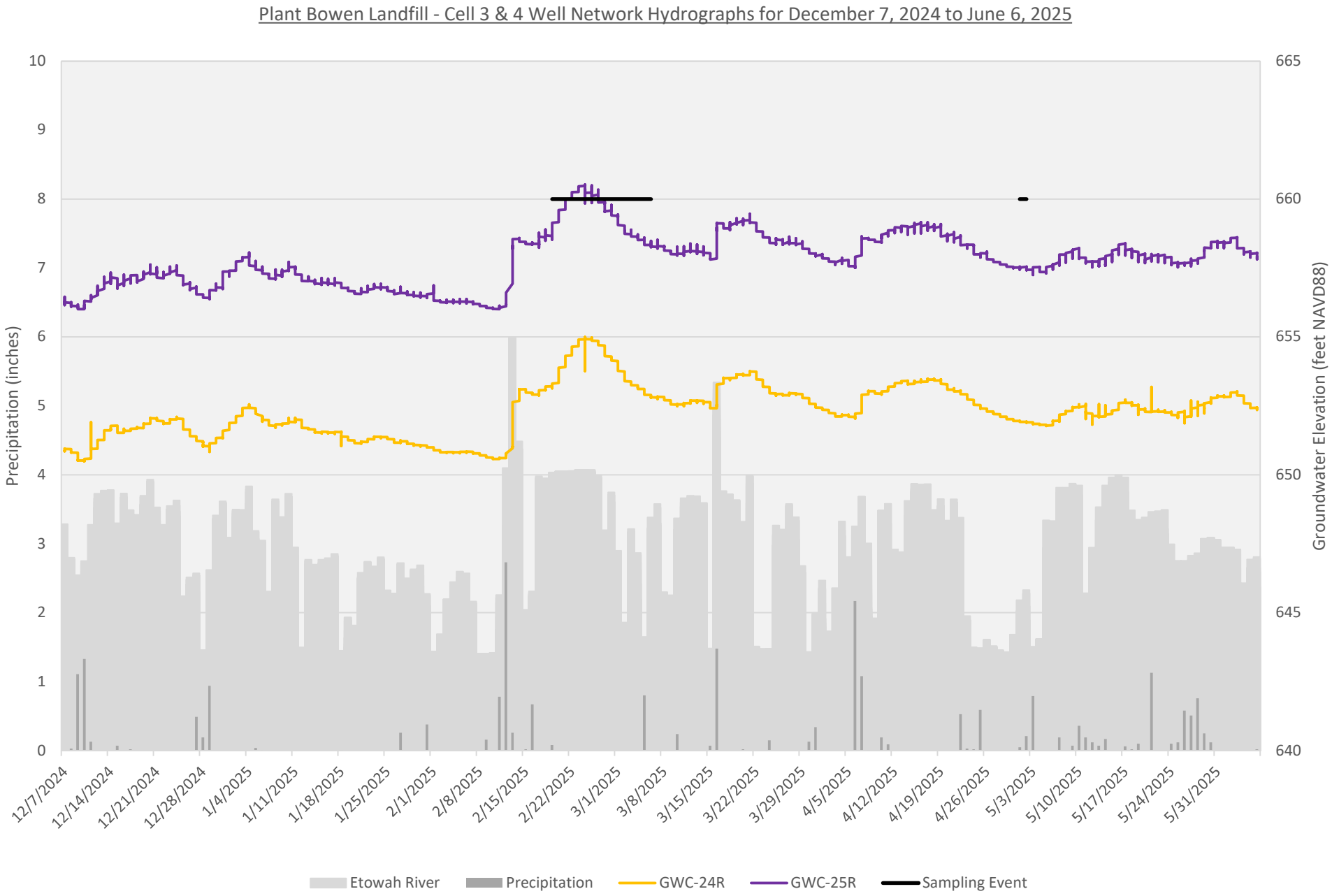

Figure 3A

Stantec

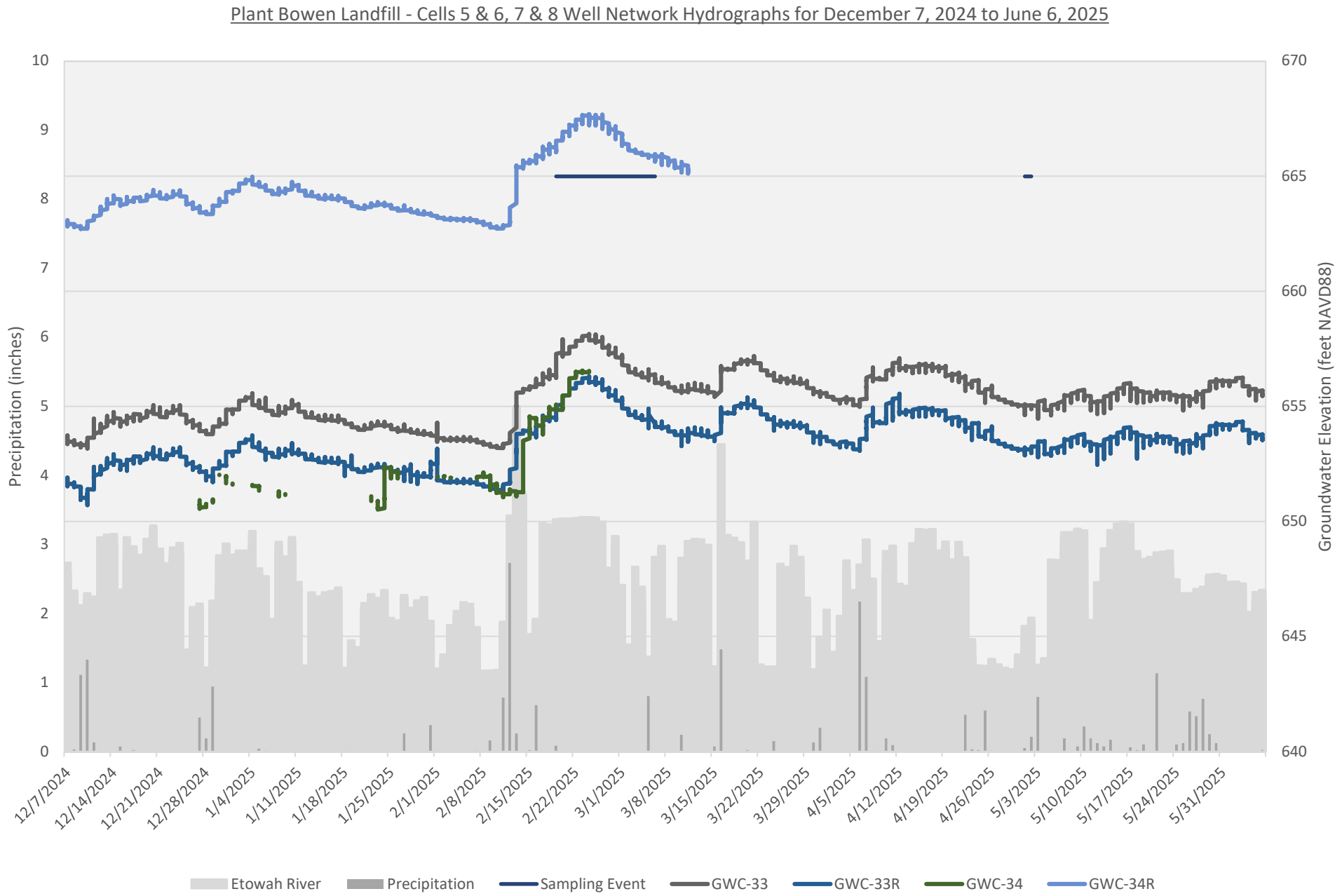

Figure 3B

Stantec

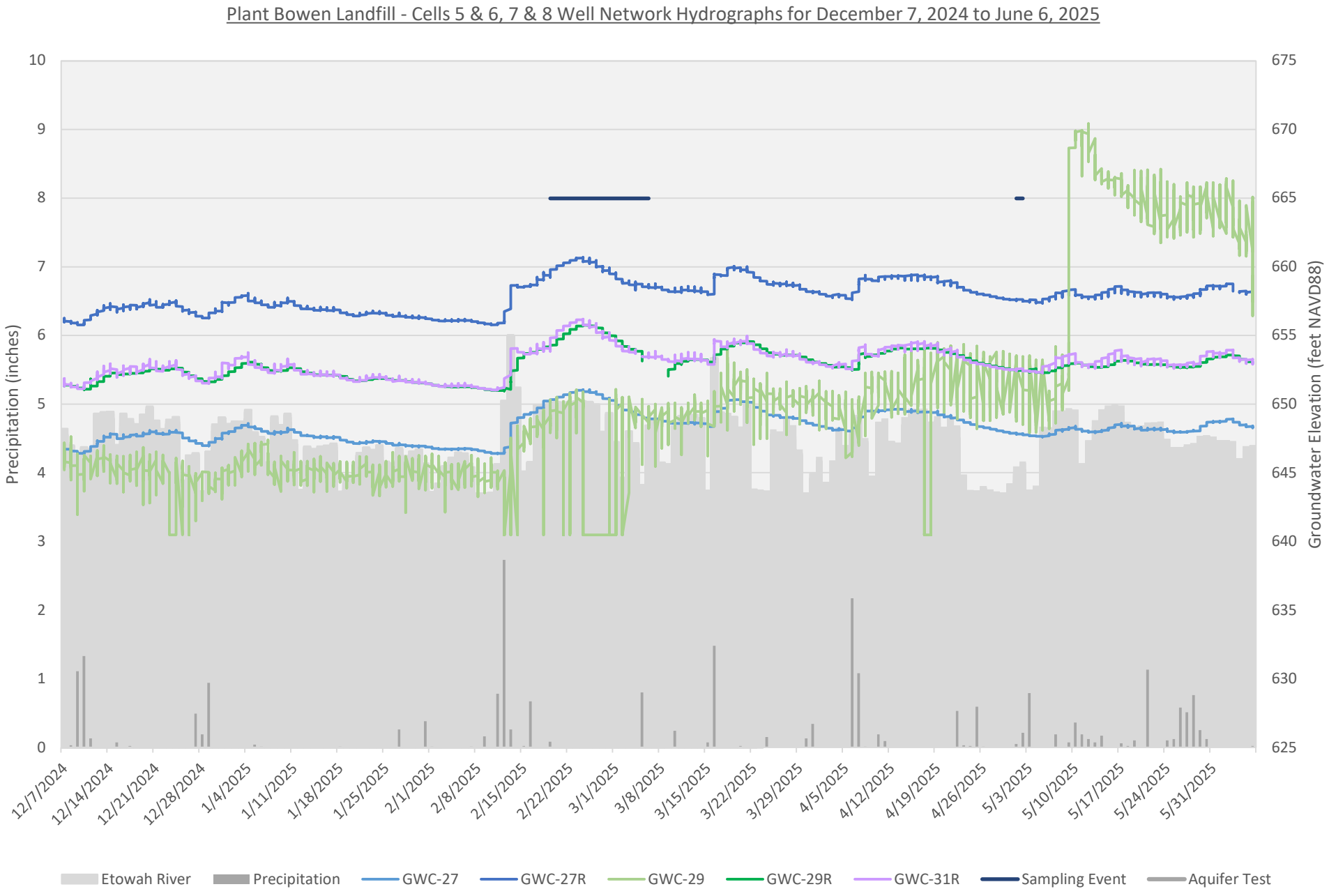

Figure 4A

Stantec

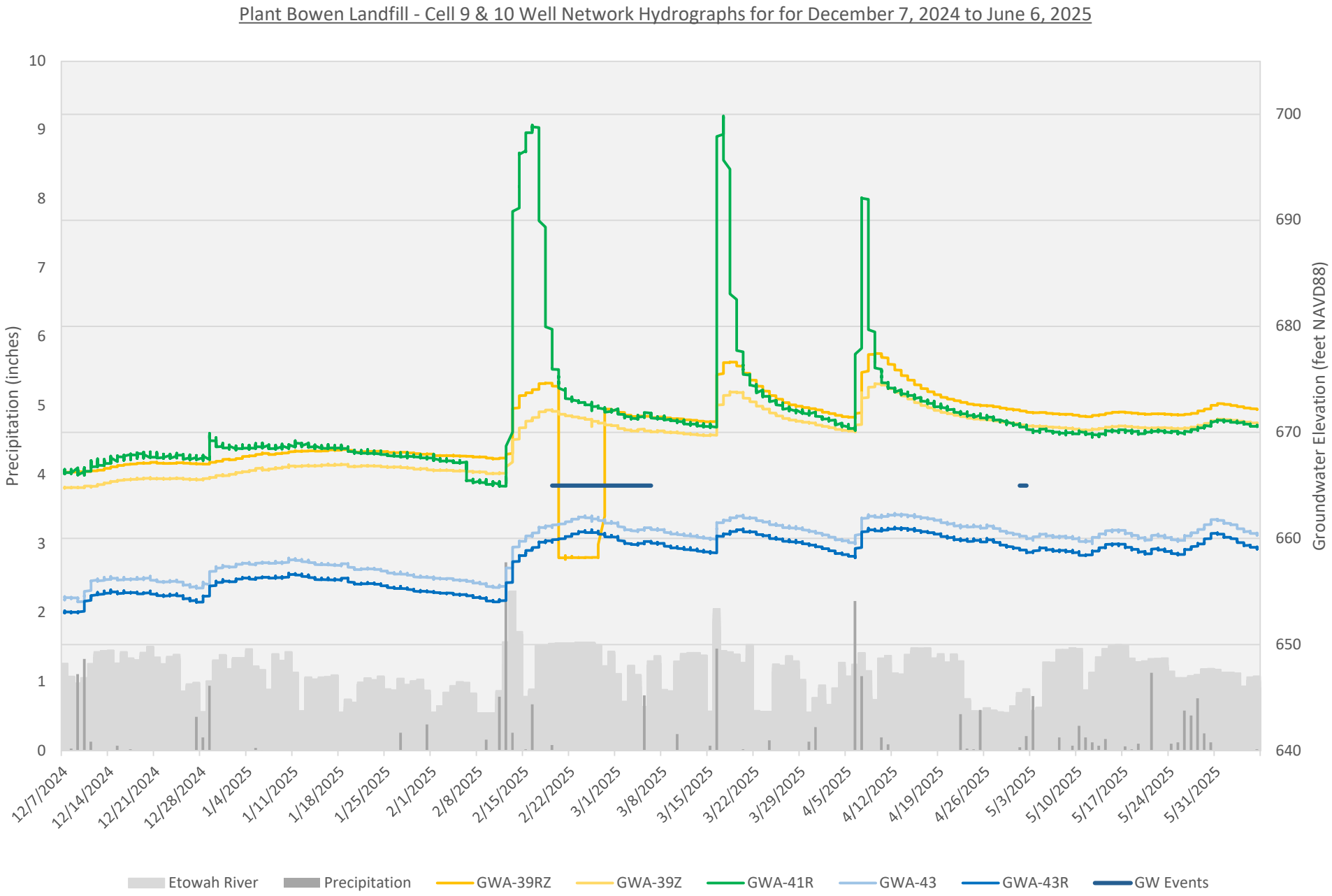

Figure 4B

Stantec

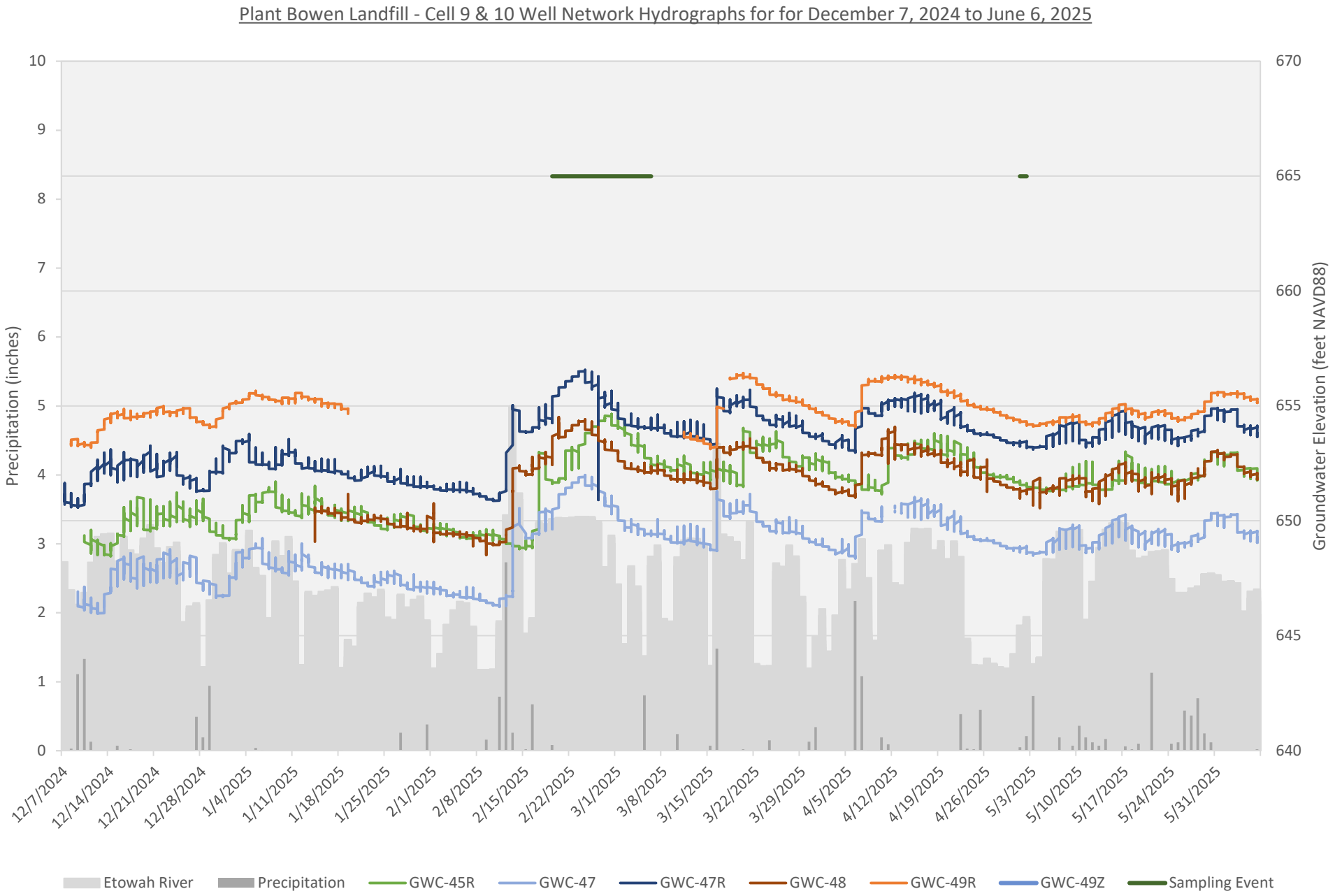

Table 1

Bowen Landfill Maintenance and Water Level Observation

Table 1
Bowen Landfill Maintenance and Water Level Observation
Appendix B: Memoranda on Hydrogeologic Monitoring Program
Georgia Power Company
Plant Bowen - Landfill Cell 1 - 10
Bartow County, GA

December 7, 2024 through June 6, 2025				
Cells	**Well ID**	**Most Recent Transducer Network Maintenance**	**Maintenance Information**	**Comments/Recommendations**
1 & 2	GWA-2R	--	--	--
	GWA-4R	--	--	--
	GWC-6RZ	--	--	--
	GWC-7Z	--	--	--
	GWC-10R	1/28/2025	Lost connection	Missing data from 1/28/2025 - 4/11/2025
		3/11/2025	Lost battery connection	
		4/8/2025	Connection resumed	
			Battery replaced and connection resumed	
	GWC-11	--	--	--
	GWC-11R	6/3/2025	Battery replaced	--
	GWC-13	--	--	--
	GWC-13R	3/13/2025	Lost connection	Missing data from 3/13/2025 - 6/3/2025
		6/3/2025	Connection resumed	
	GWC-15R	--	--	--
3 & 4	GWC-16R	3/21/2025	Lost connection	Data sporadic from 2/12/2025 - 3/21/2025
		6/3/2025	Connection resumed	
	GWC-18	1/18/2025	Battery replaced	--
		4/18/2025	Lost connection	
		5/5/2025	Connection resumed, Battery replaced	
	GWC-19R	--	--	--
	GWC-22R	--	--	--
	GWC-24R	--	--	--
	GWC-25R	--	--	--
	GWA-36A	5/5/2025	Battery replaced	--
	GWA-36RA	--	--	--
5 & 6 & 7 & 8	GWC-27	--	--	Battery life not displaying
		4/13/2025	Lost connection with transducer, Regained battery connection	
	GWC-27R	6/3/2025	Battery replaced	--
	GWC-29	--	--	Data consistently sporadic
	GWC-29R	--	--	--
	GWC-31R	--	--	--
	GWA-33	--	--	--
	GWC-33R	5/5/2025	Battery replaced	--
	GWC-34	2/23/2025	Lost connection	Missing data from 2/24/2025 - present
		3/11/2025	Lost battery connection	
	GWC-34R	3/11/2025	Lost connection	Missing data from 3/11/2025 - present
			Battery replaced	
9 & 10	GWA-39RZ	--	--	--
	GWA-39Z	3/12/2025	Battery replaced	--
	GWA-41R	--	--	Large changes in water elevation during rain events (compared to other wells, up to 35ft)
	GWA-43	--	--	--
	GWA-43R	--	--	--
	GWC-45R	--	--	--
	GWC-47	3/12/2025	Battery replaced	--
	GWC-47R	6/3/2025	Battery replaced	--
	GWC-48	1/14/2025	GWC-49Z unit moved to this well	Connection begins on 1/14/2025
	GWC-49R	3/17/2025	Battery replaced	--
	GWC-49Z	1/14/2025	Put into GWC-48	--

*notes change in water level unrelated to karst geology

Prepared by/Date: M. Stepaniuk 3/26/2025, updated 6/18/2025

Checked by/Date: A.Stevens 6/30/2025

With every community, we redefine what's possible.

Stantec is a global leader in sustainable engineering, architecture, and environmental consulting. The diverse perspectives of our partners and interested parties drive us to think beyond what's previously been done on critical issues like climate change, digital transformation, and future-proofing our cities and infrastructure. We innovate at the intersection of community, creativity, and client relationships to advance communities everywhere, so that together we can redefine what's possible.

Stantec Consulting Services Inc.
10745 Westside Way, Suite 250
Alpharetta GA 30009-7640
Stantec.com

APPENDIX C
LABORATORY ANALYTICAL DATA AND FIELD SAMPLING REPORTS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

March 28, 2025

Kristen Jurinko
Southern Company
241 Ralph McGill Blvd
NE, Bin 10160
Atlanta, GA 30308

RE: Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory between February 21, 2025 and February 28, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - West Columbia

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
704-977-0968
Project Manager

Enclosures

cc: Carole Lieu, Stantec
Laura Midkiff, Southern Co.
John Mocko, Stantec
Katie Ross, Stantec
Edgar Smith, Stantec
Andrew Stevens, Stantec

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Laboratory ID: 99030
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

Pace Analytical Services West Columbia

106 Vantage Point Drive, West Columbia, SC 29172
Alaska Dept. of Energy Conservation, Cert# 20-002
California ELAP, cert# 3049
DoD, DoD QSM V5.4, cert# I.2224
DOE, DoD/DOE QSM V5.4, cert# I.2224.01
Florida, Dept. of Health, cert# E87653-70
Georgia, Env. Protection Division, cert# E87653
Illinois, EPA NELAP, cert# 2000552024-9
Kansas, Dept. of Health and Environment, cert# E-10417
Kentucky, Dept. for Env. Protection, UST, cert# 103582
Kentucky, Dept. for Env. Protection, cert# 98037
Louisiana, Dept. of Environmental Quality, cert# 5125
North Carolina, DEQ, Water Resources, cert# 329
New Jersey, Dept. of Env. Protection, cert# NLC 240005
Oklahoma, Dept. of Env. Quality, cert# 2023-175
Oregon, ELAP, cert# 4181-006
Pennsylvania, Dept. of Env. Protection, cert# 003
South Carolina, Dept. of Env. Services, cert# 32010001
Texas, Commission on Env. Quality, cert# TX-C24-00083
Virginia, Dept. of General Services, cert# 13080
Wisconsin, Dept. of Natural Resources, cert# 399136100

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Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92781127001	**BOW-GWC-36A**	Water	02/19/25 14:18	02/21/25 11:16
92781127002	**BOW-GWC-36RA**	Water	02/19/25 13:03	02/21/25 11:16
92781127003	**BOW-GWC-37**	Water	02/19/25 12:53	02/21/25 11:16
92781127004	**BOW-GWC-38**	Water	02/19/25 15:46	02/21/25 11:16
92781127005	**BOW-GWC-18R**	Water	02/19/25 15:48	02/21/25 11:16
92781127006	**BOW-LF3-4-FD-06**	Water	02/19/25 00:00	02/21/25 11:16
92781127007	**BOW-GWC-18**	Water	02/20/25 16:11	02/21/25 11:16
92781127008	**BOW-GWC-19R**	Water	02/20/25 12:08	02/21/25 11:16
92781127009	**BOW-GWC-20R**	Water	02/20/25 13:46	02/21/25 11:16
92781127010	**BOW-GWC-22R**	Water	02/20/25 16:08	02/21/25 11:16
92781127011	**BOW-GWC-24R**	Water	02/24/25 12:48	02/25/25 13:10
92781127012	**BOW-LF3-4-FB-06**	Water	02/24/25 16:20	02/25/25 13:10
92781127013	**BOW-LF3-4-EB-06**	Water	02/24/25 16:25	02/25/25 13:10
92781127014	**BOW-GWC-16R**	Water	02/25/25 10:21	02/28/25 15:40
92781127015	**BOW-GWC-17R**	Water	02/25/25 12:12	02/28/25 15:40
92781127016	**BOW-GWC-21R**	Water	02/25/25 13:55	02/28/25 15:40
92781127017	**BOW-GWC-23R**	Water	02/25/25 12:05	02/28/25 15:40
92781127018	**BOW-GWC-25R**	Water	02/25/25 10:35	02/28/25 15:40
92781127019	**BOW-LF3-4-FD-07**	Water	02/25/25 00:00	02/28/25 15:40
92781127020	**BOW-LF3-4-FB-07**	Water	02/25/25 15:30	02/28/25 15:40
92781127021	**BOW-LF3-4-EB-07**	Water	02/25/25 15:35	02/28/25 15:40

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92781127001	**BOW-GWC-36A**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1, BW	22
92781127002	**BOW-GWC-36RA**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1, BW	22
92781127003	**BOW-GWC-37**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1, BW	22
92781127004	**BOW-GWC-38**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1, BW	22
92781127005	**BOW-GWC-18R**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1, BW	22
92781127006	**BOW-LF3-4-FD-06**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1, BW	22
92781127007	**BOW-GWC-18**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1, BW	22
92781127008	**BOW-GWC-19R**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1, BW	22
92781127009	**BOW-GWC-20R**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1, BW	22
92781127010	**BOW-GWC-22R**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	JCM	3
		EPA 6020B	BK1, BW	22
92781127011	**BOW-GWC-24R**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	YEG	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
92781127012	**BOW-LF3-4-FB-06**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	YEG	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
92781127013	**BOW-LF3-4-EB-06**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	YEG	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
92781127014	**BOW-GWC-16R**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92781127015	**BOW-GWC-17R**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3

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SAMPLE ANALYTE COUNT

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 6020B	BK1	22
92781127016	**BOW-GWC-21R**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92781127017	**BOW-GWC-23R**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92781127018	**BOW-GWC-25R**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92781127019	**BOW-LF3-4-FD-07**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92781127020	**BOW-LF3-4-FB-07**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92781127021	**BOW-LF3-4-EB-07**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22

PASI-A = Pace Analytical Services - Asheville
PASI-WC = Pace Analytical Services - West Columbia

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SUMMARY OF DETECTION

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92781127001	**BOW-GWC-36A**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	206	mg/L	5.0	02/28/25 15:59	
SM 2320B-2011	Alkalinity, Total as CaCO3	206	mg/L	5.0	02/28/25 15:59	
SM 2540C-2015	Total Dissolved Solids	234	mg/L	25.0	02/26/25 12:51	
EPA 300.0 Rev 2.1 1993	Chloride	3.2	mg/L	1.0	02/22/25 21:08	
EPA 300.0 Rev 2.1 1993	Sulfate	22.5	mg/L	1.0	02/22/25 21:08	
EPA 6020B	Barium	0.039	mg/L	0.0050	03/19/25 14:25	
EPA 6020B	Boron	0.023J	mg/L	0.040	03/20/25 05:50	
EPA 6020B	Calcium	48.7	mg/L	1.0	03/19/25 14:25	
EPA 6020B	Iron	0.55	mg/L	0.040	03/19/25 14:25	
EPA 6020B	Magnesium	25.4	mg/L	0.050	03/19/25 14:25	
EPA 6020B	Manganese	0.0016J	mg/L	0.040	03/19/25 14:25	
EPA 6020B	Potassium	1.6	mg/L	0.50	03/19/25 14:25	
EPA 6020B	Sodium	1.8	mg/L	1.0	03/19/25 14:25	
EPA 6020B	Zinc	0.017J	mg/L	0.020	03/19/25 14:25	
92781127002	**BOW-GWC-36RA**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	221	mg/L	5.0	02/28/25 16:07	
SM 2320B-2011	Alkalinity, Total as CaCO3	221	mg/L	5.0	02/28/25 16:07	
SM 2540C-2015	Total Dissolved Solids	241	mg/L	25.0	02/26/25 12:51	
EPA 300.0 Rev 2.1 1993	Chloride	3.1	mg/L	1.0	02/22/25 21:23	
EPA 300.0 Rev 2.1 1993	Sulfate	18.9	mg/L	1.0	02/22/25 21:23	
EPA 6020B	Barium	0.036	mg/L	0.0050	03/19/25 14:30	
EPA 6020B	Boron	0.019J	mg/L	0.040	03/20/25 05:59	
EPA 6020B	Calcium	51.1	mg/L	1.0	03/19/25 14:30	M1
EPA 6020B	Iron	0.75	mg/L	0.040	03/19/25 14:30	
EPA 6020B	Magnesium	26.3	mg/L	0.050	03/19/25 14:30	M1
EPA 6020B	Manganese	0.011J	mg/L	0.040	03/19/25 14:30	
EPA 6020B	Potassium	1.4	mg/L	0.50	03/19/25 14:30	
EPA 6020B	Sodium	1.8	mg/L	1.0	03/19/25 14:30	
EPA 6020B	Zinc	0.013J	mg/L	0.020	03/19/25 14:30	
92781127003	**BOW-GWC-37**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	5.5	mg/L	5.0	02/28/25 16:15	
SM 2320B-2011	Alkalinity, Total as CaCO3	5.5	mg/L	5.0	02/28/25 16:15	
EPA 300.0 Rev 2.1 1993	Chloride	0.76J	mg/L	1.0	02/22/25 21:38	
EPA 6020B	Barium	0.0038J	mg/L	0.0050	03/19/25 15:12	
EPA 6020B	Calcium	0.70J	mg/L	1.0	03/19/25 15:12	
EPA 6020B	Copper	0.016	mg/L	0.0050	03/19/25 15:12	
EPA 6020B	Iron	0.024J	mg/L	0.040	03/19/25 15:12	B
EPA 6020B	Magnesium	0.28	mg/L	0.050	03/19/25 15:12	
EPA 6020B	Manganese	0.010J	mg/L	0.040	03/19/25 15:12	
EPA 6020B	Nickel	0.017	mg/L	0.0050	03/19/25 15:12	
EPA 6020B	Potassium	0.45J	mg/L	0.50	03/19/25 15:12	
EPA 6020B	Sodium	2.8	mg/L	1.0	03/19/25 15:12	
EPA 6020B	Zinc	0.0046J	mg/L	0.020	03/19/25 15:12	
92781127004	**BOW-GWC-38**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	6.2	mg/L	5.0	02/28/25 16:20	
SM 2320B-2011	Alkalinity, Total as CaCO3	6.2	mg/L	5.0	02/28/25 16:20	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92781127004	**BOW-GWC-38**					
EPA 300.0 Rev 2.1 1993	Chloride	3.3	mg/L	1.0	02/22/25 21:52	
EPA 300.0 Rev 2.1 1993	Sulfate	0.52J	mg/L	1.0	02/22/25 21:52	
EPA 6020B	Barium	0.014	mg/L	0.0050	03/19/25 15:17	
EPA 6020B	Calcium	2.2	mg/L	1.0	03/19/25 15:17	
EPA 6020B	Chromium	0.0034J	mg/L	0.0050	03/19/25 15:17	
EPA 6020B	Cobalt	0.0032J	mg/L	0.0050	03/19/25 15:17	
EPA 6020B	Iron	0.064	mg/L	0.040	03/19/25 15:17	B
EPA 6020B	Magnesium	0.51	mg/L	0.050	03/19/25 15:17	
EPA 6020B	Manganese	0.091	mg/L	0.040	03/19/25 15:17	
EPA 6020B	Nickel	0.0014J	mg/L	0.0050	03/19/25 15:17	
EPA 6020B	Potassium	0.46J	mg/L	0.50	03/19/25 15:17	
EPA 6020B	Sodium	3.4	mg/L	1.0	03/19/25 15:17	
EPA 6020B	Zinc	0.0029J	mg/L	0.020	03/19/25 15:17	
92781127005	**BOW-GWC-18R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	145	mg/L	5.0	02/28/25 17:19	
SM 2320B-2011	Alkalinity, Total as CaCO3	145	mg/L	5.0	02/28/25 17:19	
SM 2540C-2015	Total Dissolved Solids	144	mg/L	25.0	02/26/25 12:51	
EPA 300.0 Rev 2.1 1993	Chloride	2.2	mg/L	1.0	02/22/25 22:07	
EPA 300.0 Rev 2.1 1993	Sulfate	1.8	mg/L	1.0	02/22/25 22:07	
EPA 6020B	Barium	0.014	mg/L	0.0050	03/19/25 15:22	
EPA 6020B	Calcium	29.9	mg/L	1.0	03/19/25 15:22	
EPA 6020B	Iron	0.39	mg/L	0.040	03/19/25 15:22	
EPA 6020B	Magnesium	17.4	mg/L	0.050	03/19/25 15:22	
EPA 6020B	Potassium	0.72	mg/L	0.50	03/19/25 15:22	
EPA 6020B	Sodium	1.4	mg/L	1.0	03/19/25 15:22	
92781127006	**BOW-LF3-4-FD-06**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	6.6	mg/L	5.0	02/28/25 18:27	
SM 2320B-2011	Alkalinity, Total as CaCO3	6.6	mg/L	5.0	02/28/25 18:27	
EPA 300.0 Rev 2.1 1993	Chloride	0.75J	mg/L	1.0	02/22/25 22:22	
EPA 6020B	Barium	0.0037J	mg/L	0.0050	03/19/25 15:27	
EPA 6020B	Calcium	0.69J	mg/L	1.0	03/19/25 15:27	
EPA 6020B	Copper	0.017	mg/L	0.0050	03/19/25 15:27	
EPA 6020B	Iron	0.025J	mg/L	0.040	03/19/25 15:27	B
EPA 6020B	Magnesium	0.28	mg/L	0.050	03/19/25 15:27	
EPA 6020B	Manganese	0.011J	mg/L	0.040	03/19/25 15:27	
EPA 6020B	Nickel	0.018	mg/L	0.0050	03/19/25 15:27	
EPA 6020B	Potassium	0.44J	mg/L	0.50	03/19/25 15:27	
EPA 6020B	Sodium	2.8	mg/L	1.0	03/19/25 15:27	
EPA 6020B	Zinc	0.0049J	mg/L	0.020	03/19/25 15:27	
92781127007	**BOW-GWC-18**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	123	mg/L	5.0	02/28/25 21:38	
SM 2320B-2011	Alkalinity, Total as CaCO3	123	mg/L	5.0	02/28/25 21:38	
SM 2540C-2015	Total Dissolved Solids	119	mg/L	25.0	02/27/25 14:45	
EPA 300.0 Rev 2.1 1993	Chloride	2.0	mg/L	1.0	02/22/25 22:37	
EPA 300.0 Rev 2.1 1993	Sulfate	1.9	mg/L	1.0	02/22/25 22:37	
EPA 6020B	Barium	0.014	mg/L	0.0050	03/19/25 15:32	

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SUMMARY OF DETECTION

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92781127007	**BOW-GWC-18**					
EPA 6020B	Calcium	23.5	mg/L	1.0	03/19/25 15:32	
EPA 6020B	Iron	0.29	mg/L	0.040	03/19/25 15:32	
EPA 6020B	Magnesium	13.5	mg/L	0.050	03/19/25 15:32	
EPA 6020B	Manganese	0.0015J	mg/L	0.040	03/19/25 15:32	
EPA 6020B	Potassium	0.95	mg/L	0.50	03/19/25 15:32	
EPA 6020B	Sodium	1.5	mg/L	1.0	03/19/25 15:32	
92781127008	**BOW-GWC-19R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	150	mg/L	5.0	02/28/25 21:48	
SM 2320B-2011	Alkalinity, Total as CaCO3	150	mg/L	5.0	02/28/25 21:48	
SM 2540C-2015	Total Dissolved Solids	153	mg/L	25.0	02/27/25 14:45	
EPA 300.0 Rev 2.1 1993	Chloride	2.2	mg/L	1.0	02/22/25 22:52	
EPA 300.0 Rev 2.1 1993	Sulfate	2.5	mg/L	1.0	02/22/25 22:52	
EPA 6020B	Barium	0.016	mg/L	0.0050	03/19/25 15:48	
EPA 6020B	Calcium	32.0	mg/L	1.0	03/19/25 15:48	
EPA 6020B	Iron	0.79	mg/L	0.040	03/19/25 15:48	
EPA 6020B	Lead	0.00026J	mg/L	0.0010	03/19/25 15:48	
EPA 6020B	Magnesium	18.0	mg/L	0.050	03/19/25 15:48	
EPA 6020B	Manganese	0.022J	mg/L	0.040	03/19/25 15:48	
EPA 6020B	Potassium	0.78	mg/L	0.50	03/19/25 15:48	
EPA 6020B	Sodium	1.4	mg/L	1.0	03/19/25 15:48	
EPA 6020B	Zinc	0.0055J	mg/L	0.020	03/19/25 15:48	
92781127009	**BOW-GWC-20R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	190	mg/L	5.0	02/28/25 22:03	
SM 2320B-2011	Alkalinity, Total as CaCO3	190	mg/L	5.0	02/28/25 22:03	
SM 2540C-2015	Total Dissolved Solids	172	mg/L	25.0	02/27/25 14:45	
EPA 300.0 Rev 2.1 1993	Chloride	1.8	mg/L	1.0	02/22/25 23:37	
EPA 300.0 Rev 2.1 1993	Sulfate	1.3	mg/L	1.0	02/22/25 23:37	
EPA 6020B	Barium	0.033	mg/L	0.0050	03/19/25 15:53	
EPA 6020B	Calcium	39.7	mg/L	1.0	03/19/25 15:53	
EPA 6020B	Iron	0.45	mg/L	0.040	03/19/25 15:53	
EPA 6020B	Magnesium	21.8	mg/L	0.050	03/19/25 15:53	
EPA 6020B	Potassium	0.83	mg/L	0.50	03/19/25 15:53	
EPA 6020B	Sodium	2.0	mg/L	1.0	03/19/25 15:53	
92781127010	**BOW-GWC-22R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	163	mg/L	5.0	02/28/25 22:11	
SM 2320B-2011	Alkalinity, Total as CaCO3	163	mg/L	5.0	02/28/25 22:11	
SM 2540C-2015	Total Dissolved Solids	154	mg/L	25.0	02/27/25 14:45	
EPA 300.0 Rev 2.1 1993	Chloride	2.2	mg/L	1.0	02/22/25 23:52	
EPA 300.0 Rev 2.1 1993	Sulfate	1.1	mg/L	1.0	02/22/25 23:52	
EPA 6020B	Antimony	0.0010J	mg/L	0.0030	03/19/25 15:58	
EPA 6020B	Arsenic	0.0016J	mg/L	0.0050	03/19/25 15:58	
EPA 6020B	Barium	0.042	mg/L	0.0050	03/19/25 15:58	
EPA 6020B	Calcium	33.4	mg/L	1.0	03/19/25 15:58	
EPA 6020B	Iron	0.96	mg/L	0.040	03/19/25 15:58	
EPA 6020B	Magnesium	18.9	mg/L	0.050	03/19/25 15:58	
EPA 6020B	Manganese	0.053	mg/L	0.040	03/19/25 15:58	

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SUMMARY OF DETECTION

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92781127010	**BOW-GWC-22R**					
EPA 6020B	Potassium	1.4	mg/L	0.50	03/19/25 15:58	
EPA 6020B	Sodium	1.8	mg/L	1.0	03/19/25 15:58	
92781127011	**BOW-GWC-24R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	149	mg/L	5.0	03/03/25 19:15	
SM 2320B-2011	Alkalinity, Total as CaCO3	149	mg/L	5.0	03/03/25 19:15	
SM 2540C-2015	Total Dissolved Solids	129	mg/L	25.0	02/28/25 13:49	
EPA 300.0 Rev 2.1 1993	Chloride	2.0	mg/L	1.0	02/26/25 08:03	
EPA 300.0 Rev 2.1 1993	Sulfate	2.0	mg/L	1.0	02/26/25 08:03	
EPA 6020B	Antimony	0.0013J	mg/L	0.0030	03/19/25 16:03	
EPA 6020B	Barium	0.016	mg/L	0.0050	03/19/25 16:03	
EPA 6020B	Calcium	30.7	mg/L	1.0	03/19/25 16:03	
EPA 6020B	Copper	0.0013J	mg/L	0.0050	03/19/25 16:03	
EPA 6020B	Iron	0.42	mg/L	0.040	03/19/25 16:03	
EPA 6020B	Magnesium	17.5	mg/L	0.050	03/19/25 16:03	
EPA 6020B	Manganese	0.0048J	mg/L	0.040	03/19/25 16:03	
EPA 6020B	Potassium	0.84	mg/L	0.50	03/19/25 16:03	
EPA 6020B	Sodium	1.4	mg/L	1.0	03/19/25 16:03	
92781127013	**BOW-LF3-4-EB-06**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	6.1	mg/L	5.0	03/03/25 16:09	
SM 2320B-2011	Alkalinity,Carbonate (CaCO3)	6.1	mg/L	5.0	03/03/25 16:09	
SM 2320B-2011	Alkalinity, Total as CaCO3	12.2	mg/L	5.0	03/03/25 16:09	
EPA 6020B	Cadmium	0.00020J	mg/L	0.00050	03/19/25 16:13	
EPA 6020B	Iron	0.12	mg/L	0.040	03/19/25 16:13	B
EPA 6020B	Magnesium	0.099	mg/L	0.050	03/19/25 16:13	
EPA 6020B	Manganese	0.0019J	mg/L	0.040	03/19/25 16:13	
92781127014	**BOW-GWC-16R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	326	mg/L	5.0	03/05/25 18:05	
SM 2320B-2011	Alkalinity, Total as CaCO3	326	mg/L	5.0	03/05/25 18:05	
SM 2540C-2015	Total Dissolved Solids	312	mg/L	25.0	03/04/25 16:49	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	03/04/25 01:31	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	03/04/25 01:31	
EPA 300.0 Rev 2.1 1993	Sulfate	9.0	mg/L	1.0	03/04/25 01:31	
EPA 6020B	Antimony	0.013	mg/L	0.0030	03/25/25 21:20	
EPA 6020B	Barium	0.039	mg/L	0.0050	03/25/25 21:20	
EPA 6020B	Boron	0.0083J	mg/L	0.040	03/26/25 11:45	
EPA 6020B	Calcium	74.7	mg/L	10.0	03/26/25 15:12	
EPA 6020B	Iron	0.039J	mg/L	0.040	03/25/25 21:20	
EPA 6020B	Magnesium	33.5	mg/L	0.50	03/26/25 15:12	
EPA 6020B	Manganese	0.025J	mg/L	0.040	03/25/25 21:20	
EPA 6020B	Nickel	0.0097	mg/L	0.0050	03/25/25 21:20	
EPA 6020B	Potassium	2.6	mg/L	0.50	03/25/25 21:20	
EPA 6020B	Sodium	7.4	mg/L	1.0	03/25/25 21:20	
EPA 6020B	Thallium	0.00023J	mg/L	0.0010	03/25/25 21:20	
EPA 6020B	Zinc	0.025	mg/L	0.020	03/25/25 21:20	

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SUMMARY OF DETECTION

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92781127015	**BOW-GWC-17R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	323	mg/L	5.0	03/05/25 18:21	
SM 2320B-2011	Alkalinity, Total as CaCO3	323	mg/L	5.0	03/05/25 18:21	
SM 2540C-2015	Total Dissolved Solids	305	mg/L	25.0	03/04/25 16:49	
EPA 300.0 Rev 2.1 1993	Chloride	4.0	mg/L	1.0	03/04/25 02:16	
EPA 300.0 Rev 2.1 1993	Fluoride	0.060J	mg/L	0.10	03/04/25 02:16	
EPA 300.0 Rev 2.1 1993	Sulfate	6.6	mg/L	1.0	03/04/25 02:16	
EPA 6020B	Barium	0.019	mg/L	0.0050	03/25/25 21:29	
EPA 6020B	Calcium	67.4	mg/L	10.0	03/26/25 15:21	
EPA 6020B	Magnesium	35.7	mg/L	0.50	03/26/25 15:21	
EPA 6020B	Potassium	0.81	mg/L	0.50	03/25/25 21:29	
EPA 6020B	Sodium	3.4	mg/L	1.0	03/25/25 21:29	
92781127016	**BOW-GWC-21R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	256	mg/L	5.0	03/05/25 18:29	
SM 2320B-2011	Alkalinity, Total as CaCO3	256	mg/L	5.0	03/05/25 18:29	
SM 2540C-2015	Total Dissolved Solids	241	mg/L	25.0	03/04/25 16:49	
EPA 300.0 Rev 2.1 1993	Chloride	2.4	mg/L	1.0	03/04/25 02:31	
EPA 300.0 Rev 2.1 1993	Fluoride	0.057J	mg/L	0.10	03/04/25 02:31	
EPA 300.0 Rev 2.1 1993	Sulfate	2.8	mg/L	1.0	03/04/25 02:31	
EPA 6020B	Antimony	0.00093J	mg/L	0.0030	03/25/25 21:39	
EPA 6020B	Barium	0.024	mg/L	0.0050	03/25/25 21:39	
EPA 6020B	Calcium	53.8	mg/L	10.0	03/26/25 15:30	
EPA 6020B	Iron	0.022J	mg/L	0.040	03/25/25 21:39	
EPA 6020B	Magnesium	29.4	mg/L	0.50	03/26/25 15:30	
EPA 6020B	Manganese	0.0043J	mg/L	0.040	03/25/25 21:39	
EPA 6020B	Potassium	0.93	mg/L	0.50	03/25/25 21:39	
EPA 6020B	Sodium	1.8	mg/L	1.0	03/25/25 21:39	
EPA 6020B	Thallium	0.00028J	mg/L	0.0010	03/25/25 21:39	
EPA 6020B	Zinc	0.0035J	mg/L	0.020	03/25/25 21:39	
92781127017	**BOW-GWC-23R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	334	mg/L	5.0	03/05/25 18:37	
SM 2320B-2011	Alkalinity, Total as CaCO3	334	mg/L	5.0	03/05/25 18:37	
SM 2540C-2015	Total Dissolved Solids	329	mg/L	25.0	03/04/25 16:26	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	03/04/25 02:45	
EPA 300.0 Rev 2.1 1993	Fluoride	0.064J	mg/L	0.10	03/04/25 02:45	
EPA 300.0 Rev 2.1 1993	Sulfate	25.5	mg/L	1.0	03/04/25 02:45	
EPA 6020B	Barium	0.023	mg/L	0.0050	03/25/25 21:48	
EPA 6020B	Calcium	64.6	mg/L	10.0	03/26/25 15:40	
EPA 6020B	Iron	0.036J	mg/L	0.040	03/25/25 21:48	
EPA 6020B	Magnesium	36.3	mg/L	0.50	03/26/25 15:40	
EPA 6020B	Potassium	0.92	mg/L	0.50	03/25/25 21:48	
EPA 6020B	Sodium	16.2	mg/L	1.0	03/25/25 21:48	
EPA 6020B	Thallium	0.00022J	mg/L	0.0010	03/25/25 21:48	
EPA 6020B	Zinc	0.0037J	mg/L	0.020	03/25/25 21:48	
92781127018	**BOW-GWC-25R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	156	mg/L	5.0	03/05/25 18:46	
SM 2320B-2011	Alkalinity, Total as CaCO3	156	mg/L	5.0	03/05/25 18:46	

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SUMMARY OF DETECTION

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92781127018	**BOW-GWC-25R**					
SM 2540C-2015	Total Dissolved Solids	160	mg/L	25.0	03/04/25 16:26	
EPA 300.0 Rev 2.1 1993	Chloride	2.0	mg/L	1.0	03/04/25 03:30	
EPA 300.0 Rev 2.1 1993	Fluoride	0.056J	mg/L	0.10	03/04/25 03:30	
EPA 300.0 Rev 2.1 1993	Sulfate	1.7	mg/L	1.0	03/04/25 03:30	
EPA 6020B	Barium	0.015	mg/L	0.0050	03/25/25 21:57	
EPA 6020B	Calcium	31.8	mg/L	10.0	03/26/25 15:49	
EPA 6020B	Magnesium	17.7	mg/L	0.050	03/25/25 21:57	
EPA 6020B	Potassium	0.72	mg/L	0.50	03/25/25 21:57	
EPA 6020B	Sodium	1.3	mg/L	1.0	03/25/25 21:57	
92781127019	**BOW-LF3-4-FD-07**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	154	mg/L	5.0	03/05/25 18:53	
SM 2320B-2011	Alkalinity, Total as CaCO3	154	mg/L	5.0	03/05/25 18:53	
SM 2540C-2015	Total Dissolved Solids	161	mg/L	25.0	03/04/25 16:26	
EPA 300.0 Rev 2.1 1993	Chloride	2.0	mg/L	1.0	03/04/25 03:45	
EPA 300.0 Rev 2.1 1993	Fluoride	0.056J	mg/L	0.10	03/04/25 03:45	
EPA 300.0 Rev 2.1 1993	Sulfate	1.7	mg/L	1.0	03/04/25 03:45	
EPA 6020B	Barium	0.015	mg/L	0.0050	03/25/25 22:24	
EPA 6020B	Calcium	31.8	mg/L	10.0	03/26/25 15:58	
EPA 6020B	Magnesium	17.5	mg/L	0.050	03/25/25 22:24	
EPA 6020B	Potassium	0.73	mg/L	0.50	03/25/25 22:24	
EPA 6020B	Sodium	1.4	mg/L	1.0	03/25/25 22:24	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-GWC-36A **Lab ID: 92781127001** Collected: 02/19/25 14:18 Received: 02/21/25 11:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	02/26/25 17:37	02/27/25 12:47	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**206**	mg/L	5.0	5.0	1		02/28/25 15:59		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/28/25 15:59		
Alkalinity, Total as CaCO3	**206**	mg/L	5.0	5.0	1		02/28/25 15:59		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**234**	mg/L	25.0	25.0	1		02/26/25 12:51		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.2**	mg/L	1.0	0.60	1		02/22/25 21:08	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/22/25 21:08	16984-48-8	
Sulfate	**22.5**	mg/L	1.0	0.50	1		02/22/25 21:08	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/17/25 08:40	03/19/25 14:25	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 14:25	7440-38-2	
Barium	**0.039**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 14:25	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 08:40	03/19/25 14:25	7440-41-7	
Boron	**0.023J**	mg/L	0.040	0.0062	1	03/17/25 08:40	03/20/25 05:50	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 08:40	03/19/25 14:25	7440-43-9	
Calcium	**48.7**	mg/L	1.0	0.10	1	03/17/25 08:40	03/19/25 14:25	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 14:25	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 14:25	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 14:25	7440-50-8	
Iron	**0.55**	mg/L	0.040	0.012	1	03/17/25 08:40	03/19/25 14:25	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 08:40	03/19/25 14:25	7439-92-1	
Magnesium	**25.4**	mg/L	0.050	0.010	1	03/17/25 08:40	03/19/25 14:25	7439-95-4	
Manganese	**0.0016J**	mg/L	0.040	0.0012	1	03/17/25 08:40	03/19/25 14:25	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 14:25	7440-02-0	
Potassium	**1.6**	mg/L	0.50	0.10	1	03/17/25 08:40	03/19/25 14:25	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 14:25	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 08:40	03/19/25 14:25	7440-22-4	
Sodium	**1.8**	mg/L	1.0	0.15	1	03/17/25 08:40	03/19/25 14:25	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 08:40	03/19/25 14:25	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 08:40	03/19/25 14:25	7440-62-2	
Zinc	**0.017J**	mg/L	0.020	0.0025	1	03/17/25 08:40	03/19/25 14:25	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-GWC-36RA **Lab ID: 92781127002** Collected: 02/19/25 13:03 Received: 02/21/25 11:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	02/26/25 17:37	02/27/25 12:49	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**221**	mg/L	5.0	5.0	1		02/28/25 16:07		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/28/25 16:07		
Alkalinity, Total as CaCO3	**221**	mg/L	5.0	5.0	1		02/28/25 16:07		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**241**	mg/L	25.0	25.0	1		02/26/25 12:51		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.1**	mg/L	1.0	0.60	1		02/22/25 21:23	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/22/25 21:23	16984-48-8	
Sulfate	**18.9**	mg/L	1.0	0.50	1		02/22/25 21:23	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/17/25 08:40	03/19/25 14:30	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 14:30	7440-38-2	
Barium	**0.036**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 14:30	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 08:40	03/19/25 14:30	7440-41-7	
Boron	**0.019J**	mg/L	0.040	0.0062	1	03/17/25 08:40	03/20/25 05:59	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 08:40	03/19/25 14:30	7440-43-9	
Calcium	**51.1**	mg/L	1.0	0.10	1	03/17/25 08:40	03/19/25 14:30	7440-70-2	M1
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 14:30	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 14:30	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 14:30	7440-50-8	
Iron	**0.75**	mg/L	0.040	0.012	1	03/17/25 08:40	03/19/25 14:30	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 08:40	03/19/25 14:30	7439-92-1	
Magnesium	**26.3**	mg/L	0.050	0.010	1	03/17/25 08:40	03/19/25 14:30	7439-95-4	M1
Manganese	**0.011J**	mg/L	0.040	0.0012	1	03/17/25 08:40	03/19/25 14:30	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 14:30	7440-02-0	
Potassium	**1.4**	mg/L	0.50	0.10	1	03/17/25 08:40	03/19/25 14:30	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 14:30	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 08:40	03/19/25 14:30	7440-22-4	
Sodium	**1.8**	mg/L	1.0	0.15	1	03/17/25 08:40	03/19/25 14:30	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 08:40	03/19/25 14:30	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 08:40	03/19/25 14:30	7440-62-2	
Zinc	**0.013J**	mg/L	0.020	0.0025	1	03/17/25 08:40	03/19/25 14:30	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-GWC-37 **Lab ID: 92781127003** Collected: 02/19/25 12:53 Received: 02/21/25 11:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	02/26/25 17:37	02/27/25 12:51	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**5.5**	mg/L	5.0	5.0	1		02/28/25 16:15		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/28/25 16:15		
Alkalinity, Total as CaCO3	**5.5**	mg/L	5.0	5.0	1		02/28/25 16:15		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/26/25 12:51		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.76J**	mg/L	1.0	0.60	1		02/22/25 21:38	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/22/25 21:38	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/22/25 21:38	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/17/25 08:40	03/19/25 15:12	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:12	7440-38-2	
Barium	**0.0038J**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:12	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 08:40	03/19/25 15:12	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 08:40	03/20/25 07:03	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 08:40	03/19/25 15:12	7440-43-9	
Calcium	**0.70J**	mg/L	1.0	0.10	1	03/17/25 08:40	03/19/25 15:12	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:12	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:12	7440-48-4	
Copper	**0.016**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:12	7440-50-8	
Iron	**0.024J**	mg/L	0.040	0.012	1	03/17/25 08:40	03/19/25 15:12	7439-89-6	B
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 08:40	03/19/25 15:12	7439-92-1	
Magnesium	**0.28**	mg/L	0.050	0.010	1	03/17/25 08:40	03/19/25 15:12	7439-95-4	
Manganese	**0.010J**	mg/L	0.040	0.0012	1	03/17/25 08:40	03/19/25 15:12	7439-96-5	
Nickel	**0.017**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:12	7440-02-0	
Potassium	**0.45J**	mg/L	0.50	0.10	1	03/17/25 08:40	03/19/25 15:12	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:12	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 08:40	03/19/25 15:12	7440-22-4	
Sodium	**2.8**	mg/L	1.0	0.15	1	03/17/25 08:40	03/19/25 15:12	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 08:40	03/19/25 15:12	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 08:40	03/19/25 15:12	7440-62-2	
Zinc	**0.0046J**	mg/L	0.020	0.0025	1	03/17/25 08:40	03/19/25 15:12	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-GWC-38 **Lab ID: 92781127004** Collected: 02/19/25 15:46 Received: 02/21/25 11:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	02/26/25 17:37	02/27/25 12:57	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**6.2**	mg/L	5.0	5.0	1		02/28/25 16:20		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/28/25 16:20		
Alkalinity, Total as CaCO3	**6.2**	mg/L	5.0	5.0	1		02/28/25 16:20		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/26/25 12:51		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.3**	mg/L	1.0	0.60	1		02/22/25 21:52	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/22/25 21:52	16984-48-8	
Sulfate	**0.52J**	mg/L	1.0	0.50	1		02/22/25 21:52	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/17/25 08:40	03/19/25 15:17	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:17	7440-38-2	
Barium	**0.014**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:17	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 08:40	03/19/25 15:17	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 08:40	03/20/25 07:12	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 08:40	03/19/25 15:17	7440-43-9	
Calcium	**2.2**	mg/L	1.0	0.10	1	03/17/25 08:40	03/19/25 15:17	7440-70-2	
Chromium	**0.0034J**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:17	7440-47-3	
Cobalt	**0.0032J**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:17	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:17	7440-50-8	
Iron	**0.064**	mg/L	0.040	0.012	1	03/17/25 08:40	03/19/25 15:17	7439-89-6	B
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 08:40	03/19/25 15:17	7439-92-1	
Magnesium	**0.51**	mg/L	0.050	0.010	1	03/17/25 08:40	03/19/25 15:17	7439-95-4	
Manganese	**0.091**	mg/L	0.040	0.0012	1	03/17/25 08:40	03/19/25 15:17	7439-96-5	
Nickel	**0.0014J**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:17	7440-02-0	
Potassium	**0.46J**	mg/L	0.50	0.10	1	03/17/25 08:40	03/19/25 15:17	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:17	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 08:40	03/19/25 15:17	7440-22-4	
Sodium	**3.4**	mg/L	1.0	0.15	1	03/17/25 08:40	03/19/25 15:17	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 08:40	03/19/25 15:17	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 08:40	03/19/25 15:17	7440-62-2	
Zinc	**0.0029J**	mg/L	0.020	0.0025	1	03/17/25 08:40	03/19/25 15:17	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-GWC-18R **Lab ID: 92781127005** Collected: 02/19/25 15:48 Received: 02/21/25 11:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	02/26/25 17:37	02/27/25 12:59	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**145**	mg/L	5.0	5.0	1		02/28/25 17:19		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/28/25 17:19		
Alkalinity, Total as CaCO3	**145**	mg/L	5.0	5.0	1		02/28/25 17:19		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**144**	mg/L	25.0	25.0	1		02/26/25 12:51		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.2**	mg/L	1.0	0.60	1		02/22/25 22:07	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/22/25 22:07	16984-48-8	
Sulfate	**1.8**	mg/L	1.0	0.50	1		02/22/25 22:07	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/17/25 08:40	03/19/25 15:22	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:22	7440-38-2	
Barium	**0.014**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:22	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 08:40	03/19/25 15:22	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 08:40	03/20/25 07:21	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 08:40	03/19/25 15:22	7440-43-9	
Calcium	**29.9**	mg/L	1.0	0.10	1	03/17/25 08:40	03/19/25 15:22	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:22	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:22	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:22	7440-50-8	
Iron	**0.39**	mg/L	0.040	0.012	1	03/17/25 08:40	03/19/25 15:22	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 08:40	03/19/25 15:22	7439-92-1	
Magnesium	**17.4**	mg/L	0.050	0.010	1	03/17/25 08:40	03/19/25 15:22	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/17/25 08:40	03/19/25 15:22	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:22	7440-02-0	
Potassium	**0.72**	mg/L	0.50	0.10	1	03/17/25 08:40	03/19/25 15:22	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:22	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 08:40	03/19/25 15:22	7440-22-4	
Sodium	**1.4**	mg/L	1.0	0.15	1	03/17/25 08:40	03/19/25 15:22	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 08:40	03/19/25 15:22	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 08:40	03/19/25 15:22	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/17/25 08:40	03/19/25 15:22	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-LF3-4-FD-06 **Lab ID: 92781127006** Collected: 02/19/25 00:00 Received: 02/21/25 11:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	02/26/25 17:37	02/27/25 13:01	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**6.6**	mg/L	5.0	5.0	1		02/28/25 18:27		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/28/25 18:27		
Alkalinity, Total as CaCO3	**6.6**	mg/L	5.0	5.0	1		02/28/25 18:27		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/26/25 12:52		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.75J**	mg/L	1.0	0.60	1		02/22/25 22:22	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/22/25 22:22	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/22/25 22:22	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/17/25 08:40	03/19/25 15:27	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:27	7440-38-2	
Barium	**0.0037J**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:27	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 08:40	03/19/25 15:27	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 08:40	03/20/25 07:30	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 08:40	03/19/25 15:27	7440-43-9	
Calcium	**0.69J**	mg/L	1.0	0.10	1	03/17/25 08:40	03/19/25 15:27	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:27	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:27	7440-48-4	
Copper	**0.017**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:27	7440-50-8	
Iron	**0.025J**	mg/L	0.040	0.012	1	03/17/25 08:40	03/19/25 15:27	7439-89-6	B
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 08:40	03/19/25 15:27	7439-92-1	
Magnesium	**0.28**	mg/L	0.050	0.010	1	03/17/25 08:40	03/19/25 15:27	7439-95-4	
Manganese	**0.011J**	mg/L	0.040	0.0012	1	03/17/25 08:40	03/19/25 15:27	7439-96-5	
Nickel	**0.018**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:27	7440-02-0	
Potassium	**0.44J**	mg/L	0.50	0.10	1	03/17/25 08:40	03/19/25 15:27	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:27	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 08:40	03/19/25 15:27	7440-22-4	
Sodium	**2.8**	mg/L	1.0	0.15	1	03/17/25 08:40	03/19/25 15:27	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 08:40	03/19/25 15:27	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 08:40	03/19/25 15:27	7440-62-2	
Zinc	**0.0049J**	mg/L	0.020	0.0025	1	03/17/25 08:40	03/19/25 15:27	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-GWC-18 **Lab ID: 92781127007** Collected: 02/20/25 16:11 Received: 02/21/25 11:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	02/26/25 17:37	02/27/25 13:03	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**123**	mg/L	5.0	5.0	1		02/28/25 21:38		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/28/25 21:38		
Alkalinity, Total as CaCO3	**123**	mg/L	5.0	5.0	1		02/28/25 21:38		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**119**	mg/L	25.0	25.0	1		02/27/25 14:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.0**	mg/L	1.0	0.60	1		02/22/25 22:37	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/22/25 22:37	16984-48-8	
Sulfate	**1.9**	mg/L	1.0	0.50	1		02/22/25 22:37	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/17/25 08:40	03/19/25 15:32	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:32	7440-38-2	
Barium	**0.014**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:32	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 08:40	03/19/25 15:32	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 08:40	03/20/25 07:39	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 08:40	03/19/25 15:32	7440-43-9	
Calcium	**23.5**	mg/L	1.0	0.10	1	03/17/25 08:40	03/19/25 15:32	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:32	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:32	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:32	7440-50-8	
Iron	**0.29**	mg/L	0.040	0.012	1	03/17/25 08:40	03/19/25 15:32	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 08:40	03/19/25 15:32	7439-92-1	
Magnesium	**13.5**	mg/L	0.050	0.010	1	03/17/25 08:40	03/19/25 15:32	7439-95-4	
Manganese	**0.0015J**	mg/L	0.040	0.0012	1	03/17/25 08:40	03/19/25 15:32	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:32	7440-02-0	
Potassium	**0.95**	mg/L	0.50	0.10	1	03/17/25 08:40	03/19/25 15:32	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:32	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 08:40	03/19/25 15:32	7440-22-4	
Sodium	**1.5**	mg/L	1.0	0.15	1	03/17/25 08:40	03/19/25 15:32	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 08:40	03/19/25 15:32	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 08:40	03/19/25 15:32	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/17/25 08:40	03/19/25 15:32	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-GWC-19R **Lab ID: 92781127008** Collected: 02/20/25 12:08 Received: 02/21/25 11:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	02/26/25 17:37	02/27/25 13:07	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**150**	mg/L	5.0	5.0	1		02/28/25 21:48		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/28/25 21:48		
Alkalinity, Total as CaCO3	**150**	mg/L	5.0	5.0	1		02/28/25 21:48		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**153**	mg/L	25.0	25.0	1		02/27/25 14:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.2**	mg/L	1.0	0.60	1		02/22/25 22:52	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/22/25 22:52	16984-48-8	
Sulfate	**2.5**	mg/L	1.0	0.50	1		02/22/25 22:52	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/17/25 08:40	03/19/25 15:48	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:48	7440-38-2	
Barium	**0.016**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:48	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 08:40	03/19/25 15:48	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 08:40	03/20/25 07:48	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 08:40	03/19/25 15:48	7440-43-9	
Calcium	**32.0**	mg/L	1.0	0.10	1	03/17/25 08:40	03/19/25 15:48	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:48	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:48	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:48	7440-50-8	
Iron	**0.79**	mg/L	0.040	0.012	1	03/17/25 08:40	03/19/25 15:48	7439-89-6	
Lead	**0.00026J**	mg/L	0.0010	0.00025	1	03/17/25 08:40	03/19/25 15:48	7439-92-1	
Magnesium	**18.0**	mg/L	0.050	0.010	1	03/17/25 08:40	03/19/25 15:48	7439-95-4	
Manganese	**0.022J**	mg/L	0.040	0.0012	1	03/17/25 08:40	03/19/25 15:48	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:48	7440-02-0	
Potassium	**0.78**	mg/L	0.50	0.10	1	03/17/25 08:40	03/19/25 15:48	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:48	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 08:40	03/19/25 15:48	7440-22-4	
Sodium	**1.4**	mg/L	1.0	0.15	1	03/17/25 08:40	03/19/25 15:48	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 08:40	03/19/25 15:48	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 08:40	03/19/25 15:48	7440-62-2	
Zinc	**0.0055J**	mg/L	0.020	0.0025	1	03/17/25 08:40	03/19/25 15:48	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-GWC-20R **Lab ID: 92781127009** Collected: 02/20/25 13:46 Received: 02/21/25 11:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	02/26/25 17:37	02/27/25 13:23	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**190**	mg/L	5.0	5.0	1		02/28/25 22:03		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/28/25 22:03		
Alkalinity, Total as CaCO3	**190**	mg/L	5.0	5.0	1		02/28/25 22:03		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**172**	mg/L	25.0	25.0	1		02/27/25 14:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.8**	mg/L	1.0	0.60	1		02/22/25 23:37	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/22/25 23:37	16984-48-8	
Sulfate	**1.3**	mg/L	1.0	0.50	1		02/22/25 23:37	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/17/25 08:40	03/19/25 15:53	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:53	7440-38-2	
Barium	**0.033**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:53	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 08:40	03/19/25 15:53	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 08:40	03/20/25 08:15	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 08:40	03/19/25 15:53	7440-43-9	
Calcium	**39.7**	mg/L	1.0	0.10	1	03/17/25 08:40	03/19/25 15:53	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:53	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:53	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:53	7440-50-8	
Iron	**0.45**	mg/L	0.040	0.012	1	03/17/25 08:40	03/19/25 15:53	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 08:40	03/19/25 15:53	7439-92-1	
Magnesium	**21.8**	mg/L	0.050	0.010	1	03/17/25 08:40	03/19/25 15:53	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/17/25 08:40	03/19/25 15:53	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:53	7440-02-0	
Potassium	**0.83**	mg/L	0.50	0.10	1	03/17/25 08:40	03/19/25 15:53	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:53	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 08:40	03/19/25 15:53	7440-22-4	
Sodium	**2.0**	mg/L	1.0	0.15	1	03/17/25 08:40	03/19/25 15:53	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 08:40	03/19/25 15:53	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 08:40	03/19/25 15:53	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/17/25 08:40	03/19/25 15:53	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-GWC-22R **Lab ID: 92781127010** Collected: 02/20/25 16:08 Received: 02/21/25 11:16 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	02/26/25 17:37	02/27/25 13:25	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**163**	mg/L	5.0	5.0	1		02/28/25 22:11		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/28/25 22:11		
Alkalinity, Total as CaCO3	**163**	mg/L	5.0	5.0	1		02/28/25 22:11		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**154**	mg/L	25.0	25.0	1		02/27/25 14:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.2**	mg/L	1.0	0.60	1		02/22/25 23:52	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/22/25 23:52	16984-48-8	
Sulfate	**1.1**	mg/L	1.0	0.50	1		02/22/25 23:52	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.0010J**	mg/L	0.0030	0.00050	1	03/17/25 08:40	03/19/25 15:58	7440-36-0	
Arsenic	**0.0016J**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:58	7440-38-2	
Barium	**0.042**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:58	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 08:40	03/19/25 15:58	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 08:40	03/20/25 08:24	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 08:40	03/19/25 15:58	7440-43-9	
Calcium	**33.4**	mg/L	1.0	0.10	1	03/17/25 08:40	03/19/25 15:58	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:58	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:58	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:58	7440-50-8	
Iron	**0.96**	mg/L	0.040	0.012	1	03/17/25 08:40	03/19/25 15:58	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 08:40	03/19/25 15:58	7439-92-1	
Magnesium	**18.9**	mg/L	0.050	0.010	1	03/17/25 08:40	03/19/25 15:58	7439-95-4	
Manganese	**0.053**	mg/L	0.040	0.0012	1	03/17/25 08:40	03/19/25 15:58	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:58	7440-02-0	
Potassium	**1.4**	mg/L	0.50	0.10	1	03/17/25 08:40	03/19/25 15:58	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 15:58	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 08:40	03/19/25 15:58	7440-22-4	
Sodium	**1.8**	mg/L	1.0	0.15	1	03/17/25 08:40	03/19/25 15:58	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 08:40	03/19/25 15:58	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 08:40	03/19/25 15:58	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/17/25 08:40	03/19/25 15:58	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-GWC-24R **Lab ID: 92781127011** Collected: 02/24/25 12:48 Received: 02/25/25 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	02/26/25 17:37	02/27/25 13:27	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**149**	mg/L	5.0	5.0	1		03/03/25 19:15		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/03/25 19:15		
Alkalinity, Total as CaCO3	**149**	mg/L	5.0	5.0	1		03/03/25 19:15		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**129**	mg/L	25.0	25.0	1		02/28/25 13:49		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.0**	mg/L	1.0	0.60	1		02/26/25 08:03	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/26/25 08:03	16984-48-8	
Sulfate	**2.0**	mg/L	1.0	0.50	1		02/26/25 08:03	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.0013J**	mg/L	0.0030	0.00050	1	03/17/25 08:40	03/19/25 16:03	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:03	7440-38-2	
Barium	**0.016**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:03	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 08:40	03/19/25 16:03	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 08:40	03/20/25 08:33	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 08:40	03/19/25 16:03	7440-43-9	
Calcium	**30.7**	mg/L	1.0	0.10	1	03/17/25 08:40	03/19/25 16:03	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:03	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:03	7440-48-4	
Copper	**0.0013J**	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:03	7440-50-8	
Iron	**0.42**	mg/L	0.040	0.012	1	03/17/25 08:40	03/19/25 16:03	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 08:40	03/19/25 16:03	7439-92-1	
Magnesium	**17.5**	mg/L	0.050	0.010	1	03/17/25 08:40	03/19/25 16:03	7439-95-4	
Manganese	**0.0048J**	mg/L	0.040	0.0012	1	03/17/25 08:40	03/19/25 16:03	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:03	7440-02-0	
Potassium	**0.84**	mg/L	0.50	0.10	1	03/17/25 08:40	03/19/25 16:03	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:03	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 08:40	03/19/25 16:03	7440-22-4	
Sodium	**1.4**	mg/L	1.0	0.15	1	03/17/25 08:40	03/19/25 16:03	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 08:40	03/19/25 16:03	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 08:40	03/19/25 16:03	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/17/25 08:40	03/19/25 16:03	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-LF3-4-FB-06 **Lab ID: 92781127012** Collected: 02/24/25 16:20 Received: 02/25/25 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	02/26/25 17:37	02/27/25 13:29	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/03/25 19:25		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/03/25 19:25		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/03/25 19:25		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/28/25 13:49		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		02/26/25 00:26	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/26/25 00:26	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/26/25 00:26	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/17/25 08:40	03/19/25 16:08	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:08	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:08	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 08:40	03/19/25 16:08	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 08:40	03/20/25 08:42	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 08:40	03/19/25 16:08	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/17/25 08:40	03/19/25 16:08	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:08	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:08	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:08	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/17/25 08:40	03/19/25 16:08	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 08:40	03/19/25 16:08	7439-92-1	
Magnesium	ND	mg/L	0.050	0.010	1	03/17/25 08:40	03/19/25 16:08	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/17/25 08:40	03/19/25 16:08	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:08	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/17/25 08:40	03/19/25 16:08	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:08	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 08:40	03/19/25 16:08	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/17/25 08:40	03/19/25 16:08	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 08:40	03/19/25 16:08	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 08:40	03/19/25 16:08	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/17/25 08:40	03/19/25 16:08	7440-66-6	

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(704)875-9092

ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-LF3-4-EB-06 **Lab ID: 92781127013** Collected: 02/24/25 16:25 Received: 02/25/25 13:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	02/26/25 17:37	02/27/25 13:31	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**6.1**	mg/L	5.0	5.0	1		03/03/25 16:09		
Alkalinity,Carbonate (CaCO3)	**6.1**	mg/L	5.0	5.0	1		03/03/25 16:09		
Alkalinity, Total as CaCO3	**12.2**	mg/L	5.0	5.0	1		03/03/25 16:09		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/28/25 13:49		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		02/26/25 00:41	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/26/25 00:41	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/26/25 00:41	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/17/25 08:40	03/19/25 16:13	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:13	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:13	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 08:40	03/19/25 16:13	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 08:40	03/20/25 08:51	7440-42-8	
Cadmium	**0.00020J**	mg/L	0.00050	0.00012	1	03/17/25 08:40	03/19/25 16:13	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/17/25 08:40	03/19/25 16:13	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:13	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:13	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:13	7440-50-8	
Iron	**0.12**	mg/L	0.040	0.012	1	03/17/25 08:40	03/19/25 16:13	7439-89-6	B
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 08:40	03/19/25 16:13	7439-92-1	
Magnesium	**0.099**	mg/L	0.050	0.010	1	03/17/25 08:40	03/19/25 16:13	7439-95-4	
Manganese	**0.0019J**	mg/L	0.040	0.0012	1	03/17/25 08:40	03/19/25 16:13	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:13	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/17/25 08:40	03/19/25 16:13	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 08:40	03/19/25 16:13	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 08:40	03/19/25 16:13	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/17/25 08:40	03/19/25 16:13	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 08:40	03/19/25 16:13	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 08:40	03/19/25 16:13	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/17/25 08:40	03/19/25 16:13	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-GWC-16R **Lab ID: 92781127014** Collected: 02/25/25 10:21 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 11:25	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**326**	mg/L	5.0	5.0	1		03/05/25 18:05		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 18:05		
Alkalinity, Total as CaCO3	**326**	mg/L	5.0	5.0	1		03/05/25 18:05		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**312**	mg/L	25.0	25.0	1		03/04/25 16:49		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.2**	mg/L	1.0	0.60	1		03/04/25 01:31	16887-00-6	
Fluoride	**0.11**	mg/L	0.10	0.050	1		03/04/25 01:31	16984-48-8	
Sulfate	**9.0**	mg/L	1.0	0.50	1		03/04/25 01:31	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.013**	mg/L	0.0030	0.00050	1	03/17/25 18:50	03/25/25 21:20	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:20	7440-38-2	
Barium	**0.039**	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:20	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 18:50	03/25/25 21:20	7440-41-7	
Boron	**0.0083J**	mg/L	0.040	0.0062	1	03/17/25 18:50	03/26/25 11:45	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 18:50	03/25/25 21:20	7440-43-9	
Calcium	**74.7**	mg/L	10.0	1.0	10	03/17/25 18:50	03/26/25 15:12	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:20	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:20	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:20	7440-50-8	
Iron	**0.039J**	mg/L	0.040	0.012	1	03/17/25 18:50	03/25/25 21:20	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 18:50	03/25/25 21:20	7439-92-1	
Magnesium	**33.5**	mg/L	0.50	0.10	10	03/17/25 18:50	03/26/25 15:12	7439-95-4	
Manganese	**0.025J**	mg/L	0.040	0.0012	1	03/17/25 18:50	03/25/25 21:20	7439-96-5	
Nickel	**0.0097**	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:20	7440-02-0	
Potassium	**2.6**	mg/L	0.50	0.10	1	03/17/25 18:50	03/25/25 21:20	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:20	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 18:50	03/25/25 21:20	7440-22-4	
Sodium	**7.4**	mg/L	1.0	0.15	1	03/17/25 18:50	03/25/25 21:20	7440-23-5	
Thallium	**0.00023J**	mg/L	0.0010	0.00015	1	03/17/25 18:50	03/25/25 21:20	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 18:50	03/25/25 21:20	7440-62-2	
Zinc	**0.025**	mg/L	0.020	0.0025	1	03/17/25 18:50	03/25/25 21:20	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-GWC-17R **Lab ID: 92781127015** Collected: 02/25/25 12:12 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 11:31	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**323**	mg/L	5.0	5.0	1		03/05/25 18:21		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 18:21		
Alkalinity, Total as CaCO3	**323**	mg/L	5.0	5.0	1		03/05/25 18:21		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**305**	mg/L	25.0	25.0	1		03/04/25 16:49		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**4.0**	mg/L	1.0	0.60	1		03/04/25 02:16	16887-00-6	
Fluoride	**0.060J**	mg/L	0.10	0.050	1		03/04/25 02:16	16984-48-8	
Sulfate	**6.6**	mg/L	1.0	0.50	1		03/04/25 02:16	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/17/25 18:50	03/25/25 21:29	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:29	7440-38-2	
Barium	**0.019**	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:29	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 18:50	03/25/25 21:29	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 18:50	03/26/25 11:54	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 18:50	03/25/25 21:29	7440-43-9	
Calcium	**67.4**	mg/L	10.0	1.0	10	03/17/25 18:50	03/26/25 15:21	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:29	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:29	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:29	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/17/25 18:50	03/25/25 21:29	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 18:50	03/25/25 21:29	7439-92-1	
Magnesium	**35.7**	mg/L	0.50	0.10	10	03/17/25 18:50	03/26/25 15:21	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/17/25 18:50	03/25/25 21:29	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:29	7440-02-0	
Potassium	**0.81**	mg/L	0.50	0.10	1	03/17/25 18:50	03/25/25 21:29	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:29	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 18:50	03/25/25 21:29	7440-22-4	
Sodium	**3.4**	mg/L	1.0	0.15	1	03/17/25 18:50	03/25/25 21:29	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 18:50	03/25/25 21:29	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 18:50	03/25/25 21:29	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/17/25 18:50	03/25/25 21:29	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-GWC-21R **Lab ID: 92781127016** Collected: 02/25/25 13:55 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 11:33	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**256**	mg/L	5.0	5.0	1		03/05/25 18:29		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 18:29		
Alkalinity, Total as CaCO3	**256**	mg/L	5.0	5.0	1		03/05/25 18:29		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**241**	mg/L	25.0	25.0	1		03/04/25 16:49		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.4**	mg/L	1.0	0.60	1		03/04/25 02:31	16887-00-6	
Fluoride	**0.057J**	mg/L	0.10	0.050	1		03/04/25 02:31	16984-48-8	
Sulfate	**2.8**	mg/L	1.0	0.50	1		03/04/25 02:31	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.00093J**	mg/L	0.0030	0.00050	1	03/17/25 18:50	03/25/25 21:39	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:39	7440-38-2	
Barium	**0.024**	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:39	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 18:50	03/25/25 21:39	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 18:50	03/26/25 13:04	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 18:50	03/25/25 21:39	7440-43-9	
Calcium	**53.8**	mg/L	10.0	1.0	10	03/17/25 18:50	03/26/25 15:30	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:39	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:39	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:39	7440-50-8	
Iron	**0.022J**	mg/L	0.040	0.012	1	03/17/25 18:50	03/25/25 21:39	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 18:50	03/25/25 21:39	7439-92-1	
Magnesium	**29.4**	mg/L	0.50	0.10	10	03/17/25 18:50	03/26/25 15:30	7439-95-4	
Manganese	**0.0043J**	mg/L	0.040	0.0012	1	03/17/25 18:50	03/25/25 21:39	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:39	7440-02-0	
Potassium	**0.93**	mg/L	0.50	0.10	1	03/17/25 18:50	03/25/25 21:39	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:39	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 18:50	03/25/25 21:39	7440-22-4	
Sodium	**1.8**	mg/L	1.0	0.15	1	03/17/25 18:50	03/25/25 21:39	7440-23-5	
Thallium	**0.00028J**	mg/L	0.0010	0.00015	1	03/17/25 18:50	03/25/25 21:39	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 18:50	03/25/25 21:39	7440-62-2	
Zinc	**0.0035J**	mg/L	0.020	0.0025	1	03/17/25 18:50	03/25/25 21:39	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-GWC-23R **Lab ID: 92781127017** Collected: 02/25/25 12:05 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 11:35	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**334**	mg/L	5.0	5.0	1		03/05/25 18:37		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 18:37		
Alkalinity, Total as CaCO3	**334**	mg/L	5.0	5.0	1		03/05/25 18:37		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**329**	mg/L	25.0	25.0	1		03/04/25 16:26		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.1**	mg/L	1.0	0.60	1		03/04/25 02:45	16887-00-6	
Fluoride	**0.064J**	mg/L	0.10	0.050	1		03/04/25 02:45	16984-48-8	
Sulfate	**25.5**	mg/L	1.0	0.50	1		03/04/25 02:45	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/17/25 18:50	03/25/25 21:48	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:48	7440-38-2	
Barium	**0.023**	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:48	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 18:50	03/25/25 21:48	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 18:50	03/26/25 13:13	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 18:50	03/25/25 21:48	7440-43-9	
Calcium	**64.6**	mg/L	10.0	1.0	10	03/17/25 18:50	03/26/25 15:40	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:48	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:48	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:48	7440-50-8	
Iron	**0.036J**	mg/L	0.040	0.012	1	03/17/25 18:50	03/25/25 21:48	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 18:50	03/25/25 21:48	7439-92-1	
Magnesium	**36.3**	mg/L	0.50	0.10	10	03/17/25 18:50	03/26/25 15:40	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/17/25 18:50	03/25/25 21:48	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:48	7440-02-0	
Potassium	**0.92**	mg/L	0.50	0.10	1	03/17/25 18:50	03/25/25 21:48	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:48	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 18:50	03/25/25 21:48	7440-22-4	
Sodium	**16.2**	mg/L	1.0	0.15	1	03/17/25 18:50	03/25/25 21:48	7440-23-5	
Thallium	**0.00022J**	mg/L	0.0010	0.00015	1	03/17/25 18:50	03/25/25 21:48	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 18:50	03/25/25 21:48	7440-62-2	
Zinc	**0.0037J**	mg/L	0.020	0.0025	1	03/17/25 18:50	03/25/25 21:48	7440-66-6	

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(704)875-9092

ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-GWC-25R **Lab ID: 92781127018** Collected: 02/25/25 10:35 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 11:37	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**156**	mg/L	5.0	5.0	1		03/05/25 18:46		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 18:46		
Alkalinity, Total as CaCO3	**156**	mg/L	5.0	5.0	1		03/05/25 18:46		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**160**	mg/L	25.0	25.0	1		03/04/25 16:26		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.0**	mg/L	1.0	0.60	1		03/04/25 03:30	16887-00-6	
Fluoride	**0.056J**	mg/L	0.10	0.050	1		03/04/25 03:30	16984-48-8	
Sulfate	**1.7**	mg/L	1.0	0.50	1		03/04/25 03:30	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/17/25 18:50	03/25/25 21:57	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:57	7440-38-2	
Barium	**0.015**	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:57	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 18:50	03/25/25 21:57	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 18:50	03/26/25 13:22	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 18:50	03/25/25 21:57	7440-43-9	
Calcium	**31.8**	mg/L	10.0	1.0	10	03/17/25 18:50	03/26/25 15:49	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:57	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:57	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:57	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/17/25 18:50	03/25/25 21:57	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 18:50	03/25/25 21:57	7439-92-1	
Magnesium	**17.7**	mg/L	0.050	0.010	1	03/17/25 18:50	03/25/25 21:57	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/17/25 18:50	03/25/25 21:57	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:57	7440-02-0	
Potassium	**0.72**	mg/L	0.50	0.10	1	03/17/25 18:50	03/25/25 21:57	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 21:57	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 18:50	03/25/25 21:57	7440-22-4	
Sodium	**1.3**	mg/L	1.0	0.15	1	03/17/25 18:50	03/25/25 21:57	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 18:50	03/25/25 21:57	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 18:50	03/25/25 21:57	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/17/25 18:50	03/25/25 21:57	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-LF3-4-FD-07 **Lab ID: 92781127019** Collected: 02/25/25 00:00 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 11:39	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**154**	mg/L	5.0	5.0	1		03/05/25 18:53		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 18:53		
Alkalinity, Total as CaCO3	**154**	mg/L	5.0	5.0	1		03/05/25 18:53		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**161**	mg/L	25.0	25.0	1		03/04/25 16:26		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.0**	mg/L	1.0	0.60	1		03/04/25 03:45	16887-00-6	
Fluoride	**0.056J**	mg/L	0.10	0.050	1		03/04/25 03:45	16984-48-8	
Sulfate	**1.7**	mg/L	1.0	0.50	1		03/04/25 03:45	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/17/25 18:50	03/25/25 22:24	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:24	7440-38-2	
Barium	**0.015**	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:24	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 18:50	03/25/25 22:24	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 18:50	03/25/25 22:24	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 18:50	03/25/25 22:24	7440-43-9	
Calcium	**31.8**	mg/L	10.0	1.0	10	03/17/25 18:50	03/26/25 15:58	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:24	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:24	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:24	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/17/25 18:50	03/25/25 22:24	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 18:50	03/25/25 22:24	7439-92-1	
Magnesium	**17.5**	mg/L	0.050	0.010	1	03/17/25 18:50	03/25/25 22:24	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/17/25 18:50	03/25/25 22:24	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:24	7440-02-0	
Potassium	**0.73**	mg/L	0.50	0.10	1	03/17/25 18:50	03/25/25 22:24	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:24	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 18:50	03/25/25 22:24	7440-22-4	
Sodium	**1.4**	mg/L	1.0	0.15	1	03/17/25 18:50	03/25/25 22:24	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 18:50	03/25/25 22:24	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 18:50	03/25/25 22:24	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/17/25 18:50	03/25/25 22:24	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-LF3-4-FB-07 **Lab ID: 92781127020** Collected: 02/25/25 15:30 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 11:45	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 19:01		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 19:01		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/05/25 19:01		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/04/25 16:29		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		03/03/25 22:33	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/03/25 22:33	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/03/25 22:33	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/17/25 18:50	03/25/25 22:34	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:34	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:34	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 18:50	03/25/25 22:34	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 18:50	03/25/25 22:34	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 18:50	03/25/25 22:34	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/17/25 18:50	03/25/25 22:34	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:34	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:34	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:34	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/17/25 18:50	03/25/25 22:34	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 18:50	03/25/25 22:34	7439-92-1	
Magnesium	ND	mg/L	0.050	0.010	1	03/17/25 18:50	03/25/25 22:34	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/17/25 18:50	03/25/25 22:34	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:34	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/17/25 18:50	03/25/25 22:34	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:34	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 18:50	03/25/25 22:34	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/17/25 18:50	03/25/25 22:34	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 18:50	03/25/25 22:34	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 18:50	03/25/25 22:34	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/17/25 18:50	03/25/25 22:34	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Sample: BOW-LF3-4-EB-07 **Lab ID: 92781127021** Collected: 02/25/25 15:35 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 11:47	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 19:04		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 19:04		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/05/25 19:04		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/04/25 16:29		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		03/03/25 23:03	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/03/25 23:03	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/03/25 23:03	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/17/25 18:50	03/25/25 22:43	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:43	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:43	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/17/25 18:50	03/25/25 22:43	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/17/25 18:50	03/25/25 22:43	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/17/25 18:50	03/25/25 22:43	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/17/25 18:50	03/25/25 22:43	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:43	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:43	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:43	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/17/25 18:50	03/25/25 22:43	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/17/25 18:50	03/25/25 22:43	7439-92-1	
Magnesium	ND	mg/L	0.050	0.010	1	03/17/25 18:50	03/25/25 22:43	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/17/25 18:50	03/25/25 22:43	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:43	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/17/25 18:50	03/25/25 22:43	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/17/25 18:50	03/25/25 22:43	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/17/25 18:50	03/25/25 22:43	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/17/25 18:50	03/25/25 22:43	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/17/25 18:50	03/25/25 22:43	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/17/25 18:50	03/25/25 22:43	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/17/25 18:50	03/25/25 22:43	7440-66-6	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

QC Batch: 918605
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92781127001, 92781127002, 92781127003, 92781127004, 92781127005, 92781127006, 92781127007, 92781127008, 92781127009, 92781127010, 92781127011, 92781127012, 92781127013

METHOD BLANK: 4720728 Matrix: Water
Associated Lab Samples: 92781127001, 92781127002, 92781127003, 92781127004, 92781127005, 92781127006, 92781127007, 92781127008, 92781127009, 92781127010, 92781127011, 92781127012, 92781127013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00012	02/27/25 12:32	

LABORATORY CONTROL SAMPLE: 4720729

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0026	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4720730 4720731

Parameter	Units	92781010050 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.0025	0.0025	0.0036	0.0032	136	119	75-125	12	25	M1

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

QC Batch: 919784
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92781127014, 92781127015, 92781127016, 92781127017, 92781127018, 92781127019, 92781127020, 92781127021

METHOD BLANK: 4726406 Matrix: Water
Associated Lab Samples: 92781127014, 92781127015, 92781127016, 92781127017, 92781127018, 92781127019, 92781127020, 92781127021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00012	03/05/25 11:20	

LABORATORY CONTROL SAMPLE: 4726407

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0025	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4726408 4726409

Parameter	Units	92781127014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.0025	0.0025	0.0024	0.0024	96	95	75-125	1	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

QC Batch: 918962
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92781127001, 92781127002, 92781127003, 92781127004

METHOD BLANK: 4722470 Matrix: Water
Associated Lab Samples: 92781127001, 92781127002, 92781127003, 92781127004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	02/28/25 12:36	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	02/28/25 12:36	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	02/28/25 12:36	

LABORATORY CONTROL SAMPLE: 4722471

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.8	102	80-120	

LABORATORY CONTROL SAMPLE: 4722472

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.6	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4722473 4722474

Parameter	Units	92779981009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	ND	50	50	51.2	52.0	100	101	80-120	2	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4722475 4722476

Parameter	Units	92779981012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	ND	50	50	50.9	51.0	99	99	80-120	0	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

QC Batch: 918966 | Analysis Method: SM 2320B-2011
QC Batch Method: SM 2320B-2011 | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92781127005, 92781127006, 92781127007, 92781127008, 92781127009, 92781127010

METHOD BLANK: 4722493 Matrix: Water
Associated Lab Samples: 92781127005, 92781127006, 92781127007, 92781127008, 92781127009, 92781127010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	02/28/25 16:50	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	02/28/25 16:50	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	02/28/25 16:50	

LABORATORY CONTROL SAMPLE: 4722494

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.5	101	80-120	

LABORATORY CONTROL SAMPLE: 4722495

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.2	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4724853 4724854

Parameter	Units	92781127005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	145	50	50	195	196	101	103	80-120	0	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4724855 4724856

Parameter	Units	92781127006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	6.6	50	50	55.8	55.8	99	98	80-120	0	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

QC Batch: 919587
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92781127013

METHOD BLANK: 4725538 Matrix: Water
Associated Lab Samples: 92781127013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/03/25 13:22	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	03/03/25 13:22	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	03/03/25 13:22	

LABORATORY CONTROL SAMPLE: 4725539

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.5	105	80-120	

LABORATORY CONTROL SAMPLE: 4725540

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.9	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4725594 4725595

Parameter	Units	92781855005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	27.6	50	50	75.8	79.5	96	104	80-120	5	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4725596 4725597

Parameter	Units	92781855006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	27.8	50	50	77.9	78.7	100	102	80-120	1	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

QC Batch: 919588
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92781127011, 92781127012

METHOD BLANK: 4725546 Matrix: Water
Associated Lab Samples: 92781127011, 92781127012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/03/25 16:22	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	03/03/25 16:22	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	03/03/25 16:22	

LABORATORY CONTROL SAMPLE: 4725547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.3	105	80-120	

LABORATORY CONTROL SAMPLE: 4725548

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.8	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4725549 4725550

Parameter	Units	92782118002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	96.1	50	50	146	148	100	103	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4725551 4725552

Parameter	Units	92781354002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	119	50	50	168	170	98	102	80-120	1	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

QC Batch: 920107
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92781127014, 92781127015, 92781127016, 92781127017, 92781127018, 92781127019, 92781127020, 92781127021

METHOD BLANK: 4727794 Matrix: Water
Associated Lab Samples: 92781127014, 92781127015, 92781127016, 92781127017, 92781127018, 92781127019, 92781127020, 92781127021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/05/25 16:58	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	03/05/25 16:58	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	03/05/25 16:58	

LABORATORY CONTROL SAMPLE: 4727795

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.5	103	80-120	

LABORATORY CONTROL SAMPLE: 4727796

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	54.8	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4727797 4727798

Parameter	Units	92782406019 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	157	50	50	202	204	91	95	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4727799 4727800

Parameter	Units	92782406020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	ND	50	50	55.6	55.5	102	102	80-120	0	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

QC Batch: 918504 | Analysis Method: SM 2540C-2015
QC Batch Method: SM 2540C-2015 | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92781127001, 92781127002, 92781127003, 92781127004, 92781127005, 92781127006

METHOD BLANK: 4720416 Matrix: Water
Associated Lab Samples: 92781127001, 92781127002, 92781127003, 92781127004, 92781127005, 92781127006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/26/25 12:50	

LABORATORY CONTROL SAMPLE: 4720417

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	258	103	90-110	

SAMPLE DUPLICATE: 4721094

Parameter	Units	92781183001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	111000	107000	4	25	

SAMPLE DUPLICATE: 4721095

Parameter	Units	92781183004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	55800	55300	1	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

QC Batch: 918780 | Analysis Method: SM 2540C-2015
QC Batch Method: SM 2540C-2015 | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92781127007, 92781127008, 92781127009, 92781127010

METHOD BLANK: 4721786 Matrix: Water
Associated Lab Samples: 92781127007, 92781127008, 92781127009, 92781127010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/27/25 14:43	

LABORATORY CONTROL SAMPLE: 4721787

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	248	99	90-110	

SAMPLE DUPLICATE: 4721788

Parameter	Units	92780931002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	71.0	71.0	0	25	

SAMPLE DUPLICATE: 4721789

Parameter	Units	92781127007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	119	121	2	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

QC Batch: 919287
QC Batch Method: SM 2540C-2015
Analysis Method: SM 2540C-2015
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92781127011, 92781127012, 92781127013

METHOD BLANK: 4724086 Matrix: Water
Associated Lab Samples: 92781127011, 92781127012, 92781127013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/28/25 13:47	

LABORATORY CONTROL SAMPLE: 4724087

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	242	97	90-110	

SAMPLE DUPLICATE: 4724088

Parameter	Units	92781209001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	642	636	1	25	

SAMPLE DUPLICATE: 4724089

Parameter	Units	92782188001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1170	1130	3	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

QC Batch: 919710 | Analysis Method: SM 2540C-2015
QC Batch Method: SM 2540C-2015 | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92781127014, 92781127015, 92781127016

METHOD BLANK: 4726153 Matrix: Water
Associated Lab Samples: 92781127014, 92781127015, 92781127016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	03/04/25 16:45	

LABORATORY CONTROL SAMPLE: 4726154

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	256	102	90-110	

SAMPLE DUPLICATE: 4726155

Parameter	Units	92781909024 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	51.0	52.0	2	25	

SAMPLE DUPLICATE: 4726156

Parameter	Units	92782188021 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	219	213	3	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

QC Batch: 919711 | Analysis Method: SM 2540C-2015
QC Batch Method: SM 2540C-2015 | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92781127017, 92781127018, 92781127019, 92781127020, 92781127021

METHOD BLANK: 4726157 Matrix: Water
Associated Lab Samples: 92781127017, 92781127018, 92781127019, 92781127020, 92781127021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	03/04/25 16:26	

LABORATORY CONTROL SAMPLE: 4726158

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	248	99	90-110	

SAMPLE DUPLICATE: 4726159

Parameter	Units	92781127017 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	329	329	0	25	

SAMPLE DUPLICATE: 4726160

Parameter	Units	92782406020 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0		25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

QC Batch: 917916
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92781127001, 92781127002, 92781127003, 92781127004, 92781127005, 92781127006, 92781127007, 92781127008, 92781127009, 92781127010

METHOD BLANK: 4717826 Matrix: Water
Associated Lab Samples: 92781127001, 92781127002, 92781127003, 92781127004, 92781127005, 92781127006, 92781127007, 92781127008, 92781127009, 92781127010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/22/25 19:08	
Fluoride	mg/L	ND	0.10	0.050	02/22/25 19:08	
Sulfate	mg/L	ND	1.0	0.50	02/22/25 19:08	

LABORATORY CONTROL SAMPLE: 4717827

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.8	102	90-110	
Fluoride	mg/L	2.5	2.4	96	90-110	
Sulfate	mg/L	50	48.7	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4717828 4717829

Parameter	Units	92778538056 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	83.6	50	50	118	119	69	71	90-110	1	10	M1
Fluoride	mg/L	0.081J	2.5	2.5	2.4	2.4	95	94	90-110	1	10	
Sulfate	mg/L	105	50	50	146	147	82	84	90-110	1	10	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4717830 4717831

Parameter	Units	92781127010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.2	50	50	51.5	51.9	98	99	90-110	1	10	
Fluoride	mg/L	ND	2.5	2.5	2.3	2.3	92	93	90-110	1	10	
Sulfate	mg/L	1.1	50	50	48.0	48.5	94	95	90-110	1	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

QC Batch: 918447
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92781127011, 92781127012, 92781127013

METHOD BLANK: 4720241 Matrix: Water
Associated Lab Samples: 92781127011, 92781127012, 92781127013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/25/25 20:19	
Fluoride	mg/L	ND	0.10	0.050	02/25/25 20:19	
Sulfate	mg/L	ND	1.0	0.50	02/25/25 20:19	

LABORATORY CONTROL SAMPLE: 4720242

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.6	99	90-110	
Fluoride	mg/L	2.5	2.4	97	90-110	
Sulfate	mg/L	50	47.7	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4720243 4720244

Parameter	Units	92781467001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	8.6	50	50	58.9	62.6	101	108	90-110	6	10	
Fluoride	mg/L	0.23	2.5	2.5	2.6	2.8	96	103	90-110	7	10	
Sulfate	mg/L	130	50	50	171	174	82	88	90-110	2	10	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4720245 4720246

Parameter	Units	92781077001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	43.9	50	50	95.7	96.3	104	105	90-110	1	10	
Fluoride	mg/L	0.77	2.5	2.5	3.4	3.4	104	106	90-110	1	10	
Sulfate	mg/L	14.4	50	50	63.8	64.6	99	100	90-110	1	10	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

QC Batch: 919660
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92781127014, 92781127015, 92781127016, 92781127017, 92781127018, 92781127019, 92781127020, 92781127021

METHOD BLANK: 4725928 Matrix: Water
Associated Lab Samples: 92781127014, 92781127015, 92781127016, 92781127017, 92781127018, 92781127019, 92781127020, 92781127021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	03/03/25 21:33	
Fluoride	mg/L	ND	0.10	0.050	03/03/25 21:33	
Sulfate	mg/L	ND	1.0	0.50	03/03/25 21:33	

LABORATORY CONTROL SAMPLE: 4725929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.5	101	90-110	
Fluoride	mg/L	2.5	2.6	102	90-110	
Sulfate	mg/L	50	51.2	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4725930 4725931

Parameter	Units	92781127014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1.2	50	50	51.1	51.5	100	101	90-110	1	10	
Fluoride	mg/L	0.11	2.5	2.5	2.7	2.7	102	103	90-110	1	10	
Sulfate	mg/L	9.0	50	50	60.4	60.8	103	104	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4725932 4725933

Parameter	Units	92782406002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	4.0	50	50	56.0	55.1	104	102	90-110	2	10	
Fluoride	mg/L	0.059J	2.5	2.5	2.8	2.8	108	108	90-110	0	10	
Sulfate	mg/L	16.1	50	50	69.2	68.2	106	104	90-110	1	10	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

QC Batch: 922429
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92781127001, 92781127002, 92781127003, 92781127004, 92781127005, 92781127006, 92781127007, 92781127008, 92781127009, 92781127010, 92781127011, 92781127012, 92781127013

METHOD BLANK: 4739876 Matrix: Water
Associated Lab Samples: 92781127001, 92781127002, 92781127003, 92781127004, 92781127005, 92781127006, 92781127007, 92781127008, 92781127009, 92781127010, 92781127011, 92781127012, 92781127013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00050	03/19/25 14:15	
Arsenic	mg/L	ND	0.0050	0.0012	03/19/25 14:15	
Barium	mg/L	ND	0.0050	0.0012	03/19/25 14:15	
Beryllium	mg/L	ND	0.00050	0.00015	03/19/25 14:15	
Boron	mg/L	ND	0.040	0.0062	03/20/25 05:32	
Cadmium	mg/L	ND	0.00050	0.00012	03/19/25 14:15	
Calcium	mg/L	ND	1.0	0.10	03/19/25 14:15	
Chromium	mg/L	ND	0.0050	0.0012	03/19/25 14:15	
Cobalt	mg/L	ND	0.0050	0.0012	03/19/25 14:15	
Copper	mg/L	ND	0.0050	0.0012	03/19/25 14:15	
Iron	mg/L	0.016J	0.040	0.012	03/19/25 14:15	
Lead	mg/L	ND	0.0010	0.00025	03/19/25 14:15	
Magnesium	mg/L	ND	0.050	0.010	03/19/25 14:15	
Manganese	mg/L	ND	0.040	0.0012	03/19/25 14:15	
Nickel	mg/L	ND	0.0050	0.0012	03/19/25 14:15	
Potassium	mg/L	ND	0.50	0.10	03/19/25 14:15	
Selenium	mg/L	ND	0.0050	0.0012	03/19/25 14:15	
Silver	mg/L	ND	0.0050	0.00025	03/19/25 14:15	
Sodium	mg/L	ND	1.0	0.15	03/19/25 14:15	
Thallium	mg/L	ND	0.0010	0.00015	03/19/25 14:15	
Vanadium	mg/L	ND	0.010	0.0025	03/19/25 14:15	
Zinc	mg/L	ND	0.020	0.0025	03/19/25 14:15	

LABORATORY CONTROL SAMPLE: 4739877

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.096	96	80-120	
Arsenic	mg/L	0.1	0.096	96	80-120	
Barium	mg/L	0.1	0.095	95	80-120	
Beryllium	mg/L	0.1	0.096	96	80-120	
Boron	mg/L	0.1	0.098	98	80-120	
Cadmium	mg/L	0.1	0.094	94	80-120	
Calcium	mg/L	1	1.0J	100	80-120	
Chromium	mg/L	0.1	0.097	97	80-120	
Cobalt	mg/L	0.1	0.10	102	80-120	
Copper	mg/L	0.1	0.10	102	80-120	
Iron	mg/L	1	0.99	99	80-120	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

LABORATORY CONTROL SAMPLE: 4739877

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	0.1	0.097	97	80-120	
Magnesium	mg/L	1	0.99	99	80-120	
Manganese	mg/L	0.1	0.097	97	80-120	
Nickel	mg/L	0.1	0.10	102	80-120	
Potassium	mg/L	1	1.0	103	80-120	
Selenium	mg/L	0.1	0.093	93	80-120	
Silver	mg/L	0.1	0.099	99	80-120	
Sodium	mg/L	1	1.0	103	80-120	
Thallium	mg/L	0.1	0.098	98	80-120	
Vanadium	mg/L	0.1	0.098	98	80-120	
Zinc	mg/L	0.1	0.10	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4739878 4739879

Parameter	Units	92781127002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.093	0.093	93	93	75-125	0	20	
Arsenic	mg/L	ND	0.1	0.1	0.095	0.095	95	95	75-125	0	20	
Barium	mg/L	0.036	0.1	0.1	0.13	0.13	96	95	75-125	1	20	
Beryllium	mg/L	ND	0.1	0.1	0.095	0.096	95	96	75-125	1	20	
Boron	mg/L	0.019J	0.1	0.1	0.12	0.12	101	104	75-125	2	20	
Cadmium	mg/L	ND	0.1	0.1	0.094	0.094	94	94	75-125	0	20	
Calcium	mg/L	51.1	1	1	50.7	51.5	-46	35	75-125	2	20	M1
Chromium	mg/L	ND	0.1	0.1	0.095	0.096	95	95	75-125	1	20	
Cobalt	mg/L	ND	0.1	0.1	0.099	0.099	99	98	75-125	1	20	
Copper	mg/L	ND	0.1	0.1	0.10	0.10	100	100	75-125	1	20	
Iron	mg/L	0.75	1	1	1.7	1.7	95	97	75-125	1	20	
Lead	mg/L	ND	0.1	0.1	0.095	0.096	95	95	75-125	1	20	
Magnesium	mg/L	26.3	1	1	27.0	27.3	71	102	75-125	1	20	M1
Manganese	mg/L	0.011J	0.1	0.1	0.10	0.11	94	95	75-125	1	20	
Nickel	mg/L	ND	0.1	0.1	0.098	0.099	98	98	75-125	1	20	
Potassium	mg/L	1.4	1	1	2.5	2.4	103	99	75-125	2	20	
Selenium	mg/L	ND	0.1	0.1	0.095	0.095	94	94	75-125	0	20	
Silver	mg/L	ND	0.1	0.1	0.098	0.097	98	97	75-125	1	20	
Sodium	mg/L	1.8	1	1	2.7	2.7	89	93	75-125	1	20	
Thallium	mg/L	ND	0.1	0.1	0.097	0.10	97	100	75-125	3	20	
Vanadium	mg/L	ND	0.1	0.1	0.096	0.097	95	96	75-125	1	20	
Zinc	mg/L	0.013J	0.1	0.1	0.11	0.11	101	100	75-125	1	20	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

QC Batch: 922648
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92781127014, 92781127015, 92781127016, 92781127017, 92781127018, 92781127019, 92781127020, 92781127021

METHOD BLANK: 4740663 Matrix: Water
Associated Lab Samples: 92781127014, 92781127015, 92781127016, 92781127017, 92781127018, 92781127019, 92781127020, 92781127021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00050	03/25/25 19:40	
Arsenic	mg/L	ND	0.0050	0.0012	03/25/25 19:40	
Barium	mg/L	ND	0.0050	0.0012	03/25/25 19:40	
Beryllium	mg/L	ND	0.00050	0.00015	03/25/25 19:40	
Boron	mg/L	ND	0.040	0.0062	03/26/25 11:27	
Cadmium	mg/L	ND	0.00050	0.00012	03/25/25 19:40	
Calcium	mg/L	ND	1.0	0.10	03/25/25 19:40	
Chromium	mg/L	ND	0.0050	0.0012	03/25/25 19:40	
Cobalt	mg/L	ND	0.0050	0.0012	03/25/25 19:40	
Copper	mg/L	ND	0.0050	0.0012	03/25/25 19:40	
Iron	mg/L	ND	0.040	0.012	03/25/25 19:40	
Lead	mg/L	ND	0.0010	0.00025	03/25/25 19:40	
Magnesium	mg/L	ND	0.050	0.010	03/25/25 19:40	
Manganese	mg/L	ND	0.040	0.0012	03/25/25 19:40	
Nickel	mg/L	ND	0.0050	0.0012	03/25/25 19:40	
Potassium	mg/L	ND	0.50	0.10	03/25/25 19:40	
Selenium	mg/L	ND	0.0050	0.0012	03/25/25 19:40	
Silver	mg/L	ND	0.0050	0.00025	03/25/25 19:40	
Sodium	mg/L	ND	1.0	0.15	03/25/25 19:40	
Thallium	mg/L	ND	0.0010	0.00015	03/25/25 19:40	
Vanadium	mg/L	ND	0.010	0.0025	03/25/25 19:40	
Zinc	mg/L	ND	0.020	0.0025	03/25/25 19:40	

LABORATORY CONTROL SAMPLE: 4740664

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.096	96	80-120	
Arsenic	mg/L	0.1	0.085	85	80-120	
Barium	mg/L	0.1	0.098	98	80-120	
Beryllium	mg/L	0.1	0.088	88	80-120	
Boron	mg/L	0.1	0.10	102	80-120	
Cadmium	mg/L	0.1	0.095	95	80-120	
Calcium	mg/L	1	1.0J	100	80-120	
Chromium	mg/L	0.1	0.10	101	80-120	
Cobalt	mg/L	0.1	0.11	107	80-120	
Copper	mg/L	0.1	0.10	103	80-120	
Iron	mg/L	1	1.0	101	80-120	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

LABORATORY CONTROL SAMPLE: 4740664

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	0.1	0.10	102	80-120	
Magnesium	mg/L	1	1.0	102	80-120	
Manganese	mg/L	0.1	0.11	105	80-120	
Nickel	mg/L	0.1	0.11	113	80-120	
Potassium	mg/L	1	1.0	101	80-120	
Selenium	mg/L	0.1	0.082	82	80-120	
Silver	mg/L	0.1	0.10	105	80-120	
Sodium	mg/L	1	0.97J	97	80-120	
Thallium	mg/L	0.1	0.10	102	80-120	
Vanadium	mg/L	0.1	0.098	98	80-120	
Zinc	mg/L	0.1	0.089	89	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4740665 4740666

Parameter	Units	92781919022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	0.0010J	0.1	0.1	0.10	0.11	103	105	75-125	2	20	
Arsenic	mg/L	ND	0.1	0.1	0.096	0.099	95	98	75-125	3	20	
Barium	mg/L	0.023	0.1	0.1	0.12	0.13	101	104	75-125	3	20	
Beryllium	mg/L	0.0015	0.1	0.1	0.095	0.095	93	94	75-125	1	20	
Boron	mg/L	9.6	0.1	0.1	9.7	10.1	100	536	75-125	4	20	M1
Cadmium	mg/L	0.00078	0.1	0.1	0.083	0.085	83	84	75-125	1	20	
Calcium	mg/L	110	1	1	110	114	50	424	75-125	3	20	M1
Chromium	mg/L	ND	0.1	0.1	0.096	0.097	95	97	75-125	1	20	
Cobalt	mg/L	0.0019J	0.1	0.1	0.099	0.10	97	99	75-125	2	20	
Copper	mg/L	0.0046J	0.1	0.1	0.10	0.11	100	102	75-125	2	20	
Iron	mg/L	0.10	1	1	1.0	1.1	93	95	75-125	2	20	
Lead	mg/L	ND	0.1	0.1	0.080	0.081	80	81	75-125	1	20	
Magnesium	mg/L	63.1	1	1	63.8	65.4	69	235	75-125	3	20	M1
Manganese	mg/L	0.13	0.1	0.1	0.22	0.22	85	91	75-125	3	20	
Nickel	mg/L	ND	0.1	0.1	0.10	0.10	99	101	75-125	2	20	
Potassium	mg/L	5.0	1	1	5.8	6.0	86	99	75-125	2	20	
Selenium	mg/L	0.11	0.1	0.1	0.20	0.20	94	95	75-125	0	20	
Silver	mg/L	ND	0.1	0.1	0.099	0.10	99	100	75-125	1	20	
Sodium	mg/L	25.6	1	1	25.9	26.6	23	98	75-125	3	20	M1
Thallium	mg/L	ND	0.1	0.1	0.083	0.084	83	84	75-125	1	20	
Vanadium	mg/L	ND	0.1	0.1	0.099	0.10	99	101	75-125	2	20	
Zinc	mg/L	0.013J	0.1	0.1	0.10	0.11	91	93	75-125	2	20	

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QUALIFIERS

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92781127001	**BOW-GWC-36A**	EPA 7470A	918605	EPA 7470A	918953
92781127002	**BOW-GWC-36RA**	EPA 7470A	918605	EPA 7470A	918953
92781127003	**BOW-GWC-37**	EPA 7470A	918605	EPA 7470A	918953
92781127004	**BOW-GWC-38**	EPA 7470A	918605	EPA 7470A	918953
92781127005	**BOW-GWC-18R**	EPA 7470A	918605	EPA 7470A	918953
92781127006	**BOW-LF3-4-FD-06**	EPA 7470A	918605	EPA 7470A	918953
92781127007	**BOW-GWC-18**	EPA 7470A	918605	EPA 7470A	918953
92781127008	**BOW-GWC-19R**	EPA 7470A	918605	EPA 7470A	918953
92781127009	**BOW-GWC-20R**	EPA 7470A	918605	EPA 7470A	918953
92781127010	**BOW-GWC-22R**	EPA 7470A	918605	EPA 7470A	918953
92781127011	**BOW-GWC-24R**	EPA 7470A	918605	EPA 7470A	918953
92781127012	**BOW-LF3-4-FB-06**	EPA 7470A	918605	EPA 7470A	918953
92781127013	**BOW-LF3-4-EB-06**	EPA 7470A	918605	EPA 7470A	918953
92781127014	**BOW-GWC-16R**	EPA 7470A	919784	EPA 7470A	920119
92781127015	**BOW-GWC-17R**	EPA 7470A	919784	EPA 7470A	920119
92781127016	**BOW-GWC-21R**	EPA 7470A	919784	EPA 7470A	920119
92781127017	**BOW-GWC-23R**	EPA 7470A	919784	EPA 7470A	920119
92781127018	**BOW-GWC-25R**	EPA 7470A	919784	EPA 7470A	920119
92781127019	**BOW-LF3-4-FD-07**	EPA 7470A	919784	EPA 7470A	920119
92781127020	**BOW-LF3-4-FB-07**	EPA 7470A	919784	EPA 7470A	920119
92781127021	**BOW-LF3-4-EB-07**	EPA 7470A	919784	EPA 7470A	920119
92781127001	**BOW-GWC-36A**	SM 2320B-2011	918962		
92781127002	**BOW-GWC-36RA**	SM 2320B-2011	918962		
92781127003	**BOW-GWC-37**	SM 2320B-2011	918962		
92781127004	**BOW-GWC-38**	SM 2320B-2011	918962		
92781127005	**BOW-GWC-18R**	SM 2320B-2011	918966		
92781127006	**BOW-LF3-4-FD-06**	SM 2320B-2011	918966		
92781127007	**BOW-GWC-18**	SM 2320B-2011	918966		
92781127008	**BOW-GWC-19R**	SM 2320B-2011	918966		
92781127009	**BOW-GWC-20R**	SM 2320B-2011	918966		
92781127010	**BOW-GWC-22R**	SM 2320B-2011	918966		
92781127011	**BOW-GWC-24R**	SM 2320B-2011	919588		
92781127012	**BOW-LF3-4-FB-06**	SM 2320B-2011	919588		
92781127013	**BOW-LF3-4-EB-06**	SM 2320B-2011	919587		
92781127014	**BOW-GWC-16R**	SM 2320B-2011	920107		
92781127015	**BOW-GWC-17R**	SM 2320B-2011	920107		
92781127016	**BOW-GWC-21R**	SM 2320B-2011	920107		
92781127017	**BOW-GWC-23R**	SM 2320B-2011	920107		
92781127018	**BOW-GWC-25R**	SM 2320B-2011	920107		
92781127019	**BOW-LF3-4-FD-07**	SM 2320B-2011	920107		
92781127020	**BOW-LF3-4-FB-07**	SM 2320B-2011	920107		
92781127021	**BOW-LF3-4-EB-07**	SM 2320B-2011	920107		
92781127001	**BOW-GWC-36A**	SM 2540C-2015	918504		
92781127002	**BOW-GWC-36RA**	SM 2540C-2015	918504		
92781127003	**BOW-GWC-37**	SM 2540C-2015	918504		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92781127004	**BOW-GWC-38**	SM 2540C-2015	918504		
92781127005	**BOW-GWC-18R**	SM 2540C-2015	918504		
92781127006	**BOW-LF3-4-FD-06**	SM 2540C-2015	918504		
92781127007	**BOW-GWC-18**	SM 2540C-2015	918780		
92781127008	**BOW-GWC-19R**	SM 2540C-2015	918780		
92781127009	**BOW-GWC-20R**	SM 2540C-2015	918780		
92781127010	**BOW-GWC-22R**	SM 2540C-2015	918780		
92781127011	**BOW-GWC-24R**	SM 2540C-2015	919287		
92781127012	**BOW-LF3-4-FB-06**	SM 2540C-2015	919287		
92781127013	**BOW-LF3-4-EB-06**	SM 2540C-2015	919287		
92781127014	**BOW-GWC-16R**	SM 2540C-2015	919710		
92781127015	**BOW-GWC-17R**	SM 2540C-2015	919710		
92781127016	**BOW-GWC-21R**	SM 2540C-2015	919710		
92781127017	**BOW-GWC-23R**	SM 2540C-2015	919711		
92781127018	**BOW-GWC-25R**	SM 2540C-2015	919711		
92781127019	**BOW-LF3-4-FD-07**	SM 2540C-2015	919711		
92781127020	**BOW-LF3-4-FB-07**	SM 2540C-2015	919711		
92781127021	**BOW-LF3-4-EB-07**	SM 2540C-2015	919711		
92781127001	**BOW-GWC-36A**	EPA 300.0 Rev 2.1 1993	917916		
92781127002	**BOW-GWC-36RA**	EPA 300.0 Rev 2.1 1993	917916		
92781127003	**BOW-GWC-37**	EPA 300.0 Rev 2.1 1993	917916		
92781127004	**BOW-GWC-38**	EPA 300.0 Rev 2.1 1993	917916		
92781127005	**BOW-GWC-18R**	EPA 300.0 Rev 2.1 1993	917916		
92781127006	**BOW-LF3-4-FD-06**	EPA 300.0 Rev 2.1 1993	917916		
92781127007	**BOW-GWC-18**	EPA 300.0 Rev 2.1 1993	917916		
92781127008	**BOW-GWC-19R**	EPA 300.0 Rev 2.1 1993	917916		
92781127009	**BOW-GWC-20R**	EPA 300.0 Rev 2.1 1993	917916		
92781127010	**BOW-GWC-22R**	EPA 300.0 Rev 2.1 1993	917916		
92781127011	**BOW-GWC-24R**	EPA 300.0 Rev 2.1 1993	918447		
92781127012	**BOW-LF3-4-FB-06**	EPA 300.0 Rev 2.1 1993	918447		
92781127013	**BOW-LF3-4-EB-06**	EPA 300.0 Rev 2.1 1993	918447		
92781127014	**BOW-GWC-16R**	EPA 300.0 Rev 2.1 1993	919660		
92781127015	**BOW-GWC-17R**	EPA 300.0 Rev 2.1 1993	919660		
92781127016	**BOW-GWC-21R**	EPA 300.0 Rev 2.1 1993	919660		
92781127017	**BOW-GWC-23R**	EPA 300.0 Rev 2.1 1993	919660		
92781127018	**BOW-GWC-25R**	EPA 300.0 Rev 2.1 1993	919660		
92781127019	**BOW-LF3-4-FD-07**	EPA 300.0 Rev 2.1 1993	919660		
92781127020	**BOW-LF3-4-FB-07**	EPA 300.0 Rev 2.1 1993	919660		
92781127021	**BOW-LF3-4-EB-07**	EPA 300.0 Rev 2.1 1993	919660		
92781127001	**BOW-GWC-36A**	EPA 3005A	922429	EPA 6020B	923562
92781127002	**BOW-GWC-36RA**	EPA 3005A	922429	EPA 6020B	923562
92781127003	**BOW-GWC-37**	EPA 3005A	922429	EPA 6020B	923562
92781127004	**BOW-GWC-38**	EPA 3005A	922429	EPA 6020B	923562
92781127005	**BOW-GWC-18R**	EPA 3005A	922429	EPA 6020B	923562
92781127006	**BOW-LF3-4-FD-06**	EPA 3005A	922429	EPA 6020B	923562

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bowen LF Cells 3&4
Pace Project No.: 92781127

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92781127007	**BOW-GWC-18**	EPA 3005A	922429	EPA 6020B	923562
92781127008	**BOW-GWC-19R**	EPA 3005A	922429	EPA 6020B	923562
92781127009	**BOW-GWC-20R**	EPA 3005A	922429	EPA 6020B	923562
92781127010	**BOW-GWC-22R**	EPA 3005A	922429	EPA 6020B	923562
92781127011	**BOW-GWC-24R**	EPA 3005A	922429	EPA 6020B	923562
92781127012	**BOW-LF3-4-FB-06**	EPA 3005A	922429	EPA 6020B	923562
92781127013	**BOW-LF3-4-EB-06**	EPA 3005A	922429	EPA 6020B	923562
92781127014	**BOW-GWC-16R**	EPA 3005A	922648	EPA 6020B	924780
92781127015	**BOW-GWC-17R**	EPA 3005A	922648	EPA 6020B	924780
92781127016	**BOW-GWC-21R**	EPA 3005A	922648	EPA 6020B	924780
92781127017	**BOW-GWC-23R**	EPA 3005A	922648	EPA 6020B	924780
92781127018	**BOW-GWC-25R**	EPA 3005A	922648	EPA 6020B	924780
92781127019	**BOW-LF3-4-FD-07**	EPA 3005A	922648	EPA 6020B	924780
92781127020	**BOW-LF3-4-FB-07**	EPA 3005A	922648	EPA 6020B	924780
92781127021	**BOW-LF3-4-EB-07**	EPA 3005A	922648	EPA 6020B	924780

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DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

WO# : 92781127

92781127

Sample Condition Upon Receipt

Client Name: Gr Powell Project #:

Courier: ☐ Commercial ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Pace ☐ Other:

Custody Seal Present? ☑ Yes ☐ No Seals Intact? ☐ Yes ☐ No ☐ N/A Date/Initials Person Examining Contents: 2/26/25 SK

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☑ IR Gun ID: 232 Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 4.5 Correction Factor: Add/Subtract (°C) 0.1

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 5.0

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: W				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☐ N/A	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

Qualtrax ID: 69614

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles
***Check all unpreserved Nitrates for chlorine

Project #

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG84-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3B-250 mL Plastic (NH4)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																													
1		2	1				2																						
2		2	1				2																						
3		2	1				2																						
4		2	1				2																						
5		2	1				2																						
6		2	1				2																						
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

92781127

Scan QR Code for instructions

Company Name: Georgia Power - Bowen

Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308

Contact/Report To: Kristen Jurinko, John Mocko

Phone #: (470) 217-0008

E-Mail: knjurink@southernco.com

Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gangi

Customer Project #:

Project Name: Bowen LF Cells 3&4

Site Collection Info/Facility ID (as applicable):

Invoice to: Account Payable

Invoice E-mail: georgiapowerinvoices@southernco.com

Purchase Order # (if applicable): GPC82474-0006

Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level I [ ] Level II [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 20mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F-, SO4-2, Cl-	App. Metals I/II/III + State Metals	Lab Use Only	Sample Comment	Preservation non conformance identified for sample.
BOW-GWC-36A	WG	G			2/19/25	1418	5			X	X	X	X		001	
BOW-GWC-36RA	WG	G			2/19/25	1303	5			X	X	X	X		002	
BOW-GWC-37	WG	G			2/19/25	1253	5			X	X	X	X		003	
BOW-GWC-38	WG	G			2/19/25	1546	5			X	X	X	X		004	
BOW-GWC-16R	WG	G					5			X	X	X	X			
BOW-GWC-17R	WG	G					5			X	X	X	X			
BOW-GWC-18	WG	G					5			X	X	X	X			
BOW-GWC-18R	WG	G			2/19/25	1543	5			X	X	X	X		005	
BOW-GWC-19R	WG	G					5			X	X	X	X			
BOW-GWC-20R	WG	G					5			X	X	X	X			

Lab Use Only: Proj. Mgr: Bonnie Vang; Acctnum / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: EZ 3225302

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App III: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App IV: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name

Signature

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C): Corrected Temp (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
EnSafe	2/21/25 1116	Pace	2/21/25 1116	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Pace	2/21/25 1540		2/21/25 1540	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORC-0019_v02_110123 ©

Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smitley, Noella Gangi
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 3&4	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPC82474-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other ____ Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

** Container Size: (1) 1L (2) 500mL (3) 250mL (4) 125mL (5) 100mL (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F, SO4, Cl	App. Metals II/III + Silica Metals	Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:	Table #:	Profile / Template: 16492	Prelog / Bottle Ord. ID: EZ 3225302	Sample Comment	Preservation non-conformance identified for sample
BOW-GWC-21R	WG	G					5			X	X	X	X						
BOW-GWC-22R	WG	G					5			X	X	X	X						
BOW-GWC-23R	WG	G					5			X	X	X	X						
BOW-GWC-24R	WG	G					5			X	X	X	X						
BOW-GWC-25R	WG	G					5			X	X	X	X						
		G					5			X	X	X	X						
BOW-LF3-4-FD-06	WG	G			2/19/25	—	5			X	X	X	X						
BOW-LF3-4-FD-	WG	G					5			X	X	X	X						
BOW-LF3-4-FB-	WQ	G					5			X	X	X	X						
BOW-LF3-4-EB-	WQ	G					5			X	X	X	X						

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App III: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Lasker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name

Signature

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C): Corrected Temp (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Ensafe	2/21/25 1116	Pace	2/21/25 1116	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Pace	2/21/25 1540		2/21/25 1540	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 2
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: Ga Power

Project #:

Courier: ☐ Commercial ☐ Fed Ex ☑ Pace ☐ UPS ☐ USPS ☐ Other:____ ☐ Client

Custody Seal Present? ☑ Yes ☐ No Seals Intact? ☑ Yes ☐ No ☐ N/A

Date/Initials Person Examining Contents: 7/21/25 SM

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☑ IR Gun ID: 730

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.1 Correction Factor: Add/Subtract (°C) 0.1

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 3.2

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: W				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

Qualtrax ID: 69614

Pace ANALYTICAL SERVICES

DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles
***Check all unpreserved Nitrates for chlorine

Project #

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client _____ Profile/EZ (Circle one) _____ Notes _____

Item #	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG9A-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AGDU-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation Vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																													
1		2	1				2																						
2		2	1				2																						
3		2	1				2																						
4		2	1				2																						
5																													
6																													
7																													
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11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Page 2 of 2

Qualtrax ID: 69614

Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noella Gangi
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 3&4	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPC82474-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other ____ Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F, SO_4^{2-}, Cl	App. Metals III/IIII + State Metals	Lab Use Only	Sample Comment	Preservation non-conformance identified for sample
BOW-GWC-36A	WG	G					5			X	X	X	X			
BOW-GWC-36RA	WG	G					5			X	X	X	X			
BOW-GWC-37	WG	G					5			X	X	X	X			
BOW-GWC-38	WG	G					5			X	X	X	X			
BOW-GWC-16R	WG	G					5			X	X	X	X			
BOW-GWC-17R	WG	G					5			X	X	X	X			
BOW-GWC-18	WG	G			2/20/25	1611	5			X	X	X	X		007	
BOW-GWC-18R	WG	G					5			X	X	X	X			
BOW-GWC-19R	WG	G			2/20/25	1208	5			X	X	X	X		008	
BOW-GWC-20R	WG	G			2/20/25	1346	5			X	X	X	X		009	

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: EZ 3225302

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App III: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name / Signature

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time: 2/21/25 1116	Received by/Company: (Signature)	Date/Time: 2/21/25 1116
Relinquished by/Company: (Signature)	Date/Time: 2/21/25 1540	Received by/Company: (Signature)	Date/Time: 2/21/25 1540
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 2

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ENV-FRM-CORQ-0019_v02_110123 ©

Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave, Suite 300, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gangi
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 3&4	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPC824/4-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other ____ Date Results Requested:
	DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F^-, SO_4^{2-}, Cl^-	App. Metals I/II/III + Slate Metals	Analysis Requested	Lab Use Only	Sample Comment	Preservation non-conformance identified for sample
BOW-GWC-21R	WG	G					5			X	X	X	X				
BOW-GWC-22R	WG	G			2/24/25	1608	5			X	X	X	X				
BOW-GWC-23R	WG	G					5			X	X	X	X				
BOW-GWC-24R	WG	G					5			X	X	X	X				
BOW-GWC-25R	WG	G					5			X	X	X	X				
		G					5			X	X	X	X				
BOW-LF3-4-FD-	WG	G					5			X	X	X	X				
BOW-LF3-4-FD-	WG	G					5			X	X	X	X				
BOW-LF3-4-FB-	WQ	G					5			X	X	X	X				
BOW-LF3-4-EB-	WQ	G					5			X	X	X	X				

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: EZ 3225302

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App IB: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App II: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name:

Signature:

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[illegible] EnSafe	2/21/25 1116	William Williams / Pace	2/21/25 1116
Kyrin Williams / Pace	2/21/25 1540	[signature]	2/21/25 1540
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 2 of 2

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ENV-FRM-CORQ-0019_v02_110123 ©

Pace

Effective Date: 05/24/2024

aboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: Ga. Power

Project #: **WO#: 92781127**

PM: BV **Due Date: 03/07/25**
CLIENT: 92-GP-BOWLF

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client
☐ Commercial ☑ Pace ☐ Other:

Custody Seal Present? ☑ Yes ☐ No Seals Intact? ☑ Yes ☐ No ☐ N/A

Date/Initials Person Examining Contents: 2/25/25 MJ

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer:
☐ IR Gun ID: 232

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.1 Correction Factor: Add/Subtract (°C) 0.1

Cooler Temp Corrected (°C): 3.1

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☐ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: W				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

AMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

IT NOTIFICATION/RESOLUTION

son contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

WO# : 92781127

PM: BV Due Date: 03/07/25

CLIENT: 92-GP-BOWLF

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

***Check all unpreserved Nitrates for chlorine

Project #

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BF2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																													
1		2	1				2																						
2		2	1				2																						
3		2	1				2																						
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave. Suite 300, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

92781127

Scan QR Code for instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
Customer Project #:	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gangi
Project Name: Bowen LF Cells 3&4	Invoice to: Account Payable
Site Collection Info/Facility ID (as applicable):	Invoice E-mail: georgiapowerinvoices@southernco.com
	Purchase Order # (if applicable): GPC82474-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EDDS [ ] Other	Regulatory Programs (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 30mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F-, SO4 2-, Cl-	App. Metals III/III + State Metals	Sample Comment
BOW-GWC-21R	WG	G					5			X	X	X	X	
BOW-GWC-22R	WG	G					5			X	X	X	X	
BOW-GWC-23R	WG	G					5			X	X	X	X	
BOW-GWC-24R	WG	G			2/24/25	1248	5			X	X	X	X	
BOW-GWC-25R	WG	G					5			X	X	X	X	011
		G					5			X	X	X	X	
BOW-LF3-4-FD-	WG	G					5			X	X	X	X	
BOW-LF3-4-FD-	WG	G					5			X	X	X	X	
BOW-LF3-4-FB-06	WQ	G					5			X	X	X	X	
BOW-LF3-4-EB-06	WQ	G			2/24/25	1620	5			X	X	X	X	
					2/24/25	1625	5			X	X	X	X	012 013

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Lab Use Only: Proj. Mgr: Bonnie Vang; Acct/Num / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: EZ 3225302

Preservation non-conformance identified for sample.

Additional Instructions from Pace?:

Task Code: BOW-CCR-ASSMT-2025S1

App IV: Antimony, Arsenic, Boron, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc

App IB: Calcium, Chloride, Fluoride, Sulfate, TDS

Addl: Sulfate, Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Siewart, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name:

Signature:

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C):	Corrected Temp. (°C):	[ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Jay Siewart / Ensafe	2-25-25 0911	Ryan Williams / Pace	2/25/25 0914	
Ryan Williams / Pace	2/25/26 1310		2/25/25 1510	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORO-0019_v02_110123 ©

DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: GA Power

Project #:

Courier: ☐ Commercial ☐ Fed Ex ☑ Pace ☐ UPS ☐ USPS ☐ Other:____ ☐ Client

Custody Seal Present? ☑ Yes ☐ No Seals Intact? ☑ Yes ☐ No ☐ N/A

Date/Initials Person Examining Contents: 2/27/25 ox

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☐ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 4.0 Correction Factor: Add/Subtract (°C) 0

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 4.0

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☑ No	☐ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WG				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles
***Check all unpreserved Nitrates for chlorine

Project #

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Client GA Power Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	K2T7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG8U-40 mL Amber Unpreserved vials (N/A)
CC																													
1		2	1				2																						
2		2	1				2																						
3		2	1				2																						
4		2	1				2																						
5		2	1				2																						
6		2	1				2																						
7		2	1				2																						
8		2	1				2																						
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

92781127

Scan QR Code for instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gangi
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 3&4	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPC82474-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQuIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LE), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F^-, SO_4^{2-}, Cl^-	App. Metals III/III + State Metals	Sample Comment
BOW-GWC-36A	WG	G					5			X	X	X	X	
BOW-GWC-36RA	WG	G					5			X	X	X	X	
BOW-GWC-37	WG	G					5			X	X	X	X	
BOW-GWC-38	WG	G					5			X	X	X	X	
BOW-GWC-16R	WG	G			2/25/25	1021	5			X	X	X	X	
BOW-GWC-17R	WG	G			2/25/25	1212	5			X	X	X	X	014
BOW-GWC-18	WG	G					5			X	X	X	X	015
BOW-GWC-18R	WG	G					5			X	X	X	X	
BOW-GWC-19R	WG	G					5			X	X	X	X	
BOW-GWC-20R	WG	G					5			X	X	X	X	

Specify Container Size**: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Type: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; Accttnum / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: EZ 3225302

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App IB: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Stewart, Natalie Piparo, Sawyer Kowles, Kyle Rhyne

Printed Name:

Signature:

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp (°C):	Corrected Temp (°C):	[ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Ryan Williams / Pace	2/03/25 1017	Ryan Williams / Pace	2/24/25 1017
Relinquished by/Company: (Signature)	Date/Time: 2/24/25 1540	Received by/Company: (Signature)	Date/Time: 2/25/25 1540
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

92781127

Scan QR Code for instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gangi
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 3&4	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPC82474-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 10mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F, SO_4^{2-}, Cl	App. Metals III/III + State Metals	Sample Comment
BOW-GWC-21R	WG	G			2/25/25	1355	5			X	X	X	X	016
BOW-GWC-22R	WG	G			~~2~~ KR		5			X	X	X	X	
BOW-GWC-23R	WG	G			2/25/25	1205	5			X	X	X	X	017
BOW-GWC-24R	WG	G					5			X	X	X	X	
BOW-GWC-25R	WG	G			2/25/25	1035	5			X	X	X	X	018
		G					5			X	X	X	X	
BOW-LF3-4-FD-	WG	G					5			X	X	X	X	
BOW-LF3-4-FD- 07	WG	G			2/25/25	—	5			X	X	X	X	019
BOW-LF3-4-FB-07	WQ	G			2/25/25	1530	5			X	X	X	X	020
BOW-LF3-4-EB- 07	WQ	G			2/25/25	1535	5			X	X	X	X	021

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

Sb, B, Ba, Be, Cd, Cr, Co, Cu, Pb, Li, Mo, Se, Ag, Tl, U, V, Zn, Ca, Cl, F, K, Mg, Mn, Na, SO4, TDS

Collected By: William Laaker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name / Signature

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp (°C): | Corrected Temp (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time: 2/28/25 1017	Received by/Company: (Signature)	Date/Time: 2/28/25 1017
Relinquished by/Company: (Signature)	Date/Time: 2/28/25 1540	Received by/Company: (Signature)	Date/Time: 2/28/25 1540
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 2 of 2

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ENV-FRM-CORC-0019_v02_110123

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

March 27, 2025

Kristen Jurinko
Southern Company
241 Ralph McGill Blvd
NE, Bin 10160
Atlanta, GA 30308

RE: Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory on February 28, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - West Columbia

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
704-977-0968
Project Manager

Enclosures

cc: Carole Lieu, Stantec
Laura Midkiff, Southern Co.
John Mocko, Stantec
Katie Ross, Stantec
Edgar Smith, Stantec
Andrew Stevens, Stantec

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Laboratory ID: 99030
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

Pace Analytical Services West Columbia

106 Vantage Point Drive, West Columbia, SC 29172
Alaska Dept. of Energy Conservation, Cert# 20-002
California ELAP, cert# 3049
DoD, DoD QSM V5.4, cert# I.2224
DOE, DoD/DOE QSM V5.4, cert# I.2224.01
Florida, Dept. of Health, cert# E87653-70
Georgia, Env. Protection Division, cert# E87653
Illinois, EPA NELAP, cert# 2000552024-9
Kansas, Dept. of Health and Environment, cert# E-10417
Kentucky, Dept. for Env. Protection, UST, cert# 103582
Kentucky, Dept. for Env. Protection, cert# 98037
Louisiana, Dept. of Environmental Quality, cert# 5125
North Carolina, DEQ, Water Resources, cert# 329
New Jersey, Dept. of Env. Protection, cert# NLC 240005
Oklahoma, Dept. of Env. Quality, cert# 2023-175
Oregon, ELAP, cert# 4181-006
Pennsylvania, Dept. of Env. Protection, cert# 003
South Carolina, Dept. of Env. Services, cert# 32010001
Texas, Commission on Env. Quality, cert# TX-C24-00083
Virginia, Dept. of General Services, cert# 13080
Wisconsin, Dept. of Natural Resources, cert# 399136100

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92782406001	**BOW-GWA-39RZ**	Water	02/26/25 13:38	02/28/25 15:40
92782406002	**BOW-GWC-44**	Water	02/26/25 10:25	02/28/25 15:40
92782406003	**BOW-GWC-45**	Water	02/26/25 13:48	02/28/25 15:40
92782406004	**BOW-GWC-45R**	Water	02/26/25 12:27	02/28/25 15:40
92782406005	**BOW-GWC-46R**	Water	02/26/25 11:19	02/28/25 15:40
92782406006	**BOW-GWC-47**	Water	02/26/25 13:40	02/28/25 15:40
92782406007	**BOW-GWC-47R**	Water	02/26/25 16:00	02/28/25 15:40
92782406008	**BOW-GWC-48**	Water	02/26/25 15:25	02/28/25 15:40
92782406009	**BOW-GWC-49R**	Water	02/26/25 11:10	02/28/25 15:40
92782406010	**BOW-GWC-49Z**	Water	02/26/25 13:05	02/28/25 15:40
92782406011	**BOW-LF9-10-FD-09**	Water	02/26/25 00:00	02/28/25 15:40
92782406012	**BOW-LF9-10-FD-08**	Water	02/26/25 00:00	02/28/25 15:40
92782406013	**BOW-LF9-10-FB-09**	Water	02/26/25 15:36	02/28/25 15:40
92782406014	**BOW-LF9-10-EB-09**	Water	02/26/25 15:49	02/28/25 15:40
92782406015	**BOW-GWA-39Z**	Water	02/25/25 15:58	02/28/25 15:40
92782406016	**BOW-GWA-40**	Water	02/25/25 15:12	02/28/25 15:40
92782406017	**BOW-GWA-41**	Water	02/25/25 12:47	02/28/25 15:40
92782406018	**BOW-GWA-41R**	Water	02/25/25 10:58	02/28/25 15:40
92782406019	**BOW-GWA-42**	Water	02/25/25 16:15	02/28/25 15:40
92782406020	**BOW-GWA-43**	Water	02/25/25 14:32	02/28/25 15:40
92782406021	**BOW-GWA-43R**	Water	02/25/25 13:33	02/28/25 15:40
92782406022	**BOW-LF9-10-FB-08**	Water	02/25/25 17:04	02/28/25 15:40
92782406023	**BOW-LF9-10-EB-08**	Water	02/25/25 17:20	02/28/25 15:40

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SAMPLE ANALYTE COUNT

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92782406001	**BOW-GWA-39RZ**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406002	**BOW-GWC-44**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406003	**BOW-GWC-45**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406004	**BOW-GWC-45R**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406005	**BOW-GWC-46R**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406006	**BOW-GWC-47**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406007	**BOW-GWC-47R**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406008	**BOW-GWC-48**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3

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SAMPLE ANALYTE COUNT

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406009	**BOW-GWC-49R**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406010	**BOW-GWC-49Z**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406011	**BOW-LF9-10-FD-09**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406012	**BOW-LF9-10-FD-08**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406013	**BOW-LF9-10-FB-09**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406014	**BOW-LF9-10-EB-09**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406015	**BOW-GWA-39Z**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3

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SAMPLE ANALYTE COUNT

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 6020B	BK1	22
92782406016	**BOW-GWA-40**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406017	**BOW-GWA-41**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406018	**BOW-GWA-41R**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406019	**BOW-GWA-42**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406020	**BOW-GWA-43**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406021	**BOW-GWA-43R**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406022	**BOW-LF9-10-FB-08**	EPA 7470A	MAB2	1
		SM 2320B-2011	SMS	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782406023	**BOW-LF9-10-EB-08**	EPA 7470A	MAB2	1

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SAMPLE ANALYTE COUNT

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		SM 2320B-2011	SMS	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22

PASI-A = Pace Analytical Services - Asheville
PASI-WC = Pace Analytical Services - West Columbia

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SUMMARY OF DETECTION

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92782406001	**BOW-GWA-39RZ**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	151	mg/L	5.0	03/06/25 17:41	
SM 2320B-2011	Alkalinity, Total as CaCO3	151	mg/L	5.0	03/06/25 17:41	
SM 2540C-2015	Total Dissolved Solids	156	mg/L	25.0	03/05/25 12:31	
EPA 300.0 Rev 2.1 1993	Chloride	1.2	mg/L	1.0	03/04/25 04:00	
EPA 300.0 Rev 2.1 1993	Fluoride	0.061J	mg/L	0.10	03/04/25 04:00	
EPA 300.0 Rev 2.1 1993	Sulfate	2.4	mg/L	1.0	03/04/25 04:00	
EPA 6020B	Antimony	0.0022J	mg/L	0.0030	03/22/25 05:05	
EPA 6020B	Barium	0.016	mg/L	0.0050	03/22/25 05:05	
EPA 6020B	Calcium	35.4	mg/L	10.0	03/25/25 13:35	
EPA 6020B	Iron	0.19	mg/L	0.040	03/22/25 05:05	
EPA 6020B	Magnesium	18.6	mg/L	0.050	03/22/25 05:05	
EPA 6020B	Manganese	0.048	mg/L	0.040	03/22/25 05:05	
EPA 6020B	Potassium	1.2	mg/L	0.50	03/22/25 05:05	
EPA 6020B	Sodium	1.3	mg/L	1.0	03/22/25 05:05	
92782406002	**BOW-GWC-44**					
SM 2540C-2015	Total Dissolved Solids	63.0	mg/L	25.0	03/05/25 12:31	
EPA 300.0 Rev 2.1 1993	Chloride	4.0	mg/L	1.0	03/04/25 04:15	
EPA 300.0 Rev 2.1 1993	Fluoride	0.059J	mg/L	0.10	03/04/25 04:15	
EPA 300.0 Rev 2.1 1993	Sulfate	16.1	mg/L	1.0	03/04/25 04:15	
EPA 6020B	Barium	0.030	mg/L	0.0050	03/22/25 05:14	
EPA 6020B	Boron	0.0098J	mg/L	0.040	03/22/25 05:14	
EPA 6020B	Calcium	7.3	mg/L	1.0	03/22/25 05:14	
EPA 6020B	Cobalt	0.0019J	mg/L	0.0050	03/22/25 05:14	
EPA 6020B	Lead	0.00043J	mg/L	0.0010	03/22/25 05:14	
EPA 6020B	Magnesium	1.6	mg/L	0.050	03/22/25 05:14	
EPA 6020B	Manganese	0.055	mg/L	0.040	03/22/25 05:14	
EPA 6020B	Potassium	1.1	mg/L	0.50	03/22/25 05:14	
EPA 6020B	Selenium	0.0026J	mg/L	0.0050	03/22/25 05:14	
EPA 6020B	Sodium	2.4	mg/L	1.0	03/22/25 05:14	
EPA 6020B	Zinc	0.0040J	mg/L	0.020	03/22/25 05:14	
92782406003	**BOW-GWC-45**					
EPA 300.0 Rev 2.1 1993	Chloride	0.65J	mg/L	1.0	03/04/25 04:59	
EPA 6020B	Barium	0.0069	mg/L	0.0050	03/22/25 05:23	
EPA 6020B	Calcium	1.0	mg/L	1.0	03/22/25 05:23	
EPA 6020B	Cobalt	0.0015J	mg/L	0.0050	03/22/25 05:23	
EPA 6020B	Magnesium	0.66	mg/L	0.050	03/22/25 05:23	
EPA 6020B	Manganese	0.033J	mg/L	0.040	03/22/25 05:23	
EPA 6020B	Nickel	0.0013J	mg/L	0.0050	03/22/25 05:23	
EPA 6020B	Potassium	0.30J	mg/L	0.50	03/22/25 05:23	
EPA 6020B	Sodium	1.7	mg/L	1.0	03/22/25 05:23	
92782406004	**BOW-GWC-45R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	177	mg/L	5.0	03/06/25 18:06	
SM 2320B-2011	Alkalinity, Total as CaCO3	177	mg/L	5.0	03/06/25 18:06	
SM 2540C-2015	Total Dissolved Solids	185	mg/L	25.0	03/05/25 12:31	
EPA 300.0 Rev 2.1 1993	Chloride	2.9	mg/L	1.0	03/04/25 05:14	
EPA 300.0 Rev 2.1 1993	Fluoride	0.055J	mg/L	0.10	03/04/25 05:14	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92782406004	**BOW-GWC-45R**					
EPA 300.0 Rev 2.1 1993	Sulfate	3.3	mg/L	1.0	03/04/25 05:14	
EPA 6020B	Barium	0.020	mg/L	0.0050	03/22/25 05:33	
EPA 6020B	Boron	0.0069J	mg/L	0.040	03/22/25 05:33	
EPA 6020B	Calcium	40.3	mg/L	10.0	03/25/25 14:03	
EPA 6020B	Magnesium	22.2	mg/L	0.050	03/22/25 05:33	
EPA 6020B	Potassium	0.82	mg/L	0.50	03/22/25 05:33	
EPA 6020B	Sodium	2.0	mg/L	1.0	03/22/25 05:33	
92782406005	**BOW-GWC-46R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	210	mg/L	5.0	03/06/25 18:17	
SM 2320B-2011	Alkalinity, Total as CaCO3	210	mg/L	5.0	03/06/25 18:17	
SM 2540C-2015	Total Dissolved Solids	202	mg/L	25.0	03/05/25 12:20	
EPA 300.0 Rev 2.1 1993	Chloride	3.4	mg/L	1.0	03/04/25 05:29	
EPA 300.0 Rev 2.1 1993	Fluoride	0.053J	mg/L	0.10	03/04/25 05:29	
EPA 300.0 Rev 2.1 1993	Sulfate	3.2	mg/L	1.0	03/04/25 05:29	
EPA 6020B	Barium	0.012	mg/L	0.0050	03/22/25 05:42	
EPA 6020B	Calcium	44.6	mg/L	10.0	03/25/25 11:55	M1
EPA 6020B	Chromium	0.0039J	mg/L	0.0050	03/22/25 05:42	
EPA 6020B	Magnesium	22.9	mg/L	0.050	03/22/25 05:42	M1
EPA 6020B	Potassium	2.5	mg/L	0.50	03/22/25 05:42	
EPA 6020B	Sodium	6.2	mg/L	1.0	03/22/25 05:42	M1
92782406006	**BOW-GWC-47**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	121	mg/L	5.0	03/06/25 18:25	
SM 2320B-2011	Alkalinity, Total as CaCO3	121	mg/L	5.0	03/06/25 18:25	
SM 2540C-2015	Total Dissolved Solids	129	mg/L	25.0	03/05/25 12:20	
EPA 300.0 Rev 2.1 1993	Chloride	1.9	mg/L	1.0	03/04/25 05:43	
EPA 300.0 Rev 2.1 1993	Fluoride	0.073J	mg/L	0.10	03/04/25 05:43	
EPA 300.0 Rev 2.1 1993	Sulfate	7.0	mg/L	1.0	03/04/25 05:43	
EPA 6020B	Barium	0.0090	mg/L	0.0050	03/22/25 06:45	
EPA 6020B	Cadmium	0.00017J	mg/L	0.00050	03/22/25 06:45	
EPA 6020B	Calcium	28.6	mg/L	10.0	03/25/25 13:45	
EPA 6020B	Chromium	0.0021J	mg/L	0.0050	03/22/25 06:45	
EPA 6020B	Iron	0.030J	mg/L	0.040	03/22/25 06:45	
EPA 6020B	Magnesium	14.6	mg/L	0.050	03/22/25 06:45	
EPA 6020B	Potassium	0.90	mg/L	0.50	03/22/25 06:45	
EPA 6020B	Sodium	2.8	mg/L	1.0	03/22/25 06:45	
EPA 6020B	Zinc	0.050	mg/L	0.020	03/22/25 06:45	
92782406007	**BOW-GWC-47R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	140	mg/L	5.0	03/06/25 18:33	
SM 2320B-2011	Alkalinity, Total as CaCO3	140	mg/L	5.0	03/06/25 18:33	
SM 2540C-2015	Total Dissolved Solids	153	mg/L	25.0	03/05/25 12:20	
EPA 300.0 Rev 2.1 1993	Chloride	1.9	mg/L	1.0	03/04/25 06:28	
EPA 300.0 Rev 2.1 1993	Fluoride	0.063J	mg/L	0.10	03/04/25 06:28	
EPA 300.0 Rev 2.1 1993	Sulfate	9.6	mg/L	1.0	03/04/25 06:28	
EPA 6020B	Barium	0.0084	mg/L	0.0050	03/22/25 06:54	
EPA 6020B	Calcium	36.7	mg/L	10.0	03/25/25 13:54	
EPA 6020B	Chromium	0.0040J	mg/L	0.0050	03/22/25 06:54	

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SUMMARY OF DETECTION

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92782406007	**BOW-GWC-47R**					
EPA 6020B	Magnesium	17.7	mg/L	0.050	03/22/25 06:54	
EPA 6020B	Potassium	1.6	mg/L	0.50	03/22/25 06:54	
EPA 6020B	Sodium	2.9	mg/L	1.0	03/22/25 06:54	
EPA 6020B	Zinc	0.018J	mg/L	0.020	03/22/25 06:54	
92782406008	**BOW-GWC-48**					
EPA 7470A	Mercury	0.00062	mg/L	0.00020	03/05/25 12:04	
SM 2540C-2015	Total Dissolved Solids	44.0	mg/L	25.0	03/05/25 12:22	
EPA 300.0 Rev 2.1 1993	Chloride	5.5	mg/L	1.0	03/04/25 06:43	
EPA 300.0 Rev 2.1 1993	Fluoride	0.085J	mg/L	0.10	03/04/25 06:43	
EPA 300.0 Rev 2.1 1993	Sulfate	14.8	mg/L	1.0	03/04/25 06:43	
EPA 6020B	Arsenic	0.0013J	mg/L	0.0050	03/22/25 07:03	
EPA 6020B	Barium	0.055	mg/L	0.0050	03/22/25 07:03	
EPA 6020B	Beryllium	0.00044J	mg/L	0.00050	03/22/25 07:03	
EPA 6020B	Cadmium	0.00030J	mg/L	0.00050	03/22/25 07:03	
EPA 6020B	Calcium	5.7	mg/L	1.0	03/22/25 07:03	
EPA 6020B	Chromium	0.0013J	mg/L	0.0050	03/22/25 07:03	
EPA 6020B	Cobalt	0.0035J	mg/L	0.0050	03/22/25 07:03	
EPA 6020B	Magnesium	3.4	mg/L	0.050	03/22/25 07:03	
EPA 6020B	Manganese	0.38J	mg/L	0.40	03/25/25 12:59	D4
EPA 6020B	Nickel	0.0097	mg/L	0.0050	03/22/25 07:03	
EPA 6020B	Potassium	0.40J	mg/L	0.50	03/22/25 07:03	
EPA 6020B	Selenium	0.0069	mg/L	0.0050	03/22/25 07:03	
EPA 6020B	Sodium	2.9	mg/L	1.0	03/22/25 07:03	
EPA 6020B	Zinc	0.016J	mg/L	0.020	03/22/25 07:03	
92782406009	**BOW-GWC-49R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	120	mg/L	5.0	03/06/25 18:47	
SM 2320B-2011	Alkalinity, Total as CaCO3	120	mg/L	5.0	03/06/25 18:47	
SM 2540C-2015	Total Dissolved Solids	119	mg/L	25.0	03/05/25 12:22	
EPA 300.0 Rev 2.1 1993	Chloride	0.88J	mg/L	1.0	03/04/25 06:58	
EPA 300.0 Rev 2.1 1993	Fluoride	0.050J	mg/L	0.10	03/04/25 06:58	
EPA 300.0 Rev 2.1 1993	Sulfate	1.4	mg/L	1.0	03/04/25 06:58	
EPA 6020B	Antimony	0.00083J	mg/L	0.0030	03/22/25 07:12	
EPA 6020B	Barium	0.011	mg/L	0.0050	03/22/25 07:12	
EPA 6020B	Calcium	26.9	mg/L	1.0	03/22/25 07:12	
EPA 6020B	Magnesium	15.0	mg/L	0.050	03/22/25 07:12	
EPA 6020B	Potassium	0.84	mg/L	0.50	03/22/25 07:12	
EPA 6020B	Sodium	1.7	mg/L	1.0	03/22/25 07:12	
92782406010	**BOW-GWC-49Z**					
EPA 300.0 Rev 2.1 1993	Chloride	0.85J	mg/L	1.0	03/04/25 07:13	
EPA 300.0 Rev 2.1 1993	Sulfate	0.51J	mg/L	1.0	03/04/25 07:13	
EPA 6020B	Antimony	0.0011J	mg/L	0.0030	03/22/25 07:21	
EPA 6020B	Barium	0.0045J	mg/L	0.0050	03/22/25 07:21	
EPA 6020B	Calcium	0.70J	mg/L	1.0	03/22/25 07:21	
EPA 6020B	Cobalt	0.0014J	mg/L	0.0050	03/22/25 07:21	
EPA 6020B	Iron	0.039J	mg/L	0.040	03/22/25 07:21	
EPA 6020B	Magnesium	0.33	mg/L	0.050	03/22/25 07:21	

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SUMMARY OF DETECTION

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92782406010	**BOW-GWC-49Z**					
EPA 6020B	Manganese	0.082	mg/L	0.040	03/22/25 07:21	
EPA 6020B	Nickel	0.0022J	mg/L	0.0050	03/22/25 07:21	
EPA 6020B	Potassium	0.49J	mg/L	0.50	03/22/25 07:21	
EPA 6020B	Sodium	2.3	mg/L	1.0	03/22/25 07:21	
92782406011	**BOW-LF9-10-FD-09**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	120	mg/L	5.0	03/06/25 18:59	
SM 2320B-2011	Alkalinity, Total as CaCO3	120	mg/L	5.0	03/06/25 18:59	
SM 2540C-2015	Total Dissolved Solids	112	mg/L	25.0	03/05/25 12:22	
EPA 300.0 Rev 2.1 1993	Chloride	0.89J	mg/L	1.0	03/04/25 07:27	
EPA 300.0 Rev 2.1 1993	Fluoride	0.050J	mg/L	0.10	03/04/25 07:27	
EPA 300.0 Rev 2.1 1993	Sulfate	1.4	mg/L	1.0	03/04/25 07:27	
EPA 6020B	Antimony	0.00077J	mg/L	0.0030	03/22/25 07:31	
EPA 6020B	Barium	0.011	mg/L	0.0050	03/22/25 07:31	
EPA 6020B	Calcium	26.9	mg/L	1.0	03/22/25 07:31	
EPA 6020B	Iron	0.013J	mg/L	0.040	03/22/25 07:31	
EPA 6020B	Magnesium	14.3	mg/L	0.050	03/22/25 07:31	
EPA 6020B	Potassium	0.80	mg/L	0.50	03/22/25 07:31	
EPA 6020B	Sodium	1.6	mg/L	1.0	03/22/25 07:31	
92782406012	**BOW-LF9-10-FD-08**					
SM 2540C-2015	Total Dissolved Solids	42.0	mg/L	25.0	03/05/25 12:22	
EPA 300.0 Rev 2.1 1993	Chloride	4.1	mg/L	1.0	03/04/25 07:42	
EPA 300.0 Rev 2.1 1993	Fluoride	0.058J	mg/L	0.10	03/04/25 07:42	
EPA 300.0 Rev 2.1 1993	Sulfate	16.1	mg/L	1.0	03/04/25 07:42	
EPA 6020B	Barium	0.031	mg/L	0.0050	03/22/25 07:40	
EPA 6020B	Boron	0.0093J	mg/L	0.040	03/22/25 07:40	
EPA 6020B	Calcium	7.2	mg/L	1.0	03/22/25 07:40	
EPA 6020B	Cobalt	0.0020J	mg/L	0.0050	03/22/25 07:40	
EPA 6020B	Lead	0.00044J	mg/L	0.0010	03/22/25 07:40	
EPA 6020B	Magnesium	1.7	mg/L	0.050	03/22/25 07:40	
EPA 6020B	Manganese	0.056	mg/L	0.040	03/22/25 07:40	
EPA 6020B	Potassium	1.1	mg/L	0.50	03/22/25 07:40	
EPA 6020B	Selenium	0.0023J	mg/L	0.0050	03/22/25 07:40	
EPA 6020B	Sodium	2.4	mg/L	1.0	03/22/25 07:40	
EPA 6020B	Zinc	0.0039J	mg/L	0.020	03/22/25 07:40	
92782406015	**BOW-GWA-39Z**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	82.2	mg/L	5.0	03/05/25 19:08	
SM 2320B-2011	Alkalinity, Total as CaCO3	82.2	mg/L	5.0	03/05/25 19:08	
SM 2540C-2015	Total Dissolved Solids	91.0	mg/L	25.0	03/04/25 16:29	
EPA 300.0 Rev 2.1 1993	Chloride	0.96J	mg/L	1.0	03/04/25 08:27	
EPA 300.0 Rev 2.1 1993	Fluoride	0.076J	mg/L	0.10	03/04/25 08:27	
EPA 300.0 Rev 2.1 1993	Sulfate	1.2	mg/L	1.0	03/04/25 08:27	
EPA 6020B	Barium	0.019	mg/L	0.0050	03/22/25 08:25	
EPA 6020B	Calcium	17.4	mg/L	1.0	03/22/25 08:25	
EPA 6020B	Magnesium	9.8	mg/L	0.050	03/22/25 08:25	
EPA 6020B	Manganese	0.0033J	mg/L	0.040	03/22/25 08:25	
EPA 6020B	Potassium	1.4	mg/L	0.50	03/22/25 08:25	

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SUMMARY OF DETECTION

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92782406015	**BOW-GWA-39Z**					
EPA 6020B	Sodium	1.5	mg/L	1.0	03/22/25 08:25	
92782406016	**BOW-GWA-40**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	121	mg/L	5.0	03/05/25 19:15	
SM 2320B-2011	Alkalinity, Total as CaCO3	121	mg/L	5.0	03/05/25 19:15	
SM 2540C-2015	Total Dissolved Solids	119	mg/L	25.0	03/04/25 16:29	
EPA 300.0 Rev 2.1 1993	Chloride	0.99J	mg/L	1.0	03/04/25 08:42	
EPA 300.0 Rev 2.1 1993	Fluoride	0.066J	mg/L	0.10	03/04/25 08:42	
EPA 300.0 Rev 2.1 1993	Sulfate	0.71J	mg/L	1.0	03/04/25 08:42	
EPA 6020B	Barium	0.0083	mg/L	0.0050	03/22/25 08:34	
EPA 6020B	Calcium	26.3	mg/L	1.0	03/22/25 08:34	
EPA 6020B	Magnesium	14.2	mg/L	0.050	03/22/25 08:34	
EPA 6020B	Potassium	1.0	mg/L	0.50	03/22/25 08:34	
EPA 6020B	Sodium	1.0	mg/L	1.0	03/22/25 08:34	
92782406017	**BOW-GWA-41**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	139	mg/L	5.0	03/05/25 19:23	
SM 2320B-2011	Alkalinity, Total as CaCO3	139	mg/L	5.0	03/05/25 19:23	
SM 2540C-2015	Total Dissolved Solids	142	mg/L	25.0	03/04/25 16:29	
EPA 300.0 Rev 2.1 1993	Chloride	0.99J	mg/L	1.0	03/04/25 09:26	
EPA 300.0 Rev 2.1 1993	Fluoride	0.052J	mg/L	0.10	03/04/25 09:26	
EPA 300.0 Rev 2.1 1993	Sulfate	5.0	mg/L	1.0	03/04/25 09:26	
EPA 6020B	Barium	0.019	mg/L	0.0050	03/22/25 08:43	
EPA 6020B	Boron	0.0094J	mg/L	0.040	03/22/25 08:43	
EPA 6020B	Calcium	31.7	mg/L	10.0	03/25/25 13:08	
EPA 6020B	Iron	0.041	mg/L	0.040	03/22/25 08:43	
EPA 6020B	Magnesium	17.6	mg/L	0.050	03/22/25 08:43	
EPA 6020B	Manganese	0.0057J	mg/L	0.040	03/22/25 08:43	
EPA 6020B	Potassium	1.4	mg/L	0.50	03/22/25 08:43	
EPA 6020B	Sodium	0.68J	mg/L	1.0	03/22/25 08:43	
92782406018	**BOW-GWA-41R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	157	mg/L	5.0	03/05/25 19:41	
SM 2320B-2011	Alkalinity, Total as CaCO3	157	mg/L	5.0	03/05/25 19:41	
SM 2540C-2015	Total Dissolved Solids	161	mg/L	25.0	03/04/25 16:29	
EPA 300.0 Rev 2.1 1993	Chloride	0.95J	mg/L	1.0	03/04/25 09:41	
EPA 300.0 Rev 2.1 1993	Fluoride	0.050J	mg/L	0.10	03/04/25 09:41	
EPA 300.0 Rev 2.1 1993	Sulfate	5.8	mg/L	1.0	03/04/25 09:41	
EPA 6020B	Antimony	0.0089	mg/L	0.0030	03/22/25 08:52	
EPA 6020B	Barium	0.037	mg/L	0.0050	03/22/25 08:52	
EPA 6020B	Boron	0.017J	mg/L	0.040	03/22/25 08:52	
EPA 6020B	Calcium	34.0	mg/L	10.0	03/25/25 13:17	
EPA 6020B	Copper	0.0035J	mg/L	0.0050	03/22/25 08:52	
EPA 6020B	Iron	0.47	mg/L	0.040	03/22/25 08:52	
EPA 6020B	Magnesium	16.5	mg/L	0.050	03/22/25 08:52	
EPA 6020B	Manganese	0.42	mg/L	0.40	03/25/25 13:17	
EPA 6020B	Nickel	0.0016J	mg/L	0.0050	03/22/25 08:52	
EPA 6020B	Potassium	2.9	mg/L	0.50	03/22/25 08:52	
EPA 6020B	Sodium	0.75J	mg/L	1.0	03/22/25 08:52	

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SUMMARY OF DETECTION

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92782406018	**BOW-GWA-41R**					
EPA 6020B	Zinc	0.0032J	mg/L	0.020	03/22/25 08:52	
92782406019	**BOW-GWA-42**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	157	mg/L	5.0	03/05/25 19:48	
SM 2320B-2011	Alkalinity, Total as CaCO3	157	mg/L	5.0	03/05/25 19:48	
SM 2540C-2015	Total Dissolved Solids	155	mg/L	25.0	03/04/25 16:30	
EPA 300.0 Rev 2.1 1993	Chloride	2.3	mg/L	1.0	03/04/25 09:56	
EPA 300.0 Rev 2.1 1993	Fluoride	0.060J	mg/L	0.10	03/04/25 09:56	
EPA 300.0 Rev 2.1 1993	Sulfate	1.2	mg/L	1.0	03/04/25 09:56	
EPA 6020B	Barium	0.0071	mg/L	0.0050	03/22/25 09:01	
EPA 6020B	Cadmium	0.00016J	mg/L	0.00050	03/22/25 09:01	
EPA 6020B	Calcium	38.9	mg/L	10.0	03/25/25 13:26	
EPA 6020B	Magnesium	16.2	mg/L	0.050	03/22/25 09:01	
EPA 6020B	Nickel	0.0015J	mg/L	0.0050	03/22/25 09:01	
EPA 6020B	Potassium	0.36J	mg/L	0.50	03/22/25 09:01	
EPA 6020B	Sodium	2.0	mg/L	1.0	03/22/25 09:01	
EPA 6020B	Zinc	0.010J	mg/L	0.020	03/22/25 09:01	
92782406020	**BOW-GWA-43**					
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	03/04/25 10:11	
EPA 6020B	Barium	0.010	mg/L	0.0050	03/22/25 09:10	
EPA 6020B	Calcium	1.6	mg/L	1.0	03/22/25 09:10	
EPA 6020B	Iron	0.069	mg/L	0.040	03/22/25 09:10	
EPA 6020B	Magnesium	0.42	mg/L	0.050	03/22/25 09:10	
EPA 6020B	Manganese	0.021J	mg/L	0.040	03/22/25 09:10	
EPA 6020B	Potassium	0.32J	mg/L	0.50	03/22/25 09:10	
EPA 6020B	Sodium	1.1	mg/L	1.0	03/22/25 09:10	
92782406021	**BOW-GWA-43R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	141	mg/L	5.0	03/05/25 20:50	
SM 2320B-2011	Alkalinity, Total as CaCO3	141	mg/L	5.0	03/05/25 20:50	
SM 2540C-2015	Total Dissolved Solids	140	mg/L	25.0	03/04/25 16:30	
EPA 300.0 Rev 2.1 1993	Chloride	1.5	mg/L	1.0	03/04/25 10:25	
EPA 300.0 Rev 2.1 1993	Sulfate	2.1	mg/L	1.0	03/04/25 10:25	
EPA 6020B	Barium	0.0074	mg/L	0.0050	03/22/25 01:37	
EPA 6020B	Boron	0.011J	mg/L	0.040	03/22/25 01:37	
EPA 6020B	Calcium	23.2	mg/L	10.0	03/24/25 16:40	
EPA 6020B	Iron	0.18	mg/L	0.040	03/22/25 01:37	B
EPA 6020B	Magnesium	17.6	mg/L	0.050	03/22/25 01:37	
EPA 6020B	Manganese	0.014J	mg/L	0.040	03/22/25 01:37	
EPA 6020B	Potassium	0.52	mg/L	0.50	03/22/25 01:37	
EPA 6020B	Sodium	1.0	mg/L	1.0	03/22/25 01:37	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-GWA-39RZ **Lab ID: 92782406001** Collected: 02/26/25 13:38 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 11:49	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**151**	mg/L	5.0	5.0	1		03/06/25 17:41		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 17:41		
Alkalinity, Total as CaCO3	**151**	mg/L	5.0	5.0	1		03/06/25 17:41		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**156**	mg/L	25.0	25.0	1		03/05/25 12:31		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.2**	mg/L	1.0	0.60	1		03/04/25 04:00	16887-00-6	
Fluoride	**0.061J**	mg/L	0.10	0.050	1		03/04/25 04:00	16984-48-8	
Sulfate	**2.4**	mg/L	1.0	0.50	1		03/04/25 04:00	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.0022J**	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 05:05	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:05	7440-38-2	
Barium	**0.016**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:05	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 05:05	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 05:05	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 05:05	7440-43-9	
Calcium	**35.4**	mg/L	10.0	1.0	10	03/19/25 07:04	03/25/25 13:35	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:05	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:05	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:05	7440-50-8	
Iron	**0.19**	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 05:05	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 05:05	7439-92-1	
Magnesium	**18.6**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 05:05	7439-95-4	
Manganese	**0.048**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 05:05	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:05	7440-02-0	
Potassium	**1.2**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 05:05	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:05	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 05:05	7440-22-4	
Sodium	**1.3**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 05:05	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 05:05	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 05:05	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 05:05	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-GWC-44 **Lab ID: 92782406002** Collected: 02/26/25 10:25 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 11:51	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 17:59		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 17:59		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/06/25 17:59		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**63.0**	mg/L	25.0	25.0	1		03/05/25 12:31		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**4.0**	mg/L	1.0	0.60	1		03/04/25 04:15	16887-00-6	
Fluoride	**0.059J**	mg/L	0.10	0.050	1		03/04/25 04:15	16984-48-8	
Sulfate	**16.1**	mg/L	1.0	0.50	1		03/04/25 04:15	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 05:14	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:14	7440-38-2	
Barium	**0.030**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:14	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 05:14	7440-41-7	
Boron	**0.0098J**	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 05:14	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 05:14	7440-43-9	
Calcium	**7.3**	mg/L	1.0	0.10	1	03/19/25 07:04	03/22/25 05:14	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:14	7440-47-3	
Cobalt	**0.0019J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:14	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:14	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 05:14	7439-89-6	
Lead	**0.00043J**	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 05:14	7439-92-1	
Magnesium	**1.6**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 05:14	7439-95-4	
Manganese	**0.055**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 05:14	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:14	7440-02-0	
Potassium	**1.1**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 05:14	7440-09-7	
Selenium	**0.0026J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:14	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 05:14	7440-22-4	
Sodium	**2.4**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 05:14	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 05:14	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 05:14	7440-62-2	
Zinc	**0.0040J**	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 05:14	7440-66-6	

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(704)875-9092

ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-GWC-45 **Lab ID: 92782406003** Collected: 02/26/25 13:48 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 11:53	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 18:02		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 18:02		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/06/25 18:02		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/05/25 12:31		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.65J**	mg/L	1.0	0.60	1		03/04/25 04:59	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/04/25 04:59	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/04/25 04:59	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 05:23	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:23	7440-38-2	
Barium	**0.0069**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:23	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 05:23	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 05:23	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 05:23	7440-43-9	
Calcium	**1.0**	mg/L	1.0	0.10	1	03/19/25 07:04	03/22/25 05:23	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:23	7440-47-3	
Cobalt	**0.0015J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:23	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:23	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 05:23	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 05:23	7439-92-1	
Magnesium	**0.66**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 05:23	7439-95-4	
Manganese	**0.033J**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 05:23	7439-96-5	
Nickel	**0.0013J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:23	7440-02-0	
Potassium	**0.30J**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 05:23	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:23	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 05:23	7440-22-4	
Sodium	**1.7**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 05:23	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 05:23	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 05:23	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 05:23	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-GWC-45R **Lab ID: 92782406004** Collected: 02/26/25 12:27 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 11:55	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**177**	mg/L	5.0	5.0	1		03/06/25 18:06		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 18:06		
Alkalinity, Total as CaCO3	**177**	mg/L	5.0	5.0	1		03/06/25 18:06		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**185**	mg/L	25.0	25.0	1		03/05/25 12:31		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.9**	mg/L	1.0	0.60	1		03/04/25 05:14	16887-00-6	
Fluoride	**0.055J**	mg/L	0.10	0.050	1		03/04/25 05:14	16984-48-8	
Sulfate	**3.3**	mg/L	1.0	0.50	1		03/04/25 05:14	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 05:33	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:33	7440-38-2	
Barium	**0.020**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:33	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 05:33	7440-41-7	
Boron	**0.0069J**	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 05:33	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 05:33	7440-43-9	
Calcium	**40.3**	mg/L	10.0	1.0	10	03/19/25 07:04	03/25/25 14:03	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:33	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:33	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:33	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 05:33	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 05:33	7439-92-1	
Magnesium	**22.2**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 05:33	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 05:33	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:33	7440-02-0	
Potassium	**0.82**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 05:33	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:33	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 05:33	7440-22-4	
Sodium	**2.0**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 05:33	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 05:33	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 05:33	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 05:33	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-GWC-46R **Lab ID: 92782406005** Collected: 02/26/25 11:19 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 11:57	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**210**	mg/L	5.0	5.0	1		03/06/25 18:17		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 18:17		
Alkalinity, Total as CaCO3	**210**	mg/L	5.0	5.0	1		03/06/25 18:17		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**202**	mg/L	25.0	25.0	1		03/05/25 12:20		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.4**	mg/L	1.0	0.60	1		03/04/25 05:29	16887-00-6	
Fluoride	**0.053J**	mg/L	0.10	0.050	1		03/04/25 05:29	16984-48-8	
Sulfate	**3.2**	mg/L	1.0	0.50	1		03/04/25 05:29	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 05:42	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:42	7440-38-2	
Barium	**0.012**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:42	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 05:42	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 05:42	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 05:42	7440-43-9	
Calcium	**44.6**	mg/L	10.0	1.0	10	03/19/25 07:04	03/25/25 11:55	7440-70-2	M1
Chromium	**0.0039J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:42	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:42	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:42	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 05:42	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 05:42	7439-92-1	
Magnesium	**22.9**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 05:42	7439-95-4	M1
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 05:42	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:42	7440-02-0	
Potassium	**2.5**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 05:42	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 05:42	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 05:42	7440-22-4	
Sodium	**6.2**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 05:42	7440-23-5	M1
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 05:42	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 05:42	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 05:42	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-GWC-47 **Lab ID: 92782406006** Collected: 02/26/25 13:40 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 12:00	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**121**	mg/L	5.0	5.0	1		03/06/25 18:25		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 18:25		
Alkalinity, Total as CaCO3	**121**	mg/L	5.0	5.0	1		03/06/25 18:25		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**129**	mg/L	25.0	25.0	1		03/05/25 12:20		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.9**	mg/L	1.0	0.60	1		03/04/25 05:43	16887-00-6	
Fluoride	**0.073J**	mg/L	0.10	0.050	1		03/04/25 05:43	16984-48-8	
Sulfate	**7.0**	mg/L	1.0	0.50	1		03/04/25 05:43	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 06:45	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 06:45	7440-38-2	
Barium	**0.0090**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 06:45	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 06:45	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 06:45	7440-42-8	
Cadmium	**0.00017J**	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 06:45	7440-43-9	
Calcium	**28.6**	mg/L	10.0	1.0	10	03/19/25 07:04	03/25/25 13:45	7440-70-2	
Chromium	**0.0021J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 06:45	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 06:45	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 06:45	7440-50-8	
Iron	**0.030J**	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 06:45	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 06:45	7439-92-1	
Magnesium	**14.6**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 06:45	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 06:45	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 06:45	7440-02-0	
Potassium	**0.90**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 06:45	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 06:45	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 06:45	7440-22-4	
Sodium	**2.8**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 06:45	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 06:45	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 06:45	7440-62-2	
Zinc	**0.050**	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 06:45	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-GWC-47R **Lab ID: 92782406007** Collected: 02/26/25 16:00 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 12:02	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**140**	mg/L	5.0	5.0	1		03/06/25 18:33		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 18:33		
Alkalinity, Total as CaCO3	**140**	mg/L	5.0	5.0	1		03/06/25 18:33		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**153**	mg/L	25.0	25.0	1		03/05/25 12:20		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.9**	mg/L	1.0	0.60	1		03/04/25 06:28	16887-00-6	
Fluoride	**0.063J**	mg/L	0.10	0.050	1		03/04/25 06:28	16984-48-8	
Sulfate	**9.6**	mg/L	1.0	0.50	1		03/04/25 06:28	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 06:54	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 06:54	7440-38-2	
Barium	**0.0084**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 06:54	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 06:54	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 06:54	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 06:54	7440-43-9	
Calcium	**36.7**	mg/L	10.0	1.0	10	03/19/25 07:04	03/25/25 13:54	7440-70-2	
Chromium	**0.0040J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 06:54	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 06:54	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 06:54	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 06:54	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 06:54	7439-92-1	
Magnesium	**17.7**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 06:54	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 06:54	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 06:54	7440-02-0	
Potassium	**1.6**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 06:54	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 06:54	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 06:54	7440-22-4	
Sodium	**2.9**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 06:54	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 06:54	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 06:54	7440-62-2	
Zinc	**0.018J**	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 06:54	7440-66-6	

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(704)875-9092

ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-GWC-48 **Lab ID: 92782406008** Collected: 02/26/25 15:25 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	**0.00062**	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 12:04	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 18:43		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 18:43		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/06/25 18:43		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**44.0**	mg/L	25.0	25.0	1		03/05/25 12:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**5.5**	mg/L	1.0	0.60	1		03/04/25 06:43	16887-00-6	
Fluoride	**0.085J**	mg/L	0.10	0.050	1		03/04/25 06:43	16984-48-8	
Sulfate	**14.8**	mg/L	1.0	0.50	1		03/04/25 06:43	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 07:03	7440-36-0	
Arsenic	**0.0013J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:03	7440-38-2	
Barium	**0.055**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:03	7440-39-3	
Beryllium	**0.00044J**	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 07:03	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 07:03	7440-42-8	
Cadmium	**0.00030J**	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 07:03	7440-43-9	
Calcium	**5.7**	mg/L	1.0	0.10	1	03/19/25 07:04	03/22/25 07:03	7440-70-2	
Chromium	**0.0013J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:03	7440-47-3	
Cobalt	**0.0035J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:03	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:03	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 07:03	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 07:03	7439-92-1	
Magnesium	**3.4**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 07:03	7439-95-4	
Manganese	**0.38J**	mg/L	0.40	0.012	10	03/19/25 07:04	03/25/25 12:59	7439-96-5	D4
Nickel	**0.0097**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:03	7440-02-0	
Potassium	**0.40J**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 07:03	7440-09-7	
Selenium	**0.0069**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:03	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 07:03	7440-22-4	
Sodium	**2.9**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 07:03	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 07:03	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 07:03	7440-62-2	
Zinc	**0.016J**	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 07:03	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-GWC-49R **Lab ID: 92782406009** Collected: 02/26/25 11:10 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 12:10	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**120**	mg/L	5.0	5.0	1		03/06/25 18:47		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 18:47		
Alkalinity, Total as CaCO3	**120**	mg/L	5.0	5.0	1		03/06/25 18:47		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**119**	mg/L	25.0	25.0	1		03/05/25 12:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.88J**	mg/L	1.0	0.60	1		03/04/25 06:58	16887-00-6	
Fluoride	**0.050J**	mg/L	0.10	0.050	1		03/04/25 06:58	16984-48-8	
Sulfate	**1.4**	mg/L	1.0	0.50	1		03/04/25 06:58	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.00083J**	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 07:12	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:12	7440-38-2	
Barium	**0.011**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:12	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 07:12	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 07:12	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 07:12	7440-43-9	
Calcium	**26.9**	mg/L	1.0	0.10	1	03/19/25 07:04	03/22/25 07:12	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:12	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:12	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:12	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 07:12	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 07:12	7439-92-1	
Magnesium	**15.0**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 07:12	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 07:12	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:12	7440-02-0	
Potassium	**0.84**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 07:12	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:12	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 07:12	7440-22-4	
Sodium	**1.7**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 07:12	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 07:12	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 07:12	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 07:12	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-GWC-49Z **Lab ID: 92782406010** Collected: 02/26/25 13:05 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 12:12	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 18:55		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 18:55		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/06/25 18:55		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/05/25 12:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.85J**	mg/L	1.0	0.60	1		03/04/25 07:13	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/04/25 07:13	16984-48-8	
Sulfate	**0.51J**	mg/L	1.0	0.50	1		03/04/25 07:13	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.0011J**	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 07:21	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:21	7440-38-2	
Barium	**0.0045J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:21	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 07:21	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 07:21	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 07:21	7440-43-9	
Calcium	**0.70J**	mg/L	1.0	0.10	1	03/19/25 07:04	03/22/25 07:21	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:21	7440-47-3	
Cobalt	**0.0014J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:21	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:21	7440-50-8	
Iron	**0.039J**	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 07:21	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 07:21	7439-92-1	
Magnesium	**0.33**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 07:21	7439-95-4	
Manganese	**0.082**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 07:21	7439-96-5	
Nickel	**0.0022J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:21	7440-02-0	
Potassium	**0.49J**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 07:21	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:21	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 07:21	7440-22-4	
Sodium	**2.3**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 07:21	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 07:21	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 07:21	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 07:21	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-LF9-10-FD-09 **Lab ID: 92782406011** Collected: 02/26/25 00:00 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 12:14	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**120**	mg/L	5.0	5.0	1		03/06/25 18:59		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 18:59		
Alkalinity, Total as CaCO3	**120**	mg/L	5.0	5.0	1		03/06/25 18:59		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**112**	mg/L	25.0	25.0	1		03/05/25 12:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.89J**	mg/L	1.0	0.60	1		03/04/25 07:27	16887-00-6	
Fluoride	**0.050J**	mg/L	0.10	0.050	1		03/04/25 07:27	16984-48-8	
Sulfate	**1.4**	mg/L	1.0	0.50	1		03/04/25 07:27	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.00077J**	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 07:31	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:31	7440-38-2	
Barium	**0.011**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:31	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 07:31	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 07:31	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 07:31	7440-43-9	
Calcium	**26.9**	mg/L	1.0	0.10	1	03/19/25 07:04	03/22/25 07:31	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:31	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:31	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:31	7440-50-8	
Iron	**0.013J**	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 07:31	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 07:31	7439-92-1	
Magnesium	**14.3**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 07:31	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 07:31	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:31	7440-02-0	
Potassium	**0.80**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 07:31	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:31	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 07:31	7440-22-4	
Sodium	**1.6**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 07:31	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 07:31	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 07:31	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 07:31	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-LF9-10-FD-08 **Lab ID: 92782406012** Collected: 02/26/25 00:00 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 12:31	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/08/25 16:41		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/08/25 16:41		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/08/25 16:41		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**42.0**	mg/L	25.0	25.0	1		03/05/25 12:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**4.1**	mg/L	1.0	0.60	1		03/04/25 07:42	16887-00-6	
Fluoride	**0.058J**	mg/L	0.10	0.050	1		03/04/25 07:42	16984-48-8	
Sulfate	**16.1**	mg/L	1.0	0.50	1		03/04/25 07:42	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 07:40	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:40	7440-38-2	
Barium	**0.031**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:40	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 07:40	7440-41-7	
Boron	**0.0093J**	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 07:40	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 07:40	7440-43-9	
Calcium	**7.2**	mg/L	1.0	0.10	1	03/19/25 07:04	03/22/25 07:40	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:40	7440-47-3	
Cobalt	**0.0020J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:40	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:40	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 07:40	7439-89-6	
Lead	**0.00044J**	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 07:40	7439-92-1	
Magnesium	**1.7**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 07:40	7439-95-4	
Manganese	**0.056**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 07:40	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:40	7440-02-0	
Potassium	**1.1**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 07:40	7440-09-7	
Selenium	**0.0023J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 07:40	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 07:40	7440-22-4	
Sodium	**2.4**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 07:40	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 07:40	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 07:40	7440-62-2	
Zinc	**0.0039J**	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 07:40	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-LF9-10-FB-09 **Lab ID: 92782406013** Collected: 02/26/25 15:36 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 12:16	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 19:21		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 19:21		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/06/25 19:21		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/05/25 12:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		03/03/25 23:18	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/03/25 23:18	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/03/25 23:18	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 08:07	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:07	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:07	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 08:07	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 08:07	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 08:07	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/19/25 07:04	03/22/25 08:07	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:07	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:07	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:07	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 08:07	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 08:07	7439-92-1	
Magnesium	ND	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 08:07	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 08:07	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:07	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 08:07	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:07	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 08:07	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 08:07	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 08:07	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 08:07	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 08:07	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-LF9-10-EB-09 **Lab ID: 92782406014** Collected: 02/26/25 15:49 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 12:33	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 19:25		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 19:25		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/06/25 19:25		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/05/25 12:23		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		03/03/25 23:33	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/03/25 23:33	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/03/25 23:33	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 08:16	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:16	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:16	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 08:16	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 08:16	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 08:16	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/19/25 07:04	03/22/25 08:16	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:16	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:16	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:16	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 08:16	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 08:16	7439-92-1	
Magnesium	ND	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 08:16	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 08:16	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:16	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 08:16	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:16	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 08:16	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 08:16	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 08:16	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 08:16	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 08:16	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-GWA-39Z **Lab ID: 92782406015** Collected: 02/25/25 15:58 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 12:35	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**82.2**	mg/L	5.0	5.0	1		03/05/25 19:08		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 19:08		
Alkalinity, Total as CaCO3	**82.2**	mg/L	5.0	5.0	1		03/05/25 19:08		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**91.0**	mg/L	25.0	25.0	1		03/04/25 16:29		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.96J**	mg/L	1.0	0.60	1		03/04/25 08:27	16887-00-6	
Fluoride	**0.076J**	mg/L	0.10	0.050	1		03/04/25 08:27	16984-48-8	
Sulfate	**1.2**	mg/L	1.0	0.50	1		03/04/25 08:27	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 08:25	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:25	7440-38-2	
Barium	**0.019**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:25	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 08:25	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 08:25	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 08:25	7440-43-9	
Calcium	**17.4**	mg/L	1.0	0.10	1	03/19/25 07:04	03/22/25 08:25	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:25	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:25	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:25	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 08:25	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 08:25	7439-92-1	
Magnesium	**9.8**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 08:25	7439-95-4	
Manganese	**0.0033J**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 08:25	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:25	7440-02-0	
Potassium	**1.4**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 08:25	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:25	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 08:25	7440-22-4	
Sodium	**1.5**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 08:25	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 08:25	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 08:25	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 08:25	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-GWA-40 **Lab ID: 92782406016** Collected: 02/25/25 15:12 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 12:41	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**121**	mg/L	5.0	5.0	1		03/05/25 19:15		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 19:15		
Alkalinity, Total as CaCO3	**121**	mg/L	5.0	5.0	1		03/05/25 19:15		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**119**	mg/L	25.0	25.0	1		03/04/25 16:29		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.99J**	mg/L	1.0	0.60	1		03/04/25 08:42	16887-00-6	
Fluoride	**0.066J**	mg/L	0.10	0.050	1		03/04/25 08:42	16984-48-8	
Sulfate	**0.71J**	mg/L	1.0	0.50	1		03/04/25 08:42	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 08:34	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:34	7440-38-2	
Barium	**0.0083**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:34	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 08:34	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 08:34	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 08:34	7440-43-9	
Calcium	**26.3**	mg/L	1.0	0.10	1	03/19/25 07:04	03/22/25 08:34	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:34	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:34	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:34	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 08:34	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 08:34	7439-92-1	
Magnesium	**14.2**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 08:34	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 08:34	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:34	7440-02-0	
Potassium	**1.0**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 08:34	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:34	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 08:34	7440-22-4	
Sodium	**1.0**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 08:34	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 08:34	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 08:34	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 08:34	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-GWA-41 **Lab ID: 92782406017** Collected: 02/25/25 12:47 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 12:43	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**139**	mg/L	5.0	5.0	1		03/05/25 19:23		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 19:23		
Alkalinity, Total as CaCO3	**139**	mg/L	5.0	5.0	1		03/05/25 19:23		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**142**	mg/L	25.0	25.0	1		03/04/25 16:29		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.99J**	mg/L	1.0	0.60	1		03/04/25 09:26	16887-00-6	
Fluoride	**0.052J**	mg/L	0.10	0.050	1		03/04/25 09:26	16984-48-8	
Sulfate	**5.0**	mg/L	1.0	0.50	1		03/04/25 09:26	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 08:43	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:43	7440-38-2	
Barium	**0.019**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:43	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 08:43	7440-41-7	
Boron	**0.0094J**	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 08:43	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 08:43	7440-43-9	
Calcium	**31.7**	mg/L	10.0	1.0	10	03/19/25 07:04	03/25/25 13:08	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:43	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:43	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:43	7440-50-8	
Iron	**0.041**	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 08:43	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 08:43	7439-92-1	
Magnesium	**17.6**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 08:43	7439-95-4	
Manganese	**0.0057J**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 08:43	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:43	7440-02-0	
Potassium	**1.4**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 08:43	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:43	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 08:43	7440-22-4	
Sodium	**0.68J**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 08:43	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 08:43	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 08:43	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 08:43	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-GWA-41R **Lab ID: 92782406018** Collected: 02/25/25 10:58 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 12:46	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**157**	mg/L	5.0	5.0	1		03/05/25 19:41		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 19:41		
Alkalinity, Total as CaCO3	**157**	mg/L	5.0	5.0	1		03/05/25 19:41		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**161**	mg/L	25.0	25.0	1		03/04/25 16:29		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.95J**	mg/L	1.0	0.60	1		03/04/25 09:41	16887-00-6	
Fluoride	**0.050J**	mg/L	0.10	0.050	1		03/04/25 09:41	16984-48-8	
Sulfate	**5.8**	mg/L	1.0	0.50	1		03/04/25 09:41	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.0089**	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 08:52	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:52	7440-38-2	
Barium	**0.037**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:52	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 08:52	7440-41-7	
Boron	**0.017J**	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 08:52	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 08:52	7440-43-9	
Calcium	**34.0**	mg/L	10.0	1.0	10	03/19/25 07:04	03/25/25 13:17	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:52	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:52	7440-48-4	
Copper	**0.0035J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:52	7440-50-8	
Iron	**0.47**	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 08:52	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 08:52	7439-92-1	
Magnesium	**16.5**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 08:52	7439-95-4	
Manganese	**0.42**	mg/L	0.40	0.012	10	03/19/25 07:04	03/25/25 13:17	7439-96-5	
Nickel	**0.0016J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:52	7440-02-0	
Potassium	**2.9**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 08:52	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 08:52	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 08:52	7440-22-4	
Sodium	**0.75J**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 08:52	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 08:52	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 08:52	7440-62-2	
Zinc	**0.0032J**	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 08:52	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-GWA-42 **Lab ID: 92782406019** Collected: 02/25/25 16:15 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 12:52	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**157**	mg/L	5.0	5.0	1		03/05/25 19:48		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 19:48		
Alkalinity, Total as CaCO3	**157**	mg/L	5.0	5.0	1		03/05/25 19:48		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**155**	mg/L	25.0	25.0	1		03/04/25 16:30		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.3**	mg/L	1.0	0.60	1		03/04/25 09:56	16887-00-6	
Fluoride	**0.060J**	mg/L	0.10	0.050	1		03/04/25 09:56	16984-48-8	
Sulfate	**1.2**	mg/L	1.0	0.50	1		03/04/25 09:56	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 09:01	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 09:01	7440-38-2	
Barium	**0.0071**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 09:01	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 09:01	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 09:01	7440-42-8	
Cadmium	**0.00016J**	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 09:01	7440-43-9	
Calcium	**38.9**	mg/L	10.0	1.0	10	03/19/25 07:04	03/25/25 13:26	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 09:01	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 09:01	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 09:01	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 09:01	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 09:01	7439-92-1	
Magnesium	**16.2**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 09:01	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 09:01	7439-96-5	
Nickel	**0.0015J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 09:01	7440-02-0	
Potassium	**0.36J**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 09:01	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 09:01	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 09:01	7440-22-4	
Sodium	**2.0**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 09:01	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 09:01	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 09:01	7440-62-2	
Zinc	**0.010J**	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 09:01	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-GWA-43 **Lab ID: 92782406020** Collected: 02/25/25 14:32 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 12:54	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 20:13		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 20:13		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/05/25 20:13		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/04/25 16:30		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.1**	mg/L	1.0	0.60	1		03/04/25 10:11	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/04/25 10:11	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/04/25 10:11	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/22/25 09:10	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 09:10	7440-38-2	
Barium	**0.010**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 09:10	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/22/25 09:10	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/22/25 09:10	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/22/25 09:10	7440-43-9	
Calcium	**1.6**	mg/L	1.0	0.10	1	03/19/25 07:04	03/22/25 09:10	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 09:10	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 09:10	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 09:10	7440-50-8	
Iron	**0.069**	mg/L	0.040	0.012	1	03/19/25 07:04	03/22/25 09:10	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/22/25 09:10	7439-92-1	
Magnesium	**0.42**	mg/L	0.050	0.010	1	03/19/25 07:04	03/22/25 09:10	7439-95-4	
Manganese	**0.021J**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/22/25 09:10	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 09:10	7440-02-0	
Potassium	**0.32J**	mg/L	0.50	0.10	1	03/19/25 07:04	03/22/25 09:10	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/22/25 09:10	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/22/25 09:10	7440-22-4	
Sodium	**1.1**	mg/L	1.0	0.15	1	03/19/25 07:04	03/22/25 09:10	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/22/25 09:10	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/22/25 09:10	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/22/25 09:10	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-GWA-43R **Lab ID: 92782406021** Collected: 02/25/25 13:33 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 12:56	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**141**	mg/L	5.0	5.0	1		03/05/25 20:50		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 20:50		
Alkalinity, Total as CaCO3	**141**	mg/L	5.0	5.0	1		03/05/25 20:50		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**140**	mg/L	25.0	25.0	1		03/04/25 16:30		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.5**	mg/L	1.0	0.60	1		03/04/25 10:25	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/04/25 10:25	16984-48-8	
Sulfate	**2.1**	mg/L	1.0	0.50	1		03/04/25 10:25	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 07:00	03/22/25 01:37	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:37	7440-38-2	
Barium	**0.0074**	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:37	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 07:00	03/22/25 01:37	7440-41-7	
Boron	**0.011J**	mg/L	0.040	0.0062	1	03/20/25 07:00	03/22/25 01:37	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 07:00	03/22/25 01:37	7440-43-9	
Calcium	**23.2**	mg/L	10.0	1.0	10	03/20/25 07:00	03/24/25 16:40	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:37	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:37	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:37	7440-50-8	
Iron	**0.18**	mg/L	0.040	0.012	1	03/20/25 07:00	03/22/25 01:37	7439-89-6	B
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 07:00	03/22/25 01:37	7439-92-1	
Magnesium	**17.6**	mg/L	0.050	0.010	1	03/20/25 07:00	03/22/25 01:37	7439-95-4	
Manganese	**0.014J**	mg/L	0.040	0.0012	1	03/20/25 07:00	03/22/25 01:37	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:37	7440-02-0	
Potassium	**0.52**	mg/L	0.50	0.10	1	03/20/25 07:00	03/22/25 01:37	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:37	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 07:00	03/22/25 01:37	7440-22-4	
Sodium	**1.0**	mg/L	1.0	0.15	1	03/20/25 07:00	03/22/25 01:37	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 07:00	03/22/25 01:37	7440-28-0	1g
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 07:00	03/22/25 01:37	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 07:00	03/22/25 01:37	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-LF9-10-FB-08 **Lab ID: 92782406022** Collected: 02/25/25 17:04 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 12:58	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 20:58		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 20:58		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/05/25 20:58		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/04/25 16:30		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		03/03/25 23:47	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/03/25 23:47	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/03/25 23:47	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 07:00	03/22/25 01:46	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:46	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:46	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 07:00	03/22/25 01:46	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 07:00	03/22/25 01:46	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 07:00	03/22/25 01:46	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/20/25 07:00	03/22/25 01:46	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:46	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:46	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:46	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/20/25 07:00	03/22/25 01:46	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 07:00	03/22/25 01:46	7439-92-1	
Magnesium	ND	mg/L	0.050	0.010	1	03/20/25 07:00	03/22/25 01:46	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/20/25 07:00	03/22/25 01:46	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:46	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/20/25 07:00	03/22/25 01:46	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:46	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 07:00	03/22/25 01:46	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/20/25 07:00	03/22/25 01:46	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 07:00	03/22/25 01:46	7440-28-0	1g
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 07:00	03/22/25 01:46	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 07:00	03/22/25 01:46	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Sample: BOW-LF9-10-EB-08 **Lab ID: 92782406023** Collected: 02/25/25 17:20 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 13:00	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 21:01		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/05/25 21:01		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/05/25 21:01		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/04/25 16:30		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		03/04/25 01:02	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/04/25 01:02	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/04/25 01:02	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 07:00	03/22/25 01:55	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:55	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:55	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 07:00	03/22/25 01:55	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 07:00	03/22/25 01:55	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 07:00	03/22/25 01:55	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/20/25 07:00	03/22/25 01:55	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:55	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:55	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:55	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/20/25 07:00	03/22/25 01:55	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 07:00	03/22/25 01:55	7439-92-1	
Magnesium	ND	mg/L	0.050	0.010	1	03/20/25 07:00	03/22/25 01:55	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/20/25 07:00	03/22/25 01:55	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:55	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/20/25 07:00	03/22/25 01:55	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 07:00	03/22/25 01:55	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 07:00	03/22/25 01:55	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/20/25 07:00	03/22/25 01:55	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 07:00	03/22/25 01:55	7440-28-0	1g
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 07:00	03/22/25 01:55	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 07:00	03/22/25 01:55	7440-66-6	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

QC Batch: 919784
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782406001, 92782406002, 92782406003, 92782406004, 92782406005, 92782406006, 92782406007, 92782406008, 92782406009, 92782406010, 92782406011, 92782406013

METHOD BLANK: 4726406 Matrix: Water
Associated Lab Samples: 92782406001, 92782406002, 92782406003, 92782406004, 92782406005, 92782406006, 92782406007, 92782406008, 92782406009, 92782406010, 92782406011, 92782406013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00012	03/05/25 11:20	

LABORATORY CONTROL SAMPLE: 4726407

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0025	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4726408 4726409

Parameter	Units	92781127014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.0025	0.0025	0.0024	0.0024	96	95	75-125	1	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

QC Batch: 919785
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782406012, 92782406014, 92782406015, 92782406016, 92782406017, 92782406018, 92782406019, 92782406020, 92782406021, 92782406022, 92782406023

METHOD BLANK: 4726410 Matrix: Water
Associated Lab Samples: 92782406012, 92782406014, 92782406015, 92782406016, 92782406017, 92782406018, 92782406019, 92782406020, 92782406021, 92782406022, 92782406023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00012	03/05/25 12:27	

LABORATORY CONTROL SAMPLE: 4726411

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0025	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4726412 4726413

Parameter	Units	92782406015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.0025	0.0025	0.0024	0.0025	96	100	75-125	4	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

QC Batch: 920107 | Analysis Method: SM 2320B-2011
QC Batch Method: SM 2320B-2011 | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782406015, 92782406016, 92782406017, 92782406018, 92782406019, 92782406020

METHOD BLANK: 4727794 Matrix: Water
Associated Lab Samples: 92782406015, 92782406016, 92782406017, 92782406018, 92782406019, 92782406020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/05/25 16:58	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	03/05/25 16:58	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	03/05/25 16:58	

LABORATORY CONTROL SAMPLE: 4727795

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.5	103	80-120	

LABORATORY CONTROL SAMPLE: 4727796

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	54.8	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4727797 4727798

Parameter	Units	92782406019 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	157	50	50	202	204	91	95	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4727799 4727800

Parameter	Units	92782406020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	ND	50	50	55.6	55.5	102	102	80-120	0	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

QC Batch: 920108
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782406021, 92782406022, 92782406023

METHOD BLANK: 4727802 Matrix: Water
Associated Lab Samples: 92782406021, 92782406022, 92782406023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/05/25 20:35	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	03/05/25 20:35	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	03/05/25 20:35	

LABORATORY CONTROL SAMPLE: 4727803

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.4	103	80-120	

LABORATORY CONTROL SAMPLE: 4727804

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.2	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4727805 4727806

Parameter	Units	92781919010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	26.7	50	50	77.0	76.3	101	99	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4727807 4727808

Parameter	Units	92781919011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	54.3	50	50	105	105	102	101	80-120	0	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

QC Batch: 920554
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782406001, 92782406002, 92782406003, 92782406004, 92782406005, 92782406006, 92782406007, 92782406008, 92782406009, 92782406010, 92782406011, 92782406013, 92782406014

METHOD BLANK: 4730303 Matrix: Water
Associated Lab Samples: 92782406001, 92782406002, 92782406003, 92782406004, 92782406005, 92782406006, 92782406007, 92782406008, 92782406009, 92782406010, 92782406011, 92782406013, 92782406014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/06/25 16:55	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	03/06/25 16:55	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	03/06/25 16:55	

LABORATORY CONTROL SAMPLE: 4730304

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.5	103	80-120	

LABORATORY CONTROL SAMPLE: 4730305

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.5	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4730306 4730307

Parameter	Units	92782018001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	ND	50	50	50.8	50.6	97	97	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4730308 4730309

Parameter	Units	92782018002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	ND	50	50	50.5	50.5	101	101	80-120	0	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

QC Batch: 920888
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782406012

METHOD BLANK: 4732149 Matrix: Water
Associated Lab Samples: 92782406012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/08/25 15:50	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	03/08/25 15:50	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	03/08/25 15:50	

LABORATORY CONTROL SAMPLE: 4732150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.9	102	80-120	

LABORATORY CONTROL SAMPLE: 4732151

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.8	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4732152 4732153

Parameter	Units	92782027001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	58800	50	50	61800	62100	5850	6610	80-120	1	25	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4732154 4732155

Parameter	Units	92782027004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	20500	50	50	20400	20700	-205	486	80-120	2	25	M1

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QUALITY CONTROL DATA

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

QC Batch: 919711 | Analysis Method: SM 2540C-2015
QC Batch Method: SM 2540C-2015 | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782406015, 92782406016, 92782406017, 92782406018, 92782406019, 92782406020, 92782406021, 92782406022, 92782406023

METHOD BLANK: 4726157 Matrix: Water
Associated Lab Samples: 92782406015, 92782406016, 92782406017, 92782406018, 92782406019, 92782406020, 92782406021, 92782406022, 92782406023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	03/04/25 16:26	

LABORATORY CONTROL SAMPLE: 4726158

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	248	99	90-110	

SAMPLE DUPLICATE: 4726159

Parameter	Units	92781127017 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	329	329	0	25	

SAMPLE DUPLICATE: 4726160

Parameter	Units	92782406020 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0		25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

QC Batch: 919959
QC Batch Method: SM 2540C-2015
Analysis Method: SM 2540C-2015
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782406001, 92782406002, 92782406003, 92782406004

METHOD BLANK: 4727353 Matrix: Water
Associated Lab Samples: 92782406001, 92782406002, 92782406003, 92782406004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	03/05/25 12:28	

LABORATORY CONTROL SAMPLE: 4727354

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	254	101	90-110	

SAMPLE DUPLICATE: 4727355

Parameter	Units	92781915003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	309	309	0	25	

SAMPLE DUPLICATE: 4727356

Parameter	Units	92782219006 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	ND	ND		25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

QC Batch: 919962 | Analysis Method: SM 2540C-2015
QC Batch Method: SM 2540C-2015 | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782406005, 92782406006, 92782406007, 92782406008, 92782406009, 92782406010, 92782406011, 92782406012, 92782406013, 92782406014

METHOD BLANK: 4727362 | Matrix: Water
Associated Lab Samples: 92782406005, 92782406006, 92782406007, 92782406008, 92782406009, 92782406010, 92782406011, 92782406012, 92782406013, 92782406014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	03/05/25 12:20	

LABORATORY CONTROL SAMPLE: 4727363

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	250	100	90-110	

SAMPLE DUPLICATE: 4727364

Parameter	Units	92782406005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	202	197	3	25	

SAMPLE DUPLICATE: 4727365

Parameter	Units	92782410012 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	121	116	4	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

QC Batch: 919660
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782406001, 92782406002, 92782406003, 92782406004, 92782406005, 92782406006, 92782406007, 92782406008, 92782406009, 92782406010, 92782406011

METHOD BLANK: 4725928 Matrix: Water
Associated Lab Samples: 92782406001, 92782406002, 92782406003, 92782406004, 92782406005, 92782406006, 92782406007, 92782406008, 92782406009, 92782406010, 92782406011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	03/03/25 21:33	
Fluoride	mg/L	ND	0.10	0.050	03/03/25 21:33	
Sulfate	mg/L	ND	1.0	0.50	03/03/25 21:33	

LABORATORY CONTROL SAMPLE: 4725929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.5	101	90-110	
Fluoride	mg/L	2.5	2.6	102	90-110	
Sulfate	mg/L	50	51.2	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4725930 4725931

Parameter	Units	92781127014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1.2	50	50	51.1	51.5	100	101	90-110	1	10	
Fluoride	mg/L	0.11	2.5	2.5	2.7	2.7	102	103	90-110	1	10	
Sulfate	mg/L	9.0	50	50	60.4	60.8	103	104	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4725932 4725933

Parameter	Units	92782406002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	4.0	50	50	56.0	55.1	104	102	90-110	2	10	
Fluoride	mg/L	0.059J	2.5	2.5	2.8	2.8	108	108	90-110	0	10	
Sulfate	mg/L	16.1	50	50	69.2	68.2	106	104	90-110	1	10	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

QC Batch: 919664
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782406012, 92782406013, 92782406014, 92782406015, 92782406016, 92782406017, 92782406018, 92782406019, 92782406020, 92782406021, 92782406022, 92782406023

METHOD BLANK: 4725940 Matrix: Water
Associated Lab Samples: 92782406012, 92782406013, 92782406014, 92782406015, 92782406016, 92782406017, 92782406018, 92782406019, 92782406020, 92782406021, 92782406022, 92782406023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	03/03/25 22:03	
Fluoride	mg/L	ND	0.10	0.050	03/03/25 22:03	
Sulfate	mg/L	ND	1.0	0.50	03/03/25 22:03	

LABORATORY CONTROL SAMPLE: 4725941

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.1	102	90-110	
Fluoride	mg/L	2.5	2.6	102	90-110	
Sulfate	mg/L	50	51.7	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4725942 4725943

Parameter	Units	92782406012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	4.1	50	50	56.8	56.7	105	105	90-110	0	10	
Fluoride	mg/L	0.058J	2.5	2.5	2.6	2.7	103	105	90-110	2	10	
Sulfate	mg/L	16.1	50	50	70.1	69.8	108	107	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4725944 4725945

Parameter	Units	92782406022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	ND	50	50	48.7	52.2	97	104	90-110	7	10	
Fluoride	mg/L	ND	2.5	2.5	2.4	2.6	97	103	90-110	7	10	
Sulfate	mg/L	ND	50	50	49.0	52.3	98	105	90-110	7	10	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

QC Batch: 923198
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92782406001, 92782406002, 92782406003, 92782406004, 92782406005, 92782406006, 92782406007, 92782406008, 92782406009, 92782406010, 92782406011, 92782406012, 92782406013, 92782406014, 92782406015, 92782406016, 92782406017, 92782406018, 92782406019, 92782406020

METHOD BLANK: 4743187
Matrix: Water
Associated Lab Samples: 92782406001, 92782406002, 92782406003, 92782406004, 92782406005, 92782406006, 92782406007, 92782406008, 92782406009, 92782406010, 92782406011, 92782406012, 92782406013, 92782406014, 92782406015, 92782406016, 92782406017, 92782406018, 92782406019, 92782406020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00050	03/22/25 04:47	
Arsenic	mg/L	ND	0.0050	0.0012	03/22/25 04:47	
Barium	mg/L	ND	0.0050	0.0012	03/22/25 04:47	
Beryllium	mg/L	ND	0.00050	0.00015	03/22/25 04:47	
Boron	mg/L	ND	0.040	0.0062	03/22/25 04:47	
Cadmium	mg/L	ND	0.00050	0.00012	03/22/25 04:47	
Calcium	mg/L	ND	1.0	0.10	03/22/25 04:47	
Chromium	mg/L	ND	0.0050	0.0012	03/22/25 04:47	
Cobalt	mg/L	ND	0.0050	0.0012	03/22/25 04:47	
Copper	mg/L	ND	0.0050	0.0012	03/22/25 04:47	
Iron	mg/L	ND	0.040	0.012	03/22/25 04:47	
Lead	mg/L	ND	0.0010	0.00025	03/22/25 04:47	
Magnesium	mg/L	ND	0.050	0.010	03/22/25 04:47	
Manganese	mg/L	ND	0.040	0.0012	03/22/25 04:47	
Nickel	mg/L	ND	0.0050	0.0012	03/22/25 04:47	
Potassium	mg/L	ND	0.50	0.10	03/22/25 04:47	
Selenium	mg/L	ND	0.0050	0.0012	03/22/25 04:47	
Silver	mg/L	ND	0.0050	0.00025	03/22/25 04:47	
Sodium	mg/L	ND	1.0	0.15	03/22/25 04:47	
Thallium	mg/L	ND	0.0010	0.00015	03/22/25 04:47	
Vanadium	mg/L	ND	0.010	0.0025	03/22/25 04:47	
Zinc	mg/L	ND	0.020	0.0025	03/22/25 04:47	

LABORATORY CONTROL SAMPLE: 4743188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.10	100	80-120	
Arsenic	mg/L	0.1	0.099	99	80-120	
Barium	mg/L	0.1	0.098	98	80-120	
Beryllium	mg/L	0.1	0.091	91	80-120	
Boron	mg/L	0.1	0.090	90	80-120	
Cadmium	mg/L	0.1	0.10	101	80-120	
Calcium	mg/L	1	1.1	108	80-120	
Chromium	mg/L	0.1	0.11	107	80-120	
Cobalt	mg/L	0.1	0.11	114	80-120	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

LABORATORY CONTROL SAMPLE: 4743188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	mg/L	0.1	0.12	117	80-120	
Iron	mg/L	1	1.1	108	80-120	
Lead	mg/L	0.1	0.11	107	80-120	
Magnesium	mg/L	1	1.1	110	80-120	
Manganese	mg/L	0.1	0.11	109	80-120	
Nickel	mg/L	0.1	0.11	113	80-120	
Potassium	mg/L	1	1.1	113	80-120	
Selenium	mg/L	0.1	0.085	85	80-120	
Silver	mg/L	0.1	0.11	108	80-120	
Sodium	mg/L	1	0.94J	94	80-120	
Thallium	mg/L	0.1	0.11	106	80-120	
Vanadium	mg/L	0.1	0.10	104	80-120	
Zinc	mg/L	0.1	0.099	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4743189 4743190

Parameter	Units	92782406005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.10	0.10	102	102	75-125	1	20	
Arsenic	mg/L	ND	0.1	0.1	0.11	0.11	105	106	75-125	0	20	
Barium	mg/L	0.012	0.1	0.1	0.11	0.11	99	98	75-125	1	20	
Beryllium	mg/L	ND	0.1	0.1	0.095	0.096	95	96	75-125	1	20	
Boron	mg/L	ND	0.1	0.1	0.097	0.099	93	96	75-125	3	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.10	105	103	75-125	1	20	
Calcium	mg/L	44.6	1	1	45.7	44.8	108	27	75-125	2	20	M1
Chromium	mg/L	0.0039J	0.1	0.1	0.11	0.11	101	102	75-125	0	20	
Cobalt	mg/L	ND	0.1	0.1	0.11	0.10	105	105	75-125	1	20	
Copper	mg/L	ND	0.1	0.1	0.11	0.11	110	109	75-125	1	20	
Iron	mg/L	ND	1	1	1.0	1.0	101	101	75-125	0	20	
Lead	mg/L	ND	0.1	0.1	0.10	0.10	103	104	75-125	1	20	
Magnesium	mg/L	22.9	1	1	24.4	24.2	152	131	75-125	1	20	M1
Manganese	mg/L	ND	0.1	0.1	0.10	0.10	103	104	75-125	1	20	
Nickel	mg/L	ND	0.1	0.1	0.10	0.10	103	102	75-125	1	20	
Potassium	mg/L	2.5	1	1	3.7	3.6	113	111	75-125	1	20	
Selenium	mg/L	ND	0.1	0.1	0.097	0.097	96	97	75-125	1	20	
Silver	mg/L	ND	0.1	0.1	0.10	0.10	104	103	75-125	1	20	
Sodium	mg/L	6.2	1	1	7.3	7.5	108	129	75-125	3	20	M1
Thallium	mg/L	ND	0.1	0.1	0.11	0.11	105	106	75-125	0	20	
Vanadium	mg/L	ND	0.1	0.1	0.10	0.10	103	103	75-125	0	20	
Zinc	mg/L	ND	0.1	0.1	0.10	0.10	104	104	75-125	0	20	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

QC Batch: 923431
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92782406021, 92782406022, 92782406023

METHOD BLANK: 4744500 Matrix: Water
Associated Lab Samples: 92782406021, 92782406022, 92782406023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00050	03/21/25 23:39	
Arsenic	mg/L	ND	0.0050	0.0012	03/21/25 23:39	
Barium	mg/L	ND	0.0050	0.0012	03/21/25 23:39	
Beryllium	mg/L	ND	0.00050	0.00015	03/21/25 23:39	
Boron	mg/L	ND	0.040	0.0062	03/21/25 23:39	
Cadmium	mg/L	ND	0.00050	0.00012	03/21/25 23:39	
Calcium	mg/L	ND	1.0	0.10	03/21/25 23:39	
Chromium	mg/L	ND	0.0050	0.0012	03/21/25 23:39	
Cobalt	mg/L	ND	0.0050	0.0012	03/21/25 23:39	
Copper	mg/L	ND	0.0050	0.0012	03/21/25 23:39	
Iron	mg/L	0.036J	0.040	0.012	03/21/25 23:39	
Lead	mg/L	ND	0.0010	0.00025	03/21/25 23:39	
Magnesium	mg/L	ND	0.050	0.010	03/21/25 23:39	
Manganese	mg/L	ND	0.040	0.0012	03/21/25 23:39	
Nickel	mg/L	ND	0.0050	0.0012	03/21/25 23:39	
Potassium	mg/L	ND	0.50	0.10	03/21/25 23:39	
Selenium	mg/L	ND	0.0050	0.0012	03/21/25 23:39	
Silver	mg/L	ND	0.0050	0.00025	03/21/25 23:39	
Sodium	mg/L	ND	1.0	0.15	03/21/25 23:39	
Thallium	mg/L	ND	0.0010	0.00015	03/21/25 23:39	
Vanadium	mg/L	ND	0.010	0.0025	03/21/25 23:39	
Zinc	mg/L	ND	0.020	0.0025	03/21/25 23:39	

LABORATORY CONTROL SAMPLE: 4744501

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.10	100	80-120	
Arsenic	mg/L	0.1	0.091	91	80-120	
Barium	mg/L	0.1	0.099	99	80-120	
Beryllium	mg/L	0.1	0.090	90	80-120	
Boron	mg/L	0.1	0.090	90	80-120	
Cadmium	mg/L	0.1	0.10	101	80-120	
Calcium	mg/L	1	1.1	106	80-120	
Chromium	mg/L	0.1	0.11	111	80-120	
Cobalt	mg/L	0.1	0.12	115	80-120	
Copper	mg/L	0.1	0.11	108	80-120	
Iron	mg/L	1	1.1	110	80-120	
Lead	mg/L	0.1	0.11	110	80-120	
Magnesium	mg/L	1	1.1	108	80-120	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

LABORATORY CONTROL SAMPLE: 4744501

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Manganese	mg/L	0.1	0.11	109	80-120	
Nickel	mg/L	0.1	0.12	117	80-120	
Potassium	mg/L	1	1.1	108	80-120	
Selenium	mg/L	0.1	0.083	83	80-120	
Silver	mg/L	0.1	0.11	106	80-120	
Sodium	mg/L	1	0.88J	88	80-120	
Thallium	mg/L	0.1	0.11	111	80-120	
Vanadium	mg/L	0.1	0.10	105	80-120	
Zinc	mg/L	0.1	0.094	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4744502 4744503

Parameter	Units	92778922001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.11	0.10	107	105	75-125	2	20	
Arsenic	mg/L	ND	0.1	0.1	0.10	0.10	102	103	75-125	1	20	
Barium	mg/L	0.0045J	0.1	0.1	0.10	0.10	100	99	75-125	1	20	
Beryllium	mg/L	ND	0.1	0.1	0.096	0.097	96	97	75-125	0	20	
Boron	mg/L	0.26	0.1	0.1	0.36	0.36	93	100	75-125	2	20	
Cadmium	mg/L	ND	0.1	0.1	0.11	0.11	107	107	75-125	0	20	
Calcium	mg/L	25.4	1	1	25.8	26.3	41	93	75-125	2	20	M1
Chromium	mg/L	ND	0.1	0.1	0.11	0.11	111	108	75-125	2	20	
Cobalt	mg/L	ND	0.1	0.1	0.11	0.11	113	110	75-125	3	20	
Copper	mg/L	0.0025J	0.1	0.1	0.11	0.11	109	111	75-125	2	20	
Iron	mg/L	0.051	1	1	1.1	1.1	109	106	75-125	2	20	
Lead	mg/L	0.0037	0.1	0.1	0.11	0.11	106	107	75-125	1	20	
Magnesium	mg/L	8.4	1	1	9.5	9.5	116	112	75-125	0	20	
Manganese	mg/L	0.067	0.1	0.1	0.17	0.17	108	107	75-125	0	20	
Nickel	mg/L	ND	0.1	0.1	0.11	0.11	112	110	75-125	2	20	
Potassium	mg/L	3.0	1	1	4.1	4.1	107	112	75-125	1	20	
Selenium	mg/L	ND	0.1	0.1	0.094	0.095	94	95	75-125	1	20	
Silver	mg/L	ND	0.1	0.1	0.10	0.10	103	103	75-125	0	20	
Sodium	mg/L	12.2	1	1	12.9	13.6	70	136	75-125	5	20	M1
Thallium	mg/L	0.00016J	0.1	0.1	0.11	0.11	108	108	75-125	0	20	
Vanadium	mg/L	ND	0.1	0.1	0.11	0.11	106	104	75-125	2	20	
Zinc	mg/L	0.022	0.1	0.1	0.12	0.13	102	104	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALIFIERS

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1g	The same analyte was detected in an associated instrument blank at a concentration above 1/2 the reporting limit but below the reporting limit. The concentration in the sample was non-detect.
B	Analyte was detected in the associated method blank.
D4	Sample was diluted due to the presence of high levels of target analytes.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92782406001	**BOW-GWA-39RZ**	EPA 7470A	919784	EPA 7470A	920119
92782406002	**BOW-GWC-44**	EPA 7470A	919784	EPA 7470A	920119
92782406003	**BOW-GWC-45**	EPA 7470A	919784	EPA 7470A	920119
92782406004	**BOW-GWC-45R**	EPA 7470A	919784	EPA 7470A	920119
92782406005	**BOW-GWC-46R**	EPA 7470A	919784	EPA 7470A	920119
92782406006	**BOW-GWC-47**	EPA 7470A	919784	EPA 7470A	920119
92782406007	**BOW-GWC-47R**	EPA 7470A	919784	EPA 7470A	920119
92782406008	**BOW-GWC-48**	EPA 7470A	919784	EPA 7470A	920119
92782406009	**BOW-GWC-49R**	EPA 7470A	919784	EPA 7470A	920119
92782406010	**BOW-GWC-49Z**	EPA 7470A	919784	EPA 7470A	920119
92782406011	**BOW-LF9-10-FD-09**	EPA 7470A	919784	EPA 7470A	920119
92782406012	**BOW-LF9-10-FD-08**	EPA 7470A	919785	EPA 7470A	920120
92782406013	**BOW-LF9-10-FB-09**	EPA 7470A	919784	EPA 7470A	920119
92782406014	**BOW-LF9-10-EB-09**	EPA 7470A	919785	EPA 7470A	920120
92782406015	**BOW-GWA-39Z**	EPA 7470A	919785	EPA 7470A	920120
92782406016	**BOW-GWA-40**	EPA 7470A	919785	EPA 7470A	920120
92782406017	**BOW-GWA-41**	EPA 7470A	919785	EPA 7470A	920120
92782406018	**BOW-GWA-41R**	EPA 7470A	919785	EPA 7470A	920120
92782406019	**BOW-GWA-42**	EPA 7470A	919785	EPA 7470A	920120
92782406020	**BOW-GWA-43**	EPA 7470A	919785	EPA 7470A	920120
92782406021	**BOW-GWA-43R**	EPA 7470A	919785	EPA 7470A	920120
92782406022	**BOW-LF9-10-FB-08**	EPA 7470A	919785	EPA 7470A	920120
92782406023	**BOW-LF9-10-EB-08**	EPA 7470A	919785	EPA 7470A	920120
92782406001	**BOW-GWA-39RZ**	SM 2320B-2011	920554		
92782406002	**BOW-GWC-44**	SM 2320B-2011	920554		
92782406003	**BOW-GWC-45**	SM 2320B-2011	920554		
92782406004	**BOW-GWC-45R**	SM 2320B-2011	920554		
92782406005	**BOW-GWC-46R**	SM 2320B-2011	920554		
92782406006	**BOW-GWC-47**	SM 2320B-2011	920554		
92782406007	**BOW-GWC-47R**	SM 2320B-2011	920554		
92782406008	**BOW-GWC-48**	SM 2320B-2011	920554		
92782406009	**BOW-GWC-49R**	SM 2320B-2011	920554		
92782406010	**BOW-GWC-49Z**	SM 2320B-2011	920554		
92782406011	**BOW-LF9-10-FD-09**	SM 2320B-2011	920554		
92782406012	**BOW-LF9-10-FD-08**	SM 2320B-2011	920888		
92782406013	**BOW-LF9-10-FB-09**	SM 2320B-2011	920554		
92782406014	**BOW-LF9-10-EB-09**	SM 2320B-2011	920554		
92782406015	**BOW-GWA-39Z**	SM 2320B-2011	920107		
92782406016	**BOW-GWA-40**	SM 2320B-2011	920107		
92782406017	**BOW-GWA-41**	SM 2320B-2011	920107		
92782406018	**BOW-GWA-41R**	SM 2320B-2011	920107		
92782406019	**BOW-GWA-42**	SM 2320B-2011	920107		
92782406020	**BOW-GWA-43**	SM 2320B-2011	920107		
92782406021	**BOW-GWA-43R**	SM 2320B-2011	920108		
92782406022	**BOW-LF9-10-FB-08**	SM 2320B-2011	920108		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92782406023	**BOW-LF9-10-EB-08**	SM 2320B-2011	920108		
92782406001	**BOW-GWA-39RZ**	SM 2540C-2015	919959		
92782406002	**BOW-GWC-44**	SM 2540C-2015	919959		
92782406003	**BOW-GWC-45**	SM 2540C-2015	919959		
92782406004	**BOW-GWC-45R**	SM 2540C-2015	919959		
92782406005	**BOW-GWC-46R**	SM 2540C-2015	919962		
92782406006	**BOW-GWC-47**	SM 2540C-2015	919962		
92782406007	**BOW-GWC-47R**	SM 2540C-2015	919962		
92782406008	**BOW-GWC-48**	SM 2540C-2015	919962		
92782406009	**BOW-GWC-49R**	SM 2540C-2015	919962		
92782406010	**BOW-GWC-49Z**	SM 2540C-2015	919962		
92782406011	**BOW-LF9-10-FD-09**	SM 2540C-2015	919962		
92782406012	**BOW-LF9-10-FD-08**	SM 2540C-2015	919962		
92782406013	**BOW-LF9-10-FB-09**	SM 2540C-2015	919962		
92782406014	**BOW-LF9-10-EB-09**	SM 2540C-2015	919962		
92782406015	**BOW-GWA-39Z**	SM 2540C-2015	919711		
92782406016	**BOW-GWA-40**	SM 2540C-2015	919711		
92782406017	**BOW-GWA-41**	SM 2540C-2015	919711		
92782406018	**BOW-GWA-41R**	SM 2540C-2015	919711		
92782406019	**BOW-GWA-42**	SM 2540C-2015	919711		
92782406020	**BOW-GWA-43**	SM 2540C-2015	919711		
92782406021	**BOW-GWA-43R**	SM 2540C-2015	919711		
92782406022	**BOW-LF9-10-FB-08**	SM 2540C-2015	919711		
92782406023	**BOW-LF9-10-EB-08**	SM 2540C-2015	919711		
92782406001	**BOW-GWA-39RZ**	EPA 300.0 Rev 2.1 1993	919660		
92782406002	**BOW-GWC-44**	EPA 300.0 Rev 2.1 1993	919660		
92782406003	**BOW-GWC-45**	EPA 300.0 Rev 2.1 1993	919660		
92782406004	**BOW-GWC-45R**	EPA 300.0 Rev 2.1 1993	919660		
92782406005	**BOW-GWC-46R**	EPA 300.0 Rev 2.1 1993	919660		
92782406006	**BOW-GWC-47**	EPA 300.0 Rev 2.1 1993	919660		
92782406007	**BOW-GWC-47R**	EPA 300.0 Rev 2.1 1993	919660		
92782406008	**BOW-GWC-48**	EPA 300.0 Rev 2.1 1993	919660		
92782406009	**BOW-GWC-49R**	EPA 300.0 Rev 2.1 1993	919660		
92782406010	**BOW-GWC-49Z**	EPA 300.0 Rev 2.1 1993	919660		
92782406011	**BOW-LF9-10-FD-09**	EPA 300.0 Rev 2.1 1993	919660		
92782406012	**BOW-LF9-10-FD-08**	EPA 300.0 Rev 2.1 1993	919664		
92782406013	**BOW-LF9-10-FB-09**	EPA 300.0 Rev 2.1 1993	919664		
92782406014	**BOW-LF9-10-EB-09**	EPA 300.0 Rev 2.1 1993	919664		
92782406015	**BOW-GWA-39Z**	EPA 300.0 Rev 2.1 1993	919664		
92782406016	**BOW-GWA-40**	EPA 300.0 Rev 2.1 1993	919664		
92782406017	**BOW-GWA-41**	EPA 300.0 Rev 2.1 1993	919664		
92782406018	**BOW-GWA-41R**	EPA 300.0 Rev 2.1 1993	919664		
92782406019	**BOW-GWA-42**	EPA 300.0 Rev 2.1 1993	919664		
92782406020	**BOW-GWA-43**	EPA 300.0 Rev 2.1 1993	919664		
92782406021	**BOW-GWA-43R**	EPA 300.0 Rev 2.1 1993	919664		
92782406022	**BOW-LF9-10-FB-08**	EPA 300.0 Rev 2.1 1993	919664		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bowen LF Cells 9&10
Pace Project No.: 92782406

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92782406023	**BOW-LF9-10-EB-08**	EPA 300.0 Rev 2.1 1993	919664		
92782406001	**BOW-GWA-39RZ**	EPA 3005A	923198	EPA 6020B	924128
92782406002	**BOW-GWC-44**	EPA 3005A	923198	EPA 6020B	924128
92782406003	**BOW-GWC-45**	EPA 3005A	923198	EPA 6020B	924128
92782406004	**BOW-GWC-45R**	EPA 3005A	923198	EPA 6020B	924128
92782406005	**BOW-GWC-46R**	EPA 3005A	923198	EPA 6020B	924128
92782406006	**BOW-GWC-47**	EPA 3005A	923198	EPA 6020B	924128
92782406007	**BOW-GWC-47R**	EPA 3005A	923198	EPA 6020B	924128
92782406008	**BOW-GWC-48**	EPA 3005A	923198	EPA 6020B	924128
92782406009	**BOW-GWC-49R**	EPA 3005A	923198	EPA 6020B	924128
92782406010	**BOW-GWC-49Z**	EPA 3005A	923198	EPA 6020B	924128
92782406011	**BOW-LF9-10-FD-09**	EPA 3005A	923198	EPA 6020B	924128
92782406012	**BOW-LF9-10-FD-08**	EPA 3005A	923198	EPA 6020B	924128
92782406013	**BOW-LF9-10-FB-09**	EPA 3005A	923198	EPA 6020B	924128
92782406014	**BOW-LF9-10-EB-09**	EPA 3005A	923198	EPA 6020B	924128
92782406015	**BOW-GWA-39Z**	EPA 3005A	923198	EPA 6020B	924128
92782406016	**BOW-GWA-40**	EPA 3005A	923198	EPA 6020B	924128
92782406017	**BOW-GWA-41**	EPA 3005A	923198	EPA 6020B	924128
92782406018	**BOW-GWA-41R**	EPA 3005A	923198	EPA 6020B	924128
92782406019	**BOW-GWA-42**	EPA 3005A	923198	EPA 6020B	924128
92782406020	**BOW-GWA-43**	EPA 3005A	923198	EPA 6020B	924128
92782406021	**BOW-GWA-43R**	EPA 3005A	923431	EPA 6020B	924138
92782406022	**BOW-LF9-10-FB-08**	EPA 3005A	923431	EPA 6020B	924138
92782406023	**BOW-LF9-10-EB-08**	EPA 3005A	923431	EPA 6020B	924138

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DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

WO# : 92782406

92782406

Client Name: GA Power

Project #:

Courier: ☐ Commercial ☐ Fed Ex ☐ UPS ☐ USPS ☑ Pace ☐ Other:___ ☐ Client

Custody Seal Present? ☑ Yes ☐ No Seals Intact? ☑ Yes ☐ No ☐ N/A

Date/Initials Person Examining Contents: 4/25/24 DM

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☐ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 4.0 Correction Factor: Add/Subtract (°C) 0

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 4.0

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☑ No	☐ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WG				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

Page 1 of 2

DC#_Title: ENV-FRM-HUN

Effective Date: 05/24/2024

WO#: 92782406

PM: BV Due Date: 03/17/25

CLIENT: 92-GP-BOWLF

Project #

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles
***Check all unpreserved Nitrates for chlorine

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client GAPowell Profile/EZ (Circle one) Notes

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG9A-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VGST-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																														
1		2	1				2																							
2		2	1				2																							
3		2	1				2																							
4		2	1				2																							
5		2	1				2																							
6		2	1				2																							
7		2	1				2																							
8		2	1				2																							
9		2	1				2																							
10		2	1				2																							
11		2	1				2																							
12		2	1				2																							

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Qualtrax ID: 69614

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles
***Check all unpreserved Nitrates for chlorine

Project #

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client GA Power Profile/EZ (Circle one) Notes

Item #	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	VGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG9-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSCU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																													
1		2	1				2																						
2		2	1				2																						
3		2	1				2																						
4		2	1				2																						
5		2	1				2																						
6		2	1				2																						
7		2	1				2																						
8		2	1				2																						
9		2	1				2																						
10		2	1				2																						
11		2	1				2																						
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace® Location Requested (City/State):
Pace Analytical- Charlotte
9800 Kincey Ave., Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

92782406

Scan QR Code for instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noella Gangi
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 9&10	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPC82474-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable. Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
	Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F^-, SO_4^{2-}, Cl	App. Metals III/III + State Metals	Sample Comment
BOW-GWA-39RZ	WG	G			2/26/25	1338	5			X	X	X	X	001
BOW-GWA-39Z	WG	G					5			X	X	X	X	
BOW-GWA-40	WG	G					5			X	X	X	X	
BOW-GWA-41	WG	G					5			X	X	X	X	
BOW-GWA-41R	WG	G					5			X	X	X	X	
BOW-GWA-42	WG	G					5			X	X	X	X	
BOW-GWA-43	WG	G					5			X	X	X	X	
BOW-GWA-43R	WG	G					5			X	X	X	X	
BOW-GWC-44	WG	G			2/26/25	1025	5			X	X	X	X	002
BOW-GWC-45	WG	G			2/26/25	1348	5			X	X	X	X	003

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 80mL, (10) Other

*** Preservative Types: (1) None, (2) HNO_3, (3) H_2SO_4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) $NaHSO_4$, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab use Only

Proj. Mgr: Bonnie Vang

Acct Num / Client ID:

Table #:

Profile / Template: 16492

Prelog / Bottle Ord. ID: EZ 3225303

Preservation non-conformance identified for sample

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App IIB: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name

Signature

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
EnSafe	2/28/25 1017	William Williams / Pace	2/28/25 1017	
William Williams / Pace	2/28/25 1540		2/28/25 1540	Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 3

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Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave. Suite 200, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

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Scan QR Code for instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gang
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 9&10	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPC82474-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
	Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab use Only: Proj. Mgr: Bonnie Vang; Acct Num / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: EZ 3225303

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F, SO4, Cl	App. Metals (dil/fil) + State Metals	Sample Comment	Preservation non conformance identified for sample
BOW-GWC-45R	WG	G			2/26/25	1227	5			X	X	X	X	004	
BOW-GWC-46R	WG	G			2/26/25	1119	5			X	X	X	X	005	
BOW-GWC-47	WG	G			2/26/25	1340	5			X	X	X	X	006	
BOW-GWC-47R	WG	G			2/26/25	1600	5			X	X	X	X	007	
BOW-GWC-48	WG	G			2/26/25	1525	5			X	X	X	X	008	
BOW-GWC-49R	WG	G			2/26/25	1110	5			X	X	X	X	009	
BOW-GWC-49Z	WG	G			2/26/25	1305	5			X	X	X	X	010	
BOW-LF9-10-FD-09	WG	G			2/26/25	—	5			X	X	X	X	011	
BOW-LF9-10-FD-08	WG	G			2/26/25	—	5			X	X	X	X	012	
BOW-LF9-10-FB-09	WQ	G			2/26/25	1536	5			X	X	X	X	013	

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App IV: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Lasker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name / Signature

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
[signature] EnSafe	2/28/25 1017	Lynn Williams / Pace	2/28/25 1017	
Lynn Williams / Pace	2/28/25 1540	[signature]	2/28/25 1540	Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 3

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ENV-FRM-CORQ-0019_v02_110123 ©

Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave, Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

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LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen

Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308

Customer Project #:

Project Name: Bowen LF Cells 9&10

Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko, John Mocko

Phone #: (470) 217-0008

E-Mail: knjurink@southernco.com

Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noella Gangl

Invoice to: Account Payable

Invoice E-mail: georgiapowerinvoices@southernco.com

Purchase Order # (if applicable): GPC82474-0006

Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Specify Container Size**: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F-, SO4 2-, Cl-	App. Metals III/III + State Metals	Sample Comment
BOW-LF9-10-EB-09	WQ	G			2/26/25	1549	5			X	X	X	X	014

Lab Use Only: Proj. Mgr: Bonnie Vang; Accnum / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: EZ 3225303

Preservation non-conformance identified for sample:

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App IIB: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App IIB: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Lasker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name / Signature

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
	2/28/25 1017	Pace	2/28/25 1017	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Pace	2/28/25 1540		2/28/25 1540	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 3 of 3

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Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 200, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

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LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gangi
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 9&10	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPC82474-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other ____ Date Results Requested:
	DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F, SO4, Cl	App. Metals I/II/III + State Metals	Sample Comment	Preservation non-conformance identified for sample
BOW-GWA-39RZ	WG	G					5			X	X	X	X		
BOW-GWA-39Z	WG	G			2/25/25	1558	5			X	X	X	X	015	
BOW-GWA-40	WG	G			2/25/25	1512	5			X	X	X	X	016	
BOW-GWA-41	WG	G			2/25/25	1247	5			X	X	X	X	017	
BOW-GWA-41R	WG	G			2/25/25	1058	5			X	X	X	X	018	
BOW-GWA-42	WG	G			2/25/25	1615	5			X	X	X	X	019	
BOW-GWA-43	WG	G			2/25/25	1432	5			X	X	X	X	020	
BOW-GWA-43R	WG	G			2/25/25	1333	5			X	X	X	X	021	
BOW-GWC-44	WG	G					5			X	X	X	X		
BOW-GWC-45	WG	G					5			X	X	X	X		

Specify Container Size **: 3 2 3 3
Identify Container Preservative Type***: 1 1 1 2
Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 50mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only:
Proj. Mgr: Bonnie Vang
Acct.Num / Client ID:
Table #:
Profile / Template: 16492
Prelog / Bottle Ord. ID: EZ 3225303

Additional Instructions from Pace® :
Task Code: BOW-CCR-ASSMT-2025S1
App I/II: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Siewert, Natalie Pisaro, Sawyer Kovacs, Kyle Rhyne
Printed Name
Signature
ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C): Corrected Temp (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time: 2/28/25 1017	Received by/Company: (Signature)	Date/Time: 2/28/25 1017
Relinquished by/Company: (Signature)	Date/Time: 2/28/25 1540	Received by/Company: (Signature)	Date/Time: 2/28/25 1540
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 3

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Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave, Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

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Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gang
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 9&10	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPC82474-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
	Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F-, SO4-2, Cl-	App. Metals III/IIII + State Metals	Sample Comment	Preservation non-conformance dentified (for sample)
BOW-GWC-45R	WG	G					5			X	X	X	X		
BOW-GWC-46R	WG	G					5			X	X	X	X		
BOW-GWC-47	WG	G					5			X	X	X	X		
BOW-GWC-47R	WG	G					5			X	X	X	X		
BOW-GWC-48	WG	G					5			X	X	X	X		
BOW-GWC-49R	WG	G					5			X	X	X	X		
BOW-GWC-49Z	WG	G					5			X	X	X	X		
BOW-LF9-10-FD-	WG	G					5			X	X	X	X		
BOW-LF9-10-FD-	WG	G					5			X	X	X	X		
BOW-LF9-10-FB- 08	WG	G			2/25/25	1704	5			X	X	X	X	022	

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: EZ 3225303

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App IIIB: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App IIIB: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Lasker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name

Signature: Kyle Rhyne

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C): Corrected Temp (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
[illegible] Smith EnSafe	2/28/25 1017	Ryan W. Flinn / Pace	2/24/25 1017	
Ryan W. Flinn / Pace	3/28/25 1540	[signature]	2/28/25 1540	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 3

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308
Customer Project #:
Project Name: Bowen LF Cells 9&10
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko, John Mocko
Phone #: (470) 217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gangi
Invoice to: Account Payable
Invoice E-mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0006
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
Date Results Requested:
DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Bioscild (BS), Other (OT)

Specify Container Size **: 3 2 3 3
Identify Container Preservative Type***: 1 1 1 2
Analysis Requested: 2320B Alkalinity; 2540C Total Dissolved Solids; 300.0 - F-, SO4-2, Cl-; App. Metals III/III + State Metals

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other
*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: EZ 3225303

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	Sample Comment	Preservation non-conformance identified for sample
BOW-LF9-10-EB- 08	WQ	G			2/25/25	1720	5			023	

Additional Instructions from Pace®:
Task Code: BOW-CCR-ASSMT-2025S1
App IB: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Lanker, Jay Siewert, Natalie Pizarro, Sawyer Kovacs, Kyle Rhyne
Printed Name
Signature
ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Easop	2/28/25 1017	Pace	2/28/25 1017
Pace	2/28/25 1540		2/28/25 1540

Tracking Number:
Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

March 28, 2025

Kristen Jurinko
Southern Company
241 Ralph McGill Blvd
NE, Bin 10160
Atlanta, GA 30308

RE: Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory between February 28, 2025 and March 07, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - West Columbia

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
704-977-0968
Project Manager

Enclosures

cc: Carole Lieu, Stantec
Laura Midkiff, Southern Co.
John Mocko, Stantec
Katie Ross, Stantec
Edgar Smith, Stantec
Andrew Stevens, Stantec

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CERTIFICATIONS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Laboratory ID: 99030
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

Pace Analytical Services West Columbia

106 Vantage Point Drive, West Columbia, SC 29172
Alaska Dept. of Energy Conservation, Cert# 20-002
California ELAP, cert# 3049
DoD, DoD QSM V5.4, cert# I.2224
DOE, DoD/DOE QSM V5.4, cert# I.2224.01
Florida, Dept. of Health, cert# E87653-70
Georgia, Env. Protection Division, cert# E87653
Illinois, EPA NELAP, cert# 2000552024-9
Kansas, Dept. of Health and Environment, cert# E-10417
Kentucky, Dept. for Env. Protection, UST, cert# 103582
Kentucky, Dept. for Env. Protection, cert# 98037
Louisiana, Dept. of Environmental Quality, cert# 5125
North Carolina, DEQ, Water Resources, cert# 329
New Jersey, Dept. of Env. Protection, cert# NLC 240005
Oklahoma, Dept. of Env. Quality, cert# 2023-175
Oregon, ELAP, cert# 4181-006
Pennsylvania, Dept. of Env. Protection, cert# 003
South Carolina, Dept. of Env. Services, cert# 32010001
Texas, Commission on Env. Quality, cert# TX-C24-00083
Virginia, Dept. of General Services, cert# 13080
Wisconsin, Dept. of Natural Resources, cert# 399136100

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SAMPLE SUMMARY

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92782410001	**BOW-GWA-1**	Water	02/27/25 12:47	02/28/25 15:40
92782410002	**BOW-GWA-2**	Water	02/27/25 14:50	02/28/25 15:40
92782410003	**BOW-GWA-2R**	Water	02/27/25 11:08	02/28/25 15:40
92782410004	**BOW-GWA-50**	Water	02/27/25 15:44	02/28/25 15:40
92782410005	**BOW-GWC-5**	Water	02/27/25 12:00	02/28/25 15:40
92782410006	**BOW-GWC-6**	Water	02/27/25 13:45	02/28/25 15:40
92782410007	**BOW-GWC-6RZ**	Water	02/27/25 15:00	02/28/25 15:40
92782410008	**BOW-GWC-7Z**	Water	02/27/25 15:43	02/28/25 15:40
92782410009	**BOW-LF1-2-FD-11**	Water	02/27/25 00:00	02/28/25 15:40
92782410010	**BOW-LF1-2-FB-11**	Water	02/27/25 16:20	02/28/25 15:40
92782410011	**BOW-LF1-2-EB-11**	Water	02/27/25 16:15	02/28/25 15:40
92782410012	**BOW-GWA-3A**	Water	02/26/25 15:44	02/28/25 15:40
92782410013	**BOW-LF1-2-FD-10**	Water	02/26/25 00:00	02/28/25 15:40
92782410014	**BOW-LF1-2-FB-10**	Water	02/26/25 16:23	02/28/25 15:40
92782410015	**BOW-LF1-2-EB-10**	Water	02/26/25 16:16	02/28/25 15:40
92782410016	**BOW-GWA-4RZ**	Water	02/28/25 09:53	03/04/25 13:50
92782410017	**BOW-GWA-50R**	Water	02/28/25 11:24	03/04/25 13:50
92782410018	**BOW-GWC-8Z**	Water	02/28/25 11:30	03/04/25 13:50
92782410019	**BOW-GWC-9**	Water	02/28/25 11:41	03/04/25 13:50
92782410020	**BOW-GWC-10**	Water	02/28/25 11:50	03/04/25 13:50
92782410021	**BOW-GWC-10R**	Water	03/03/25 12:32	03/04/25 13:50
92782410022	**BOW-GWC-11R**	Water	03/03/25 15:35	03/04/25 13:50
92782410023	**BOW-GWC-13**	Water	03/03/25 15:48	03/04/25 13:50
92782410024	**BOW-GWC-14Z**	Water	03/03/25 14:22	03/04/25 13:50
92782410025	**BOW-GWC-15R**	Water	03/03/25 12:34	03/04/25 13:50
92782410026	**BOW-GWC-15Z**	Water	03/03/25 10:44	03/04/25 13:50
92782410027	**BOW-GWC-8RR**	Water	03/04/25 10:15	03/07/25 13:25
92782410028	**BOW-GWC-11**	Water	03/04/25 13:00	03/07/25 13:25
92782410029	**BOW-GWC-12**	Water	03/04/25 13:50	03/07/25 13:25
92782410030	**BOW-GWC-13RZ**	Water	03/04/25 10:27	03/07/25 13:25
92782410031	**BOW-LF1-2-FD-12**	Water	03/04/25 00:00	03/07/25 13:25
92782410032	**BOW-LF1-2-FB-12**	Water	03/04/25 14:07	03/07/25 13:25
92782410033	**BOW-LF1-2-EB-12**	Water	03/04/25 14:17	03/07/25 13:25

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

SAMPLE ANALYTE COUNT

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92782410001	**BOW-GWA-1**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410002	**BOW-GWA-2**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410003	**BOW-GWA-2R**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410004	**BOW-GWA-50**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410005	**BOW-GWC-5**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410006	**BOW-GWC-6**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410007	**BOW-GWC-6RZ**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410008	**BOW-GWC-7Z**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3

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SAMPLE ANALYTE COUNT

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410009	**BOW-LF1-2-FD-11**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410010	**BOW-LF1-2-FB-11**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410011	**BOW-LF1-2-EB-11**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410012	**BOW-GWA-3A**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410013	**BOW-LF1-2-FD-10**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410014	**BOW-LF1-2-FB-10**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410015	**BOW-LF1-2-EB-10**	EPA 7470A	MAB2	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 6020B	BK1	22
92782410016	**BOW-GWA-4RZ**	EPA 7470A	TMM	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410017	**BOW-GWA-50R**	EPA 7470A	TMM	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410018	**BOW-GWC-8Z**	EPA 7470A	TMM	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410019	**BOW-GWC-9**	EPA 7470A	TMM	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410020	**BOW-GWC-10**	EPA 7470A	TMM	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1	22
92782410021	**BOW-GWC-10R**	EPA 7470A	TMM	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	22
92782410022	**BOW-GWC-11R**	EPA 7470A	TMM	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	22
92782410023	**BOW-GWC-13**	EPA 7470A	TMM	1

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	22
92782410024	**BOW-GWC-14Z**	EPA 7470A	TMM	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	22
92782410025	**BOW-GWC-15R**	EPA 7470A	TMM	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	22
92782410026	**BOW-GWC-15Z**	EPA 7470A	TMM	1
		SM 2320B-2011	YEG	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	22
92782410027	**BOW-GWC-8RR**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	22
		EPA 7470A	KJW	1
92782410028	**BOW-GWC-11**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	22
		EPA 7470A	KJW	1
92782410029	**BOW-GWC-12**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	22
		EPA 7470A	KJW	1
92782410030	**BOW-GWC-13RZ**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3

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SAMPLE ANALYTE COUNT

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 6020B	BW	22
		EPA 7470A	KJW	1
92782410031	**BOW-LF1-2-FD-12**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	22
		EPA 7470A	KJW	1
92782410032	**BOW-LF1-2-FB-12**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	22
		EPA 7470A	KJW	1
92782410033	**BOW-LF1-2-EB-12**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BW	22
		EPA 7470A	KJW	1

PASI-A = Pace Analytical Services - Asheville
PASI-WC = Pace Analytical Services - West Columbia

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92782410001	**BOW-GWA-1**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	157	mg/L	5.0	03/06/25 21:59	
SM 2320B-2011	Alkalinity, Total as CaCO3	157	mg/L	5.0	03/06/25 21:59	
SM 2540C-2015	Total Dissolved Solids	142	mg/L	25.0	03/06/25 13:36	
EPA 300.0 Rev 2.1 1993	Chloride	0.93J	mg/L	1.0	03/04/25 10:40	
EPA 300.0 Rev 2.1 1993	Fluoride	0.075J	mg/L	0.10	03/04/25 10:40	
EPA 300.0 Rev 2.1 1993	Sulfate	0.88J	mg/L	1.0	03/04/25 10:40	
EPA 6020B	Antimony	0.00062J	mg/L	0.0030	03/21/25 19:07	
EPA 6020B	Barium	0.017	mg/L	0.0050	03/21/25 19:07	
EPA 6020B	Calcium	33.4	mg/L	10.0	03/24/25 14:15	
EPA 6020B	Iron	0.050	mg/L	0.040	03/21/25 19:07	
EPA 6020B	Magnesium	16.6	mg/L	0.050	03/21/25 19:07	
EPA 6020B	Manganese	0.033J	mg/L	0.040	03/21/25 19:07	
EPA 6020B	Potassium	1.2	mg/L	0.50	03/21/25 19:07	
EPA 6020B	Sodium	3.9	mg/L	1.0	03/21/25 19:07	
92782410002	**BOW-GWA-2**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	81.3	mg/L	5.0	03/06/25 22:17	
SM 2320B-2011	Alkalinity, Total as CaCO3	81.3	mg/L	5.0	03/06/25 22:17	
SM 2540C-2015	Total Dissolved Solids	211	mg/L	25.0	03/06/25 13:36	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	03/04/25 10:55	
EPA 300.0 Rev 2.1 1993	Fluoride	0.076J	mg/L	0.10	03/04/25 10:55	
EPA 300.0 Rev 2.1 1993	Sulfate	74.4	mg/L	1.0	03/04/25 10:55	
EPA 6020B	Barium	0.024	mg/L	0.0050	03/21/25 19:16	
EPA 6020B	Calcium	41.7	mg/L	10.0	03/24/25 14:24	M1
EPA 6020B	Iron	0.025J	mg/L	0.040	03/21/25 19:16	
EPA 6020B	Magnesium	13.9	mg/L	0.050	03/21/25 19:16	M1
EPA 6020B	Manganese	0.0069J	mg/L	0.040	03/21/25 19:16	
EPA 6020B	Potassium	0.88	mg/L	0.50	03/21/25 19:16	
EPA 6020B	Sodium	1.5	mg/L	1.0	03/21/25 19:16	
92782410003	**BOW-GWA-2R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	151	mg/L	5.0	03/06/25 22:24	
SM 2320B-2011	Alkalinity, Total as CaCO3	151	mg/L	5.0	03/06/25 22:24	
SM 2540C-2015	Total Dissolved Solids	231	mg/L	25.0	03/06/25 13:36	
EPA 300.0 Rev 2.1 1993	Chloride	3.2	mg/L	1.0	03/04/25 11:10	
EPA 300.0 Rev 2.1 1993	Fluoride	0.095J	mg/L	0.10	03/04/25 11:10	
EPA 300.0 Rev 2.1 1993	Sulfate	41.5	mg/L	1.0	03/04/25 11:10	
EPA 6020B	Antimony	0.0042	mg/L	0.0030	03/21/25 20:02	
EPA 6020B	Barium	0.028	mg/L	0.0050	03/21/25 20:02	
EPA 6020B	Boron	0.021J	mg/L	0.040	03/21/25 20:02	
EPA 6020B	Calcium	66.7	mg/L	10.0	03/24/25 15:10	
EPA 6020B	Magnesium	7.8	mg/L	0.050	03/21/25 20:02	
EPA 6020B	Potassium	0.78	mg/L	0.50	03/21/25 20:02	
EPA 6020B	Sodium	2.4	mg/L	1.0	03/21/25 20:02	
92782410004	**BOW-GWA-50**					
SM 2540C-2015	Total Dissolved Solids	32.0	mg/L	25.0	03/06/25 13:36	
EPA 300.0 Rev 2.1 1993	Chloride	0.76J	mg/L	1.0	03/04/25 11:25	
EPA 6020B	Barium	0.0074	mg/L	0.0050	03/21/25 20:11	

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SUMMARY OF DETECTION

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92782410004	**BOW-GWA-50**					
EPA 6020B	Calcium	1.4	mg/L	1.0	03/21/25 20:11	
EPA 6020B	Copper	0.0017J	mg/L	0.0050	03/21/25 20:11	
EPA 6020B	Magnesium	0.34	mg/L	0.050	03/21/25 20:11	
EPA 6020B	Manganese	0.0026J	mg/L	0.040	03/21/25 20:11	
EPA 6020B	Potassium	0.31J	mg/L	0.50	03/21/25 20:11	
EPA 6020B	Silver	0.00061J	mg/L	0.0050	03/21/25 20:11	
EPA 6020B	Sodium	1.3	mg/L	1.0	03/21/25 20:11	
92782410005	**BOW-GWC-5**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	10.5	mg/L	5.0	03/06/25 22:37	
SM 2320B-2011	Alkalinity, Total as CaCO3	10.5	mg/L	5.0	03/06/25 22:37	
SM 2540C-2015	Total Dissolved Solids	27.0	mg/L	25.0	03/06/25 13:36	
EPA 300.0 Rev 2.1 1993	Fluoride	0.050J	mg/L	0.10	03/04/25 11:40	
EPA 300.0 Rev 2.1 1993	Sulfate	0.74J	mg/L	1.0	03/04/25 11:40	
EPA 6020B	Barium	0.013	mg/L	0.0050	03/21/25 20:38	
EPA 6020B	Beryllium	0.00053	mg/L	0.00050	03/21/25 20:38	
EPA 6020B	Calcium	3.6	mg/L	1.0	03/21/25 20:38	
EPA 6020B	Copper	0.016	mg/L	0.0050	03/21/25 20:38	
EPA 6020B	Magnesium	0.29	mg/L	0.050	03/21/25 20:38	
EPA 6020B	Manganese	0.019J	mg/L	0.040	03/21/25 20:38	
EPA 6020B	Nickel	0.0093	mg/L	0.0050	03/21/25 20:38	
EPA 6020B	Potassium	1.4	mg/L	0.50	03/21/25 20:38	
EPA 6020B	Sodium	1.1	mg/L	1.0	03/21/25 20:38	
EPA 6020B	Zinc	0.022	mg/L	0.020	03/21/25 20:38	
92782410006	**BOW-GWC-6**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	66.5	mg/L	5.0	03/06/25 22:42	
SM 2320B-2011	Alkalinity, Total as CaCO3	66.5	mg/L	5.0	03/06/25 22:42	
SM 2540C-2015	Total Dissolved Solids	64.0	mg/L	25.0	03/06/25 13:37	
EPA 300.0 Rev 2.1 1993	Chloride	0.95J	mg/L	1.0	03/04/25 12:24	
EPA 300.0 Rev 2.1 1993	Fluoride	0.052J	mg/L	0.10	03/04/25 12:24	
EPA 300.0 Rev 2.1 1993	Sulfate	1.4	mg/L	1.0	03/04/25 12:24	
EPA 6020B	Barium	0.0066	mg/L	0.0050	03/21/25 20:47	
EPA 6020B	Calcium	15.4	mg/L	1.0	03/21/25 20:47	
EPA 6020B	Chromium	0.0030J	mg/L	0.0050	03/21/25 20:47	
EPA 6020B	Iron	0.036J	mg/L	0.040	03/21/25 20:47	
EPA 6020B	Magnesium	8.0	mg/L	0.050	03/21/25 20:47	
EPA 6020B	Manganese	0.0035J	mg/L	0.040	03/21/25 20:47	
EPA 6020B	Potassium	1.1	mg/L	0.50	03/21/25 20:47	
EPA 6020B	Sodium	0.83J	mg/L	1.0	03/21/25 20:47	
92782410007	**BOW-GWC-6RZ**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	44.2	mg/L	5.0	03/06/25 22:48	
SM 2320B-2011	Alkalinity, Total as CaCO3	44.2	mg/L	5.0	03/06/25 22:48	
SM 2540C-2015	Total Dissolved Solids	52.0	mg/L	25.0	03/06/25 13:37	
EPA 300.0 Rev 2.1 1993	Chloride	1.1	mg/L	1.0	03/04/25 12:39	
EPA 300.0 Rev 2.1 1993	Fluoride	0.057J	mg/L	0.10	03/04/25 12:39	
EPA 300.0 Rev 2.1 1993	Sulfate	1.1	mg/L	1.0	03/04/25 12:39	
EPA 6020B	Barium	0.0068	mg/L	0.0050	03/21/25 20:56	

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SUMMARY OF DETECTION

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92782410007	**BOW-GWC-6RZ**					
EPA 6020B	Calcium	9.8	mg/L	1.0	03/21/25 20:56	
EPA 6020B	Chromium	0.0026J	mg/L	0.0050	03/21/25 20:56	
EPA 6020B	Iron	0.019J	mg/L	0.040	03/21/25 20:56	
EPA 6020B	Magnesium	5.5	mg/L	0.050	03/21/25 20:56	
EPA 6020B	Manganese	0.0014J	mg/L	0.040	03/21/25 20:56	
EPA 6020B	Potassium	0.91	mg/L	0.50	03/21/25 20:56	
EPA 6020B	Sodium	1.4	mg/L	1.0	03/21/25 20:56	
92782410008	**BOW-GWC-7Z**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	117	mg/L	5.0	03/06/25 22:54	
SM 2320B-2011	Alkalinity, Total as CaCO3	117	mg/L	5.0	03/06/25 22:54	
SM 2540C-2015	Total Dissolved Solids	107	mg/L	25.0	03/06/25 13:37	
EPA 300.0 Rev 2.1 1993	Chloride	0.62J	mg/L	1.0	03/04/25 12:54	
EPA 300.0 Rev 2.1 1993	Fluoride	0.062J	mg/L	0.10	03/04/25 12:54	
EPA 300.0 Rev 2.1 1993	Sulfate	0.69J	mg/L	1.0	03/04/25 12:54	
EPA 6020B	Antimony	0.00071J	mg/L	0.0030	03/21/25 21:05	
EPA 6020B	Barium	0.010	mg/L	0.0050	03/21/25 21:05	
EPA 6020B	Calcium	24.3	mg/L	1.0	03/21/25 21:05	
EPA 6020B	Iron	0.14	mg/L	0.040	03/21/25 21:05	
EPA 6020B	Magnesium	13.3	mg/L	0.050	03/21/25 21:05	
EPA 6020B	Manganese	0.027J	mg/L	0.040	03/21/25 21:05	
EPA 6020B	Potassium	0.92	mg/L	0.50	03/21/25 21:05	
EPA 6020B	Sodium	1.4	mg/L	1.0	03/21/25 21:05	
92782410009	**BOW-LF1-2-FD-11**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	149	mg/L	5.0	03/08/25 17:17	
SM 2320B-2011	Alkalinity, Total as CaCO3	149	mg/L	5.0	03/08/25 17:17	
SM 2540C-2015	Total Dissolved Solids	224	mg/L	25.0	03/06/25 13:37	
EPA 300.0 Rev 2.1 1993	Chloride	3.2	mg/L	1.0	03/04/25 00:58	
EPA 300.0 Rev 2.1 1993	Fluoride	0.056J	mg/L	0.10	03/04/25 00:58	
EPA 300.0 Rev 2.1 1993	Sulfate	39.5	mg/L	1.0	03/04/25 00:58	
EPA 6020B	Antimony	0.0038	mg/L	0.0030	03/21/25 21:14	
EPA 6020B	Barium	0.027	mg/L	0.0050	03/21/25 21:14	
EPA 6020B	Boron	0.020J	mg/L	0.040	03/21/25 21:14	
EPA 6020B	Calcium	63.2	mg/L	10.0	03/24/25 15:19	
EPA 6020B	Magnesium	7.9	mg/L	0.050	03/21/25 21:14	
EPA 6020B	Potassium	0.76	mg/L	0.50	03/21/25 21:14	
EPA 6020B	Sodium	2.3	mg/L	1.0	03/21/25 21:14	
92782410012	**BOW-GWA-3A**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	96.8	mg/L	5.0	03/06/25 19:28	
SM 2320B-2011	Alkalinity, Total as CaCO3	96.8	mg/L	5.0	03/06/25 19:28	
SM 2540C-2015	Total Dissolved Solids	121	mg/L	25.0	03/05/25 12:23	
EPA 300.0 Rev 2.1 1993	Chloride	9.3	mg/L	1.0	03/04/25 01:43	
EPA 300.0 Rev 2.1 1993	Sulfate	1.7	mg/L	1.0	03/04/25 01:43	
EPA 6020B	Barium	0.0075	mg/L	0.0050	03/21/25 21:41	
EPA 6020B	Calcium	19.9	mg/L	1.0	03/21/25 21:41	
EPA 6020B	Magnesium	12.6	mg/L	0.050	03/21/25 21:41	
EPA 6020B	Potassium	1.4	mg/L	0.50	03/21/25 21:41	

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SUMMARY OF DETECTION

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92782410012	**BOW-GWA-3A**					
EPA 6020B	Sodium	4.9	mg/L	1.0	03/21/25 21:41	
92782410013	**BOW-LF1-2-FD-10**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	99.0	mg/L	5.0	03/06/25 19:36	
SM 2320B-2011	Alkalinity, Total as CaCO3	99.0	mg/L	5.0	03/06/25 19:36	
SM 2540C-2015	Total Dissolved Solids	109	mg/L	25.0	03/05/25 12:23	
EPA 300.0 Rev 2.1 1993	Chloride	9.3	mg/L	1.0	03/04/25 01:58	
EPA 300.0 Rev 2.1 1993	Sulfate	1.7	mg/L	1.0	03/04/25 01:58	
EPA 6020B	Barium	0.0075	mg/L	0.0050	03/21/25 21:50	
EPA 6020B	Calcium	22.5	mg/L	1.0	03/21/25 21:50	
EPA 6020B	Magnesium	12.5	mg/L	0.050	03/21/25 21:50	
EPA 6020B	Potassium	1.4	mg/L	0.50	03/21/25 21:50	
EPA 6020B	Sodium	4.9	mg/L	1.0	03/21/25 21:50	
92782410016	**BOW-GWA-4RZ**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	247	mg/L	5.0	03/08/25 17:34	
SM 2320B-2011	Alkalinity, Total as CaCO3	247	mg/L	5.0	03/08/25 17:34	
SM 2540C-2015	Total Dissolved Solids	273	mg/L	25.0	03/07/25 12:10	
EPA 300.0 Rev 2.1 1993	Chloride	2.5	mg/L	1.0	03/05/25 00:44	
EPA 300.0 Rev 2.1 1993	Fluoride	0.081J	mg/L	0.10	03/05/25 00:44	
EPA 300.0 Rev 2.1 1993	Sulfate	22.4	mg/L	1.0	03/05/25 00:44	
EPA 6020B	Barium	0.043	mg/L	0.0050	03/21/25 22:54	
EPA 6020B	Boron	0.0067J	mg/L	0.040	03/21/25 22:54	
EPA 6020B	Calcium	56.6	mg/L	10.0	03/24/25 15:28	
EPA 6020B	Cobalt	0.019	mg/L	0.0050	03/21/25 22:54	
EPA 6020B	Iron	0.080	mg/L	0.040	03/21/25 22:54	
EPA 6020B	Magnesium	25.5	mg/L	0.050	03/21/25 22:54	
EPA 6020B	Manganese	0.0040J	mg/L	0.040	03/21/25 22:54	
EPA 6020B	Potassium	0.86	mg/L	0.50	03/21/25 22:54	
EPA 6020B	Sodium	4.4	mg/L	1.0	03/21/25 22:54	
92782410017	**BOW-GWA-50R**					
EPA 300.0 Rev 2.1 1993	Chloride	0.87J	mg/L	1.0	03/05/25 01:25	
EPA 300.0 Rev 2.1 1993	Sulfate	0.51J	mg/L	1.0	03/05/25 01:25	
EPA 6020B	Barium	0.0081	mg/L	0.0050	03/21/25 23:03	
EPA 6020B	Calcium	0.81J	mg/L	1.0	03/21/25 23:03	
EPA 6020B	Copper	0.0040J	mg/L	0.0050	03/21/25 23:03	
EPA 6020B	Magnesium	0.34	mg/L	0.050	03/21/25 23:03	
EPA 6020B	Manganese	0.016J	mg/L	0.040	03/21/25 23:03	
EPA 6020B	Potassium	0.35J	mg/L	0.50	03/21/25 23:03	
EPA 6020B	Silver	0.0016J	mg/L	0.0050	03/21/25 23:03	
EPA 6020B	Sodium	0.76J	mg/L	1.0	03/21/25 23:03	
92782410018	**BOW-GWC-8Z**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	76.5	mg/L	5.0	03/08/25 17:45	
SM 2320B-2011	Alkalinity, Total as CaCO3	76.5	mg/L	5.0	03/08/25 17:45	
SM 2540C-2015	Total Dissolved Solids	96.0	mg/L	25.0	03/07/25 12:11	
EPA 300.0 Rev 2.1 1993	Chloride	1.6	mg/L	1.0	03/05/25 01:38	
EPA 300.0 Rev 2.1 1993	Sulfate	0.52J	mg/L	1.0	03/05/25 01:38	

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SUMMARY OF DETECTION

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92782410018	**BOW-GWC-8Z**					
EPA 6020B	Barium	0.023	mg/L	0.0050	03/21/25 23:12	
EPA 6020B	Calcium	19.2	mg/L	1.0	03/21/25 23:12	
EPA 6020B	Chromium	0.0013J	mg/L	0.0050	03/21/25 23:12	
EPA 6020B	Iron	0.027J	mg/L	0.040	03/21/25 23:12	
EPA 6020B	Magnesium	7.3	mg/L	0.050	03/21/25 23:12	
EPA 6020B	Manganese	0.0040J	mg/L	0.040	03/21/25 23:12	
EPA 6020B	Potassium	1.8	mg/L	0.50	03/21/25 23:12	
EPA 6020B	Sodium	1.6	mg/L	1.0	03/21/25 23:12	
92782410019	**BOW-GWC-9**					
SM 2540C-2015	Total Dissolved Solids	32.0	mg/L	25.0	03/07/25 12:11	
EPA 300.0 Rev 2.1 1993	Chloride	2.3	mg/L	1.0	03/05/25 01:52	
EPA 300.0 Rev 2.1 1993	Sulfate	6.5	mg/L	1.0	03/05/25 01:52	
EPA 6020B	Barium	0.050	mg/L	0.0050	03/21/25 23:21	
EPA 6020B	Boron	0.0069J	mg/L	0.040	03/21/25 23:21	
EPA 6020B	Calcium	3.5	mg/L	1.0	03/21/25 23:21	
EPA 6020B	Magnesium	1.5	mg/L	0.050	03/21/25 23:21	
EPA 6020B	Manganese	0.030J	mg/L	0.040	03/21/25 23:21	
EPA 6020B	Nickel	0.0013J	mg/L	0.0050	03/21/25 23:21	
EPA 6020B	Potassium	1.0	mg/L	0.50	03/21/25 23:21	
EPA 6020B	Selenium	0.0013J	mg/L	0.0050	03/21/25 23:21	
EPA 6020B	Sodium	0.95J	mg/L	1.0	03/21/25 23:21	
EPA 6020B	Zinc	0.0032J	mg/L	0.020	03/21/25 23:21	
92782410020	**BOW-GWC-10**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	87.7	mg/L	5.0	03/08/25 18:04	
SM 2320B-2011	Alkalinity, Total as CaCO3	87.7	mg/L	5.0	03/08/25 18:04	
SM 2540C-2015	Total Dissolved Solids	95.0	mg/L	25.0	03/07/25 12:12	
EPA 300.0 Rev 2.1 1993	Chloride	2.0	mg/L	1.0	03/05/25 02:05	M1
EPA 300.0 Rev 2.1 1993	Sulfate	1.1	mg/L	1.0	03/05/25 02:05	
EPA 6020B	Barium	0.024	mg/L	0.0050	03/21/25 23:30	
EPA 6020B	Calcium	19.9	mg/L	1.0	03/21/25 23:30	
EPA 6020B	Cobalt	0.0029J	mg/L	0.0050	03/21/25 23:30	
EPA 6020B	Magnesium	9.6	mg/L	0.050	03/21/25 23:30	
EPA 6020B	Manganese	0.0025J	mg/L	0.040	03/21/25 23:30	
EPA 6020B	Potassium	0.54	mg/L	0.50	03/21/25 23:30	
EPA 6020B	Sodium	2.0	mg/L	1.0	03/21/25 23:30	
92782410021	**BOW-GWC-10R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	132	mg/L	5.0	03/10/25 21:39	
SM 2320B-2011	Alkalinity, Total as CaCO3	132	mg/L	5.0	03/10/25 21:39	
SM 2540C-2015	Total Dissolved Solids	143	mg/L	25.0	03/07/25 12:15	
EPA 300.0 Rev 2.1 1993	Chloride	2.5	mg/L	1.0	03/05/25 02:45	
EPA 300.0 Rev 2.1 1993	Sulfate	0.90J	mg/L	1.0	03/05/25 02:45	
EPA 6020B	Barium	0.025	mg/L	0.0050	03/26/25 09:47	
EPA 6020B	Calcium	41.8	mg/L	1.0	03/26/25 09:47	
EPA 6020B	Iron	0.84	mg/L	0.040	03/26/25 09:47	
EPA 6020B	Magnesium	8.1	mg/L	0.050	03/26/25 09:47	
EPA 6020B	Manganese	0.0021J	mg/L	0.040	03/26/25 09:47	

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SUMMARY OF DETECTION

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92782410021	**BOW-GWC-10R**					
EPA 6020B	Potassium	0.77	mg/L	0.50	03/26/25 09:47	
EPA 6020B	Sodium	2.0	mg/L	1.0	03/26/25 09:47	
92782410022	**BOW-GWC-11R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	144	mg/L	5.0	03/10/25 21:55	
SM 2320B-2011	Alkalinity, Total as CaCO3	144	mg/L	5.0	03/10/25 21:55	
SM 2540C-2015	Total Dissolved Solids	150	mg/L	25.0	03/07/25 12:15	
EPA 300.0 Rev 2.1 1993	Chloride	1.6	mg/L	1.0	03/05/25 02:59	
EPA 300.0 Rev 2.1 1993	Sulfate	1.4	mg/L	1.0	03/05/25 02:59	
EPA 6020B	Barium	0.021	mg/L	0.0050	03/26/25 09:51	
EPA 6020B	Calcium	33.2	mg/L	1.0	03/26/25 09:51	
EPA 6020B	Chromium	0.0039J	mg/L	0.0050	03/26/25 09:51	
EPA 6020B	Iron	0.64	mg/L	0.040	03/26/25 09:51	
EPA 6020B	Magnesium	17.8	mg/L	0.050	03/26/25 09:51	
EPA 6020B	Potassium	1.0	mg/L	0.50	03/26/25 09:51	
EPA 6020B	Sodium	0.92J	mg/L	1.0	03/26/25 09:51	
92782410023	**BOW-GWC-13**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	108	mg/L	5.0	03/10/25 22:05	
SM 2320B-2011	Alkalinity, Total as CaCO3	108	mg/L	5.0	03/10/25 22:05	
SM 2540C-2015	Total Dissolved Solids	137	mg/L	25.0	03/07/25 12:15	
EPA 300.0 Rev 2.1 1993	Chloride	3.3	mg/L	1.0	03/05/25 03:12	
EPA 300.0 Rev 2.1 1993	Sulfate	15.6	mg/L	1.0	03/05/25 03:12	
EPA 6020B	Barium	0.025	mg/L	0.0050	03/26/25 09:55	
EPA 6020B	Boron	0.012J	mg/L	0.040	03/26/25 09:55	
EPA 6020B	Calcium	31.0	mg/L	1.0	03/26/25 09:55	
EPA 6020B	Chromium	0.0035J	mg/L	0.0050	03/26/25 09:55	
EPA 6020B	Iron	0.67	mg/L	0.040	03/26/25 09:55	
EPA 6020B	Magnesium	11.8	mg/L	0.050	03/26/25 09:55	
EPA 6020B	Manganese	0.052	mg/L	0.040	03/26/25 09:55	
EPA 6020B	Potassium	1.8	mg/L	0.50	03/26/25 09:55	
EPA 6020B	Sodium	1.9	mg/L	1.0	03/26/25 09:55	
92782410024	**BOW-GWC-14Z**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	44.7	mg/L	5.0	03/10/25 22:12	
SM 2320B-2011	Alkalinity, Total as CaCO3	44.7	mg/L	5.0	03/10/25 22:12	
SM 2540C-2015	Total Dissolved Solids	73.0	mg/L	25.0	03/07/25 12:15	
EPA 300.0 Rev 2.1 1993	Chloride	3.8	mg/L	1.0	03/05/25 03:25	
EPA 300.0 Rev 2.1 1993	Sulfate	6.4	mg/L	1.0	03/05/25 03:25	
EPA 6020B	Barium	0.014	mg/L	0.0050	03/26/25 09:59	
EPA 6020B	Calcium	12.5	mg/L	1.0	03/26/25 09:59	
EPA 6020B	Iron	0.24	mg/L	0.040	03/26/25 09:59	
EPA 6020B	Magnesium	6.0	mg/L	0.050	03/26/25 09:59	
EPA 6020B	Manganese	0.0071J	mg/L	0.040	03/26/25 09:59	
EPA 6020B	Potassium	1.2	mg/L	0.50	03/26/25 09:59	
EPA 6020B	Sodium	2.3	mg/L	1.0	03/26/25 09:59	
92782410025	**BOW-GWC-15R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	130	mg/L	5.0	03/10/25 22:18	

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SUMMARY OF DETECTION

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92782410025	**BOW-GWC-15R**					
SM 2320B-2011	Alkalinity, Total as CaCO3	130	mg/L	5.0	03/10/25 22:18	
SM 2540C-2015	Total Dissolved Solids	127	mg/L	25.0	03/07/25 12:15	
EPA 300.0 Rev 2.1 1993	Chloride	0.84J	mg/L	1.0	03/05/25 04:06	
EPA 300.0 Rev 2.1 1993	Sulfate	1.4	mg/L	1.0	03/05/25 04:06	
EPA 6020B	Antimony	0.00058J	mg/L	0.0030	03/26/25 10:03	
EPA 6020B	Barium	0.013	mg/L	0.0050	03/26/25 10:03	
EPA 6020B	Calcium	26.6	mg/L	1.0	03/26/25 10:03	
EPA 6020B	Iron	0.68	mg/L	0.040	03/26/25 10:03	
EPA 6020B	Lead	0.00040J	mg/L	0.0010	03/26/25 10:03	
EPA 6020B	Magnesium	14.2	mg/L	0.050	03/26/25 10:03	
EPA 6020B	Manganese	0.0013J	mg/L	0.040	03/26/25 10:03	
EPA 6020B	Potassium	0.86	mg/L	0.50	03/26/25 10:03	
EPA 6020B	Sodium	1.3	mg/L	1.0	03/26/25 10:03	
EPA 6020B	Zinc	0.0035J	mg/L	0.020	03/26/25 10:03	
92782410026	**BOW-GWC-15Z**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	126	mg/L	5.0	03/10/25 22:27	
SM 2320B-2011	Alkalinity, Total as CaCO3	126	mg/L	5.0	03/10/25 22:27	
SM 2540C-2015	Total Dissolved Solids	124	mg/L	25.0	03/07/25 12:56	
EPA 300.0 Rev 2.1 1993	Chloride	0.80J	mg/L	1.0	03/05/25 04:19	
EPA 6020B	Barium	0.011	mg/L	0.0050	03/26/25 10:07	
EPA 6020B	Calcium	24.4	mg/L	1.0	03/26/25 10:07	
EPA 6020B	Iron	0.55	mg/L	0.040	03/26/25 10:07	
EPA 6020B	Magnesium	13.6	mg/L	0.050	03/26/25 10:07	
EPA 6020B	Manganese	0.0032J	mg/L	0.040	03/26/25 10:07	
EPA 6020B	Potassium	0.95	mg/L	0.50	03/26/25 10:07	
EPA 6020B	Sodium	2.7	mg/L	1.0	03/26/25 10:07	
92782410027	**BOW-GWC-8RR**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	100	mg/L	5.0	03/11/25 14:49	
SM 2320B-2011	Alkalinity, Total as CaCO3	100	mg/L	5.0	03/11/25 14:49	
SM 2540C-2015	Total Dissolved Solids	111	mg/L	25.0	03/08/25 16:57	
EPA 300.0 Rev 2.1 1993	Chloride	0.61J	mg/L	1.0	03/11/25 00:03	
EPA 300.0 Rev 2.1 1993	Fluoride	0.055J	mg/L	0.10	03/11/25 00:03	
EPA 300.0 Rev 2.1 1993	Sulfate	0.98J	mg/L	1.0	03/11/25 00:03	
EPA 6020B	Barium	0.013	mg/L	0.0050	03/26/25 10:11	
EPA 6020B	Calcium	22.2	mg/L	1.0	03/26/25 10:11	
EPA 6020B	Iron	0.45	mg/L	0.040	03/26/25 10:11	
EPA 6020B	Magnesium	10.4	mg/L	0.050	03/26/25 10:11	
EPA 6020B	Potassium	1.3	mg/L	0.50	03/26/25 10:11	
EPA 6020B	Sodium	0.88J	mg/L	1.0	03/26/25 10:11	
92782410028	**BOW-GWC-11**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	85.0	mg/L	5.0	03/11/25 14:56	
SM 2320B-2011	Alkalinity, Total as CaCO3	85.0	mg/L	5.0	03/11/25 14:56	
SM 2540C-2015	Total Dissolved Solids	100	mg/L	25.0	03/08/25 16:57	
EPA 300.0 Rev 2.1 1993	Chloride	0.87J	mg/L	1.0	03/11/25 00:18	
EPA 300.0 Rev 2.1 1993	Fluoride	0.065J	mg/L	0.10	03/11/25 00:18	
EPA 300.0 Rev 2.1 1993	Sulfate	1.6	mg/L	1.0	03/11/25 00:18	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92782410028	**BOW-GWC-11**					
EPA 6020B	Barium	0.010	mg/L	0.0050	03/26/25 10:15	
EPA 6020B	Calcium	18.9	mg/L	1.0	03/26/25 10:15	
EPA 6020B	Chromium	0.0072	mg/L	0.0050	03/26/25 10:15	
EPA 6020B	Iron	0.38	mg/L	0.040	03/26/25 10:15	
EPA 6020B	Magnesium	10.0	mg/L	0.050	03/26/25 10:15	
EPA 6020B	Manganese	0.0044J	mg/L	0.040	03/26/25 10:15	
EPA 6020B	Potassium	0.91	mg/L	0.50	03/26/25 10:15	
EPA 6020B	Sodium	1.8	mg/L	1.0	03/26/25 10:15	
92782410029	**BOW-GWC-12**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	50.4	mg/L	5.0	03/11/25 15:03	
SM 2320B-2011	Alkalinity, Total as CaCO3	50.4	mg/L	5.0	03/11/25 15:03	
SM 2540C-2015	Total Dissolved Solids	75.0	mg/L	25.0	03/08/25 16:57	
EPA 300.0 Rev 2.1 1993	Chloride	0.62J	mg/L	1.0	03/11/25 00:33	
EPA 300.0 Rev 2.1 1993	Fluoride	0.057J	mg/L	0.10	03/11/25 00:33	
EPA 6020B	Arsenic	0.0053	mg/L	0.0050	03/26/25 10:27	
EPA 6020B	Barium	0.023	mg/L	0.0050	03/26/25 10:27	
EPA 6020B	Cadmium	0.00067	mg/L	0.00050	03/26/25 10:27	
EPA 6020B	Calcium	7.9	mg/L	1.0	03/26/25 10:27	
EPA 6020B	Cobalt	0.0033J	mg/L	0.0050	03/26/25 10:27	
EPA 6020B	Iron	9.7	mg/L	0.040	03/26/25 10:27	
EPA 6020B	Magnesium	4.0	mg/L	0.050	03/26/25 10:27	
EPA 6020B	Manganese	0.21	mg/L	0.040	03/26/25 10:27	
EPA 6020B	Nickel	0.0026J	mg/L	0.0050	03/26/25 10:27	
EPA 6020B	Potassium	1.1	mg/L	0.50	03/26/25 10:27	
EPA 6020B	Sodium	2.5	mg/L	1.0	03/26/25 10:27	
EPA 6020B	Zinc	0.017J	mg/L	0.020	03/26/25 10:27	
92782410030	**BOW-GWC-13RZ**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	157	mg/L	5.0	03/11/25 15:09	
SM 2320B-2011	Alkalinity, Total as CaCO3	157	mg/L	5.0	03/11/25 15:09	
SM 2540C-2015	Total Dissolved Solids	252	mg/L	25.0	03/08/25 16:57	
EPA 300.0 Rev 2.1 1993	Chloride	4.4	mg/L	1.0	03/11/25 00:47	
EPA 300.0 Rev 2.1 1993	Fluoride	0.16	mg/L	0.10	03/11/25 00:47	
EPA 300.0 Rev 2.1 1993	Sulfate	51.8	mg/L	1.0	03/11/25 00:47	
EPA 6020B	Barium	0.095	mg/L	0.0050	03/26/25 10:31	
EPA 6020B	Boron	0.017J	mg/L	0.040	03/26/25 10:31	1g
EPA 6020B	Calcium	40.1	mg/L	1.0	03/26/25 10:31	
EPA 6020B	Iron	0.87	mg/L	0.040	03/26/25 10:31	
EPA 6020B	Magnesium	18.0	mg/L	0.050	03/26/25 10:31	
EPA 6020B	Manganese	0.0025J	mg/L	0.040	03/26/25 10:31	
EPA 6020B	Potassium	1.0	mg/L	0.50	03/26/25 10:31	
EPA 6020B	Sodium	20.8	mg/L	1.0	03/26/25 10:31	
EPA 6020B	Zinc	0.0025J	mg/L	0.020	03/26/25 10:31	
92782410031	**BOW-LF1-2-FD-12**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	50.5	mg/L	5.0	03/11/25 15:27	
SM 2320B-2011	Alkalinity, Total as CaCO3	50.5	mg/L	5.0	03/11/25 15:27	
SM 2540C-2015	Total Dissolved Solids	55.0	mg/L	25.0	03/08/25 17:01	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92782410031	**BOW-LF1-2-FD-12**					
EPA 300.0 Rev 2.1 1993	Chloride	0.63J	mg/L	1.0	03/11/25 01:32	
EPA 300.0 Rev 2.1 1993	Fluoride	0.056J	mg/L	0.10	03/11/25 01:32	
EPA 6020B	Arsenic	0.0053	mg/L	0.0050	03/26/25 10:35	
EPA 6020B	Barium	0.024	mg/L	0.0050	03/26/25 10:35	
EPA 6020B	Cadmium	0.00061	mg/L	0.00050	03/26/25 10:35	
EPA 6020B	Calcium	7.9	mg/L	1.0	03/26/25 10:35	
EPA 6020B	Cobalt	0.0032J	mg/L	0.0050	03/26/25 10:35	
EPA 6020B	Iron	9.8	mg/L	0.040	03/26/25 10:35	
EPA 6020B	Magnesium	3.9	mg/L	0.050	03/26/25 10:35	
EPA 6020B	Manganese	0.21	mg/L	0.040	03/26/25 10:35	
EPA 6020B	Nickel	0.0026J	mg/L	0.0050	03/26/25 10:35	
EPA 6020B	Potassium	1.1	mg/L	0.50	03/26/25 10:35	
EPA 6020B	Sodium	2.5	mg/L	1.0	03/26/25 10:35	
EPA 6020B	Zinc	0.017J	mg/L	0.020	03/26/25 10:35	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWA-1 **Lab ID: 92782410001** Collected: 02/27/25 12:47 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 13:02	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**157**	mg/L	5.0	5.0	1		03/06/25 21:59		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 21:59		
Alkalinity, Total as CaCO3	**157**	mg/L	5.0	5.0	1		03/06/25 21:59		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**142**	mg/L	25.0	25.0	1		03/06/25 13:36		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.93J**	mg/L	1.0	0.60	1		03/04/25 10:40	16887-00-6	
Fluoride	**0.075J**	mg/L	0.10	0.050	1		03/04/25 10:40	16984-48-8	
Sulfate	**0.88J**	mg/L	1.0	0.50	1		03/04/25 10:40	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.00062J**	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 19:07	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 19:07	7440-38-2	
Barium	**0.017**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 19:07	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 19:07	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 19:07	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 19:07	7440-43-9	
Calcium	**33.4**	mg/L	10.0	1.0	10	03/19/25 07:04	03/24/25 14:15	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 19:07	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 19:07	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 19:07	7440-50-8	
Iron	**0.050**	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 19:07	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 19:07	7439-92-1	
Magnesium	**16.6**	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 19:07	7439-95-4	
Manganese	**0.033J**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 19:07	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/24/25 12:45	7440-02-0	
Potassium	**1.2**	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 19:07	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 19:07	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 19:07	7440-22-4	
Sodium	**3.9**	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 19:07	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 19:07	7440-28-0	2g
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 19:07	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 19:07	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWA-2 **Lab ID: 92782410002** Collected: 02/27/25 14:50 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 13:04	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**81.3**	mg/L	5.0	5.0	1		03/06/25 22:17		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 22:17		
Alkalinity, Total as CaCO3	**81.3**	mg/L	5.0	5.0	1		03/06/25 22:17		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**211**	mg/L	25.0	25.0	1		03/06/25 13:36		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.1**	mg/L	1.0	0.60	1		03/04/25 10:55	16887-00-6	
Fluoride	**0.076J**	mg/L	0.10	0.050	1		03/04/25 10:55	16984-48-8	
Sulfate	**74.4**	mg/L	1.0	0.50	1		03/04/25 10:55	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 19:16	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 19:16	7440-38-2	
Barium	**0.024**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 19:16	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 19:16	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 19:16	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 19:16	7440-43-9	
Calcium	**41.7**	mg/L	10.0	1.0	10	03/19/25 07:04	03/24/25 14:24	7440-70-2	M1
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 19:16	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 19:16	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 19:16	7440-50-8	
Iron	**0.025J**	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 19:16	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 19:16	7439-92-1	
Magnesium	**13.9**	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 19:16	7439-95-4	M1
Manganese	**0.0069J**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 19:16	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/24/25 12:54	7440-02-0	
Potassium	**0.88**	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 19:16	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 19:16	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 19:16	7440-22-4	
Sodium	**1.5**	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 19:16	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 19:16	7440-28-0	2g
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 19:16	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 19:16	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWA-2R **Lab ID: 92782410003** Collected: 02/27/25 11:08 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 13:06	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**151**	mg/L	5.0	5.0	1		03/06/25 22:24		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 22:24		
Alkalinity, Total as CaCO3	**151**	mg/L	5.0	5.0	1		03/06/25 22:24		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**231**	mg/L	25.0	25.0	1		03/06/25 13:36		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.2**	mg/L	1.0	0.60	1		03/04/25 11:10	16887-00-6	
Fluoride	**0.095J**	mg/L	0.10	0.050	1		03/04/25 11:10	16984-48-8	
Sulfate	**41.5**	mg/L	1.0	0.50	1		03/04/25 11:10	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.0042**	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 20:02	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:02	7440-38-2	
Barium	**0.028**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:02	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 20:02	7440-41-7	
Boron	**0.021J**	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 20:02	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 20:02	7440-43-9	
Calcium	**66.7**	mg/L	10.0	1.0	10	03/19/25 07:04	03/24/25 15:10	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:02	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:02	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:02	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 20:02	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 20:02	7439-92-1	
Magnesium	**7.8**	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 20:02	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 20:02	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/24/25 13:39	7440-02-0	
Potassium	**0.78**	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 20:02	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:02	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 20:02	7440-22-4	
Sodium	**2.4**	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 20:02	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 20:02	7440-28-0	2g
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 20:02	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 20:02	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWA-50 **Lab ID: 92782410004** Collected: 02/27/25 15:44 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 13:08	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 22:33		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 22:33		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/06/25 22:33		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**32.0**	mg/L	25.0	25.0	1		03/06/25 13:36		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.76J**	mg/L	1.0	0.60	1		03/04/25 11:25	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/04/25 11:25	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/04/25 11:25	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 20:11	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:11	7440-38-2	
Barium	**0.0074**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:11	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 20:11	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 20:11	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 20:11	7440-43-9	
Calcium	**1.4**	mg/L	1.0	0.10	1	03/19/25 07:04	03/21/25 20:11	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:11	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:11	7440-48-4	
Copper	**0.0017J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:11	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 20:11	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 20:11	7439-92-1	
Magnesium	**0.34**	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 20:11	7439-95-4	
Manganese	**0.0026J**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 20:11	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/24/25 13:48	7440-02-0	
Potassium	**0.31J**	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 20:11	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:11	7782-49-2	
Silver	**0.00061J**	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 20:11	7440-22-4	
Sodium	**1.3**	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 20:11	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 20:11	7440-28-0	2g
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 20:11	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 20:11	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWC-5 **Lab ID: 92782410005** Collected: 02/27/25 12:00 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 13:10	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**10.5**	mg/L	5.0	5.0	1		03/06/25 22:37		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 22:37		
Alkalinity, Total as CaCO3	**10.5**	mg/L	5.0	5.0	1		03/06/25 22:37		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**27.0**	mg/L	25.0	25.0	1		03/06/25 13:36		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		03/04/25 11:40	16887-00-6	
Fluoride	**0.050J**	mg/L	0.10	0.050	1		03/04/25 11:40	16984-48-8	
Sulfate	**0.74J**	mg/L	1.0	0.50	1		03/04/25 11:40	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 20:38	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:38	7440-38-2	
Barium	**0.013**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:38	7440-39-3	
Beryllium	**0.00053**	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 20:38	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 20:38	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 20:38	7440-43-9	
Calcium	**3.6**	mg/L	1.0	0.10	1	03/19/25 07:04	03/21/25 20:38	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:38	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:38	7440-48-4	
Copper	**0.016**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:38	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 20:38	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 20:38	7439-92-1	
Magnesium	**0.29**	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 20:38	7439-95-4	
Manganese	**0.019J**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 20:38	7439-96-5	
Nickel	**0.0093**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:38	7440-02-0	
Potassium	**1.4**	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 20:38	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:38	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 20:38	7440-22-4	
Sodium	**1.1**	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 20:38	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 20:38	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 20:38	7440-62-2	
Zinc	**0.022**	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 20:38	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWC-6 **Lab ID: 92782410006** Collected: 02/27/25 13:45 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 13:16	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**66.5**	mg/L	5.0	5.0	1		03/06/25 22:42		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 22:42		
Alkalinity, Total as CaCO3	**66.5**	mg/L	5.0	5.0	1		03/06/25 22:42		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**64.0**	mg/L	25.0	25.0	1		03/06/25 13:37		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.95J**	mg/L	1.0	0.60	1		03/04/25 12:24	16887-00-6	
Fluoride	**0.052J**	mg/L	0.10	0.050	1		03/04/25 12:24	16984-48-8	
Sulfate	**1.4**	mg/L	1.0	0.50	1		03/04/25 12:24	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 20:47	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:47	7440-38-2	
Barium	**0.0066**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:47	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 20:47	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 20:47	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 20:47	7440-43-9	
Calcium	**15.4**	mg/L	1.0	0.10	1	03/19/25 07:04	03/21/25 20:47	7440-70-2	
Chromium	**0.0030J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:47	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:47	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:47	7440-50-8	
Iron	**0.036J**	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 20:47	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 20:47	7439-92-1	
Magnesium	**8.0**	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 20:47	7439-95-4	
Manganese	**0.0035J**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 20:47	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:47	7440-02-0	
Potassium	**1.1**	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 20:47	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:47	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 20:47	7440-22-4	
Sodium	**0.83J**	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 20:47	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 20:47	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 20:47	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 20:47	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWC-6RZ **Lab ID: 92782410007** Collected: 02/27/25 15:00 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 13:18	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**44.2**	mg/L	5.0	5.0	1		03/06/25 22:48		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 22:48		
Alkalinity, Total as CaCO3	**44.2**	mg/L	5.0	5.0	1		03/06/25 22:48		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**52.0**	mg/L	25.0	25.0	1		03/06/25 13:37		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.1**	mg/L	1.0	0.60	1		03/04/25 12:39	16887-00-6	
Fluoride	**0.057J**	mg/L	0.10	0.050	1		03/04/25 12:39	16984-48-8	
Sulfate	**1.1**	mg/L	1.0	0.50	1		03/04/25 12:39	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 20:56	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:56	7440-38-2	
Barium	**0.0068**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:56	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 20:56	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 20:56	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 20:56	7440-43-9	
Calcium	**9.8**	mg/L	1.0	0.10	1	03/19/25 07:04	03/21/25 20:56	7440-70-2	
Chromium	**0.0026J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:56	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:56	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:56	7440-50-8	
Iron	**0.019J**	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 20:56	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 20:56	7439-92-1	
Magnesium	**5.5**	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 20:56	7439-95-4	
Manganese	**0.0014J**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 20:56	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:56	7440-02-0	
Potassium	**0.91**	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 20:56	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 20:56	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 20:56	7440-22-4	
Sodium	**1.4**	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 20:56	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 20:56	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 20:56	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 20:56	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWC-7Z **Lab ID: 92782410008** Collected: 02/27/25 15:43 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 13:21	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**117**	mg/L	5.0	5.0	1		03/06/25 22:54		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 22:54		
Alkalinity, Total as CaCO3	**117**	mg/L	5.0	5.0	1		03/06/25 22:54		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**107**	mg/L	25.0	25.0	1		03/06/25 13:37		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.62J**	mg/L	1.0	0.60	1		03/04/25 12:54	16887-00-6	
Fluoride	**0.062J**	mg/L	0.10	0.050	1		03/04/25 12:54	16984-48-8	
Sulfate	**0.69J**	mg/L	1.0	0.50	1		03/04/25 12:54	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.00071J**	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 21:05	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:05	7440-38-2	
Barium	**0.010**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:05	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 21:05	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 21:05	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 21:05	7440-43-9	
Calcium	**24.3**	mg/L	1.0	0.10	1	03/19/25 07:04	03/21/25 21:05	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:05	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:05	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:05	7440-50-8	
Iron	**0.14**	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 21:05	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 21:05	7439-92-1	
Magnesium	**13.3**	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 21:05	7439-95-4	
Manganese	**0.027J**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 21:05	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:05	7440-02-0	
Potassium	**0.92**	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 21:05	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:05	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 21:05	7440-22-4	
Sodium	**1.4**	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 21:05	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 21:05	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 21:05	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 21:05	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-LF1-2-FD-11 **Lab ID: 92782410009** Collected: 02/27/25 00:00 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 13:23	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**149**	mg/L	5.0	5.0	1		03/08/25 17:17		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/08/25 17:17		
Alkalinity, Total as CaCO3	**149**	mg/L	5.0	5.0	1		03/08/25 17:17		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**224**	mg/L	25.0	25.0	1		03/06/25 13:37		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.2**	mg/L	1.0	0.60	1		03/04/25 00:58	16887-00-6	
Fluoride	**0.056J**	mg/L	0.10	0.050	1		03/04/25 00:58	16984-48-8	
Sulfate	**39.5**	mg/L	1.0	0.50	1		03/04/25 00:58	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.0038**	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 21:14	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:14	7440-38-2	
Barium	**0.027**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:14	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 21:14	7440-41-7	
Boron	**0.020J**	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 21:14	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 21:14	7440-43-9	
Calcium	**63.2**	mg/L	10.0	1.0	10	03/19/25 07:04	03/24/25 15:19	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:14	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:14	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:14	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 21:14	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 21:14	7439-92-1	
Magnesium	**7.9**	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 21:14	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 21:14	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:14	7440-02-0	
Potassium	**0.76**	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 21:14	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:14	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 21:14	7440-22-4	
Sodium	**2.3**	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 21:14	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 21:14	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 21:14	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 21:14	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-LF1-2-FB-11 **Lab ID: 92782410010** Collected: 02/27/25 16:20 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 13:33	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/08/25 17:27		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/08/25 17:27		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/08/25 17:27		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/06/25 13:37		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		03/03/25 22:44	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/03/25 22:44	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/03/25 22:44	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 21:23	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:23	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:23	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 21:23	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 21:23	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 21:23	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/19/25 07:04	03/21/25 21:23	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:23	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:23	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:23	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 21:23	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 21:23	7439-92-1	
Magnesium	ND	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 21:23	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 21:23	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:23	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 21:23	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:23	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 21:23	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 21:23	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 21:23	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 21:23	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 21:23	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-LF1-2-EB-11 **Lab ID: 92782410011** Collected: 02/27/25 16:15 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 13:35	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/08/25 17:30		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/08/25 17:30		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/08/25 17:30		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/06/25 13:37		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		03/03/25 22:59	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/03/25 22:59	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/03/25 22:59	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 21:32	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:32	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:32	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 21:32	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 21:32	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 21:32	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/19/25 07:04	03/21/25 21:32	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:32	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:32	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:32	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 21:32	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 21:32	7439-92-1	
Magnesium	ND	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 21:32	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 21:32	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:32	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 21:32	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:32	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 21:32	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 21:32	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 21:32	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 21:32	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 21:32	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWA-3A **Lab ID: 92782410012** Collected: 02/26/25 15:44 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 13:37	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**96.8**	mg/L	5.0	5.0	1		03/06/25 19:28		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 19:28		
Alkalinity, Total as CaCO3	**96.8**	mg/L	5.0	5.0	1		03/06/25 19:28		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**121**	mg/L	25.0	25.0	1		03/05/25 12:23		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**9.3**	mg/L	1.0	0.60	1		03/04/25 01:43	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/04/25 01:43	16984-48-8	
Sulfate	**1.7**	mg/L	1.0	0.50	1		03/04/25 01:43	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 21:41	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:41	7440-38-2	
Barium	**0.0075**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:41	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 21:41	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 21:41	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 21:41	7440-43-9	
Calcium	**19.9**	mg/L	1.0	0.10	1	03/19/25 07:04	03/21/25 21:41	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:41	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:41	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:41	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 21:41	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 21:41	7439-92-1	
Magnesium	**12.6**	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 21:41	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 21:41	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:41	7440-02-0	
Potassium	**1.4**	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 21:41	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:41	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 21:41	7440-22-4	
Sodium	**4.9**	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 21:41	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 21:41	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 21:41	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 21:41	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-LF1-2-FD-10 **Lab ID: 92782410013** Collected: 02/26/25 00:00 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 13:43	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**99.0**	mg/L	5.0	5.0	1		03/06/25 19:36		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 19:36		
Alkalinity, Total as CaCO3	**99.0**	mg/L	5.0	5.0	1		03/06/25 19:36		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**109**	mg/L	25.0	25.0	1		03/05/25 12:23		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**9.3**	mg/L	1.0	0.60	1		03/04/25 01:58	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/04/25 01:58	16984-48-8	
Sulfate	**1.7**	mg/L	1.0	0.50	1		03/04/25 01:58	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 21:50	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:50	7440-38-2	
Barium	**0.0075**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:50	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 21:50	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 21:50	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 21:50	7440-43-9	
Calcium	**22.5**	mg/L	1.0	0.10	1	03/19/25 07:04	03/21/25 21:50	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:50	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:50	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:50	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 21:50	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 21:50	7439-92-1	
Magnesium	**12.5**	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 21:50	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 21:50	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:50	7440-02-0	
Potassium	**1.4**	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 21:50	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:50	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 21:50	7440-22-4	
Sodium	**4.9**	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 21:50	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 21:50	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 21:50	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 21:50	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-LF1-2-FB-10 **Lab ID: 92782410014** Collected: 02/26/25 16:23 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 13:45	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 19:43		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 19:43		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/06/25 19:43		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/05/25 12:23		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		03/03/25 23:14	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/03/25 23:14	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/03/25 23:14	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 21:59	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:59	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:59	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 21:59	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 21:59	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 21:59	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/19/25 07:04	03/21/25 21:59	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:59	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:59	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:59	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 21:59	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 21:59	7439-92-1	
Magnesium	ND	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 21:59	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 21:59	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:59	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 21:59	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 21:59	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 21:59	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 21:59	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 21:59	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 21:59	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 21:59	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-LF1-2-EB-10 **Lab ID: 92782410015** Collected: 02/26/25 16:16 Received: 02/28/25 15:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/04/25 16:23	03/05/25 13:47	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 19:47		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/06/25 19:47		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/06/25 19:47		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/05/25 12:23		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		03/03/25 23:29	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/03/25 23:29	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/03/25 23:29	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 22:45	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 22:45	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 22:45	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 22:45	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 22:45	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 22:45	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/19/25 07:04	03/21/25 22:45	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 22:45	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 22:45	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 22:45	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 22:45	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 22:45	7439-92-1	
Magnesium	ND	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 22:45	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 22:45	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 22:45	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 22:45	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 22:45	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 22:45	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 22:45	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 22:45	7440-28-0	2g
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 22:45	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 22:45	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWA-4RZ **Lab ID: 92782410016** Collected: 02/28/25 09:53 Received: 03/04/25 13:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/06/25 14:12	03/06/25 17:00	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**247**	mg/L	5.0	5.0	1		03/08/25 17:34		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/08/25 17:34		
Alkalinity, Total as CaCO3	**247**	mg/L	5.0	5.0	1		03/08/25 17:34		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**273**	mg/L	25.0	25.0	1		03/07/25 12:10		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.5**	mg/L	1.0	0.60	1		03/05/25 00:44	16887-00-6	
Fluoride	**0.081J**	mg/L	0.10	0.050	1		03/05/25 00:44	16984-48-8	
Sulfate	**22.4**	mg/L	1.0	0.50	1		03/05/25 00:44	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 22:54	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 22:54	7440-38-2	
Barium	**0.043**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 22:54	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 22:54	7440-41-7	
Boron	**0.0067J**	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 22:54	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 22:54	7440-43-9	
Calcium	**56.6**	mg/L	10.0	1.0	10	03/19/25 07:04	03/24/25 15:28	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 22:54	7440-47-3	
Cobalt	**0.019**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 22:54	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 22:54	7440-50-8	
Iron	**0.080**	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 22:54	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 22:54	7439-92-1	
Magnesium	**25.5**	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 22:54	7439-95-4	
Manganese	**0.0040J**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 22:54	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 22:54	7440-02-0	
Potassium	**0.86**	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 22:54	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 22:54	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 22:54	7440-22-4	
Sodium	**4.4**	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 22:54	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 22:54	7440-28-0	2g
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 22:54	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 22:54	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWA-50R **Lab ID: 92782410017** Collected: 02/28/25 11:24 Received: 03/04/25 13:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/06/25 14:12	03/06/25 17:02	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/08/25 17:42		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/08/25 17:42		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/08/25 17:42		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/07/25 12:11		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.87J**	mg/L	1.0	0.60	1		03/05/25 01:25	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/05/25 01:25	16984-48-8	
Sulfate	**0.51J**	mg/L	1.0	0.50	1		03/05/25 01:25	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 23:03	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:03	7440-38-2	
Barium	**0.0081**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:03	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 23:03	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 23:03	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 23:03	7440-43-9	
Calcium	**0.81J**	mg/L	1.0	0.10	1	03/19/25 07:04	03/21/25 23:03	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:03	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:03	7440-48-4	
Copper	**0.0040J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:03	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 23:03	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 23:03	7439-92-1	
Magnesium	**0.34**	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 23:03	7439-95-4	
Manganese	**0.016J**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 23:03	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:03	7440-02-0	
Potassium	**0.35J**	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 23:03	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:03	7782-49-2	
Silver	**0.0016J**	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 23:03	7440-22-4	
Sodium	**0.76J**	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 23:03	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 23:03	7440-28-0	2g
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 23:03	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 23:03	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWC-8Z **Lab ID: 92782410018** Collected: 02/28/25 11:30 Received: 03/04/25 13:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/06/25 14:12	03/06/25 17:04	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**76.5**	mg/L	5.0	5.0	1		03/08/25 17:45		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/08/25 17:45		
Alkalinity, Total as CaCO3	**76.5**	mg/L	5.0	5.0	1		03/08/25 17:45		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**96.0**	mg/L	25.0	25.0	1		03/07/25 12:11		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.6**	mg/L	1.0	0.60	1		03/05/25 01:38	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/05/25 01:38	16984-48-8	
Sulfate	**0.52J**	mg/L	1.0	0.50	1		03/05/25 01:38	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 23:12	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:12	7440-38-2	
Barium	**0.023**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:12	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 23:12	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 23:12	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 23:12	7440-43-9	
Calcium	**19.2**	mg/L	1.0	0.10	1	03/19/25 07:04	03/21/25 23:12	7440-70-2	
Chromium	**0.0013J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:12	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:12	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:12	7440-50-8	
Iron	**0.027J**	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 23:12	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 23:12	7439-92-1	
Magnesium	**7.3**	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 23:12	7439-95-4	
Manganese	**0.0040J**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 23:12	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:12	7440-02-0	
Potassium	**1.8**	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 23:12	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:12	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 23:12	7440-22-4	
Sodium	**1.6**	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 23:12	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 23:12	7440-28-0	2g
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 23:12	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 23:12	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWC-9 **Lab ID: 92782410019** Collected: 02/28/25 11:41 Received: 03/04/25 13:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/06/25 14:12	03/06/25 17:06	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/08/25 17:52		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/08/25 17:52		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/08/25 17:52		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**32.0**	mg/L	25.0	25.0	1		03/07/25 12:11		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.3**	mg/L	1.0	0.60	1		03/05/25 01:52	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/05/25 01:52	16984-48-8	
Sulfate	**6.5**	mg/L	1.0	0.50	1		03/05/25 01:52	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 23:21	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:21	7440-38-2	
Barium	**0.050**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:21	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 23:21	7440-41-7	
Boron	**0.0069J**	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 23:21	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 23:21	7440-43-9	
Calcium	**3.5**	mg/L	1.0	0.10	1	03/19/25 07:04	03/21/25 23:21	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:21	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:21	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:21	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 23:21	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 23:21	7439-92-1	
Magnesium	**1.5**	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 23:21	7439-95-4	
Manganese	**0.030J**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 23:21	7439-96-5	
Nickel	**0.0013J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:21	7440-02-0	
Potassium	**1.0**	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 23:21	7440-09-7	
Selenium	**0.0013J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:21	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 23:21	7440-22-4	
Sodium	**0.95J**	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 23:21	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 23:21	7440-28-0	2g
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 23:21	7440-62-2	
Zinc	**0.0032J**	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 23:21	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWC-10 **Lab ID: 92782410020** Collected: 02/28/25 11:50 Received: 03/04/25 13:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/06/25 14:12	03/06/25 17:08	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**87.7**	mg/L	5.0	5.0	1		03/08/25 18:04		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/08/25 18:04		
Alkalinity, Total as CaCO3	**87.7**	mg/L	5.0	5.0	1		03/08/25 18:04		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**95.0**	mg/L	25.0	25.0	1		03/07/25 12:12		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.0**	mg/L	1.0	0.60	1		03/05/25 02:05	16887-00-6	M1
Fluoride	ND	mg/L	0.10	0.050	1		03/05/25 02:05	16984-48-8	
Sulfate	**1.1**	mg/L	1.0	0.50	1		03/05/25 02:05	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/19/25 07:04	03/21/25 23:30	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:30	7440-38-2	
Barium	**0.024**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:30	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/19/25 07:04	03/21/25 23:30	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/19/25 07:04	03/21/25 23:30	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/19/25 07:04	03/21/25 23:30	7440-43-9	
Calcium	**19.9**	mg/L	1.0	0.10	1	03/19/25 07:04	03/21/25 23:30	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:30	7440-47-3	
Cobalt	**0.0029J**	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:30	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:30	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/19/25 07:04	03/21/25 23:30	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/19/25 07:04	03/21/25 23:30	7439-92-1	
Magnesium	**9.6**	mg/L	0.050	0.010	1	03/19/25 07:04	03/21/25 23:30	7439-95-4	
Manganese	**0.0025J**	mg/L	0.040	0.0012	1	03/19/25 07:04	03/21/25 23:30	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:30	7440-02-0	
Potassium	**0.54**	mg/L	0.50	0.10	1	03/19/25 07:04	03/21/25 23:30	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/19/25 07:04	03/21/25 23:30	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/19/25 07:04	03/21/25 23:30	7440-22-4	
Sodium	**2.0**	mg/L	1.0	0.15	1	03/19/25 07:04	03/21/25 23:30	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/19/25 07:04	03/21/25 23:30	7440-28-0	2g
Vanadium	ND	mg/L	0.010	0.0025	1	03/19/25 07:04	03/21/25 23:30	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/19/25 07:04	03/21/25 23:30	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWC-10R **Lab ID: 92782410021** Collected: 03/03/25 12:32 Received: 03/04/25 13:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/06/25 14:12	03/06/25 17:14	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**132**	mg/L	5.0	5.0	1		03/10/25 21:39		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/10/25 21:39		
Alkalinity, Total as CaCO3	**132**	mg/L	5.0	5.0	1		03/10/25 21:39		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**143**	mg/L	25.0	25.0	1		03/07/25 12:15		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.5**	mg/L	1.0	0.60	1		03/05/25 02:45	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/05/25 02:45	16984-48-8	
Sulfate	**0.90J**	mg/L	1.0	0.50	1		03/05/25 02:45	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 09:47	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:47	7440-38-2	
Barium	**0.025**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:47	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 09:47	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 09:47	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 09:47	7440-43-9	
Calcium	**41.8**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 09:47	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:47	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:47	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:47	7440-50-8	
Iron	**0.84**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 09:47	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 09:47	7439-92-1	
Magnesium	**8.1**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 09:47	7439-95-4	
Manganese	**0.0021J**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 09:47	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:47	7440-02-0	
Potassium	**0.77**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 09:47	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:47	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 09:47	7440-22-4	
Sodium	**2.0**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 09:47	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 09:47	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 09:47	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 09:47	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWC-11R **Lab ID: 92782410022** Collected: 03/03/25 15:35 Received: 03/04/25 13:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/06/25 14:12	03/06/25 17:16	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**144**	mg/L	5.0	5.0	1		03/10/25 21:55		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/10/25 21:55		
Alkalinity, Total as CaCO3	**144**	mg/L	5.0	5.0	1		03/10/25 21:55		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**150**	mg/L	25.0	25.0	1		03/07/25 12:15		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.6**	mg/L	1.0	0.60	1		03/05/25 02:59	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/05/25 02:59	16984-48-8	
Sulfate	**1.4**	mg/L	1.0	0.50	1		03/05/25 02:59	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 09:51	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:51	7440-38-2	
Barium	**0.021**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:51	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 09:51	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 09:51	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 09:51	7440-43-9	
Calcium	**33.2**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 09:51	7440-70-2	
Chromium	**0.0039J**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:51	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:51	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:51	7440-50-8	
Iron	**0.64**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 09:51	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 09:51	7439-92-1	
Magnesium	**17.8**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 09:51	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 09:51	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:51	7440-02-0	
Potassium	**1.0**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 09:51	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:51	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 09:51	7440-22-4	
Sodium	**0.92J**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 09:51	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 09:51	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 09:51	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 09:51	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWC-13 **Lab ID: 92782410023** Collected: 03/03/25 15:48 Received: 03/04/25 13:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/06/25 14:12	03/06/25 17:18	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**108**	mg/L	5.0	5.0	1		03/10/25 22:05		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/10/25 22:05		
Alkalinity, Total as CaCO3	**108**	mg/L	5.0	5.0	1		03/10/25 22:05		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**137**	mg/L	25.0	25.0	1		03/07/25 12:15		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.3**	mg/L	1.0	0.60	1		03/05/25 03:12	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/05/25 03:12	16984-48-8	
Sulfate	**15.6**	mg/L	1.0	0.50	1		03/05/25 03:12	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 09:55	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:55	7440-38-2	
Barium	**0.025**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:55	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 09:55	7440-41-7	
Boron	**0.012J**	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 09:55	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 09:55	7440-43-9	
Calcium	**31.0**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 09:55	7440-70-2	
Chromium	**0.0035J**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:55	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:55	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:55	7440-50-8	
Iron	**0.67**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 09:55	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 09:55	7439-92-1	
Magnesium	**11.8**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 09:55	7439-95-4	
Manganese	**0.052**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 09:55	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:55	7440-02-0	
Potassium	**1.8**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 09:55	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:55	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 09:55	7440-22-4	
Sodium	**1.9**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 09:55	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 09:55	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 09:55	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 09:55	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWC-14Z **Lab ID: 92782410024** Collected: 03/03/25 14:22 Received: 03/04/25 13:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/06/25 14:12	03/06/25 17:20	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**44.7**	mg/L	5.0	5.0	1		03/10/25 22:12		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/10/25 22:12		
Alkalinity, Total as CaCO3	**44.7**	mg/L	5.0	5.0	1		03/10/25 22:12		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**73.0**	mg/L	25.0	25.0	1		03/07/25 12:15		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.8**	mg/L	1.0	0.60	1		03/05/25 03:25	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/05/25 03:25	16984-48-8	
Sulfate	**6.4**	mg/L	1.0	0.50	1		03/05/25 03:25	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 09:59	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:59	7440-38-2	
Barium	**0.014**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:59	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 09:59	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 09:59	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 09:59	7440-43-9	
Calcium	**12.5**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 09:59	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:59	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:59	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:59	7440-50-8	
Iron	**0.24**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 09:59	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 09:59	7439-92-1	
Magnesium	**6.0**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 09:59	7439-95-4	
Manganese	**0.0071J**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 09:59	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:59	7440-02-0	
Potassium	**1.2**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 09:59	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 09:59	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 09:59	7440-22-4	
Sodium	**2.3**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 09:59	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 09:59	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 09:59	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 09:59	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWC-15R **Lab ID: 92782410025** Collected: 03/03/25 12:34 Received: 03/04/25 13:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/06/25 14:12	03/06/25 17:22	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**130**	mg/L	5.0	5.0	1		03/10/25 22:18		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/10/25 22:18		
Alkalinity, Total as CaCO3	**130**	mg/L	5.0	5.0	1		03/10/25 22:18		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**127**	mg/L	25.0	25.0	1		03/07/25 12:15		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.84J**	mg/L	1.0	0.60	1		03/05/25 04:06	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/05/25 04:06	16984-48-8	
Sulfate	**1.4**	mg/L	1.0	0.50	1		03/05/25 04:06	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.00058J**	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 10:03	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:03	7440-38-2	
Barium	**0.013**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:03	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 10:03	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 10:03	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 10:03	7440-43-9	
Calcium	**26.6**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 10:03	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:03	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:03	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:03	7440-50-8	
Iron	**0.68**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 10:03	7439-89-6	
Lead	**0.00040J**	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 10:03	7439-92-1	
Magnesium	**14.2**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 10:03	7439-95-4	
Manganese	**0.0013J**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 10:03	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:03	7440-02-0	
Potassium	**0.86**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 10:03	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:03	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 10:03	7440-22-4	
Sodium	**1.3**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 10:03	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 10:03	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 10:03	7440-62-2	
Zinc	**0.0035J**	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 10:03	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWC-15Z **Lab ID: 92782410026** Collected: 03/03/25 10:44 Received: 03/04/25 13:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville								
Mercury	ND	mg/L	0.00020	0.00012	1	03/06/25 14:12	03/06/25 17:24	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**126**	mg/L	5.0	5.0	1		03/10/25 22:27		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/10/25 22:27		
Alkalinity, Total as CaCO3	**126**	mg/L	5.0	5.0	1		03/10/25 22:27		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**124**	mg/L	25.0	25.0	1		03/07/25 12:56		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.80J**	mg/L	1.0	0.60	1		03/05/25 04:19	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/05/25 04:19	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/05/25 04:19	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 10:07	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:07	7440-38-2	
Barium	**0.011**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:07	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 10:07	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 10:07	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 10:07	7440-43-9	
Calcium	**24.4**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 10:07	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:07	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:07	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:07	7440-50-8	
Iron	**0.55**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 10:07	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 10:07	7439-92-1	
Magnesium	**13.6**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 10:07	7439-95-4	
Manganese	**0.0032J**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 10:07	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:07	7440-02-0	
Potassium	**0.95**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 10:07	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:07	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 10:07	7440-22-4	
Sodium	**2.7**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 10:07	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 10:07	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 10:07	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 10:07	7440-66-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWC-8RR **Lab ID: 92782410027** Collected: 03/04/25 10:15 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**100**	mg/L	5.0	5.0	1		03/11/25 14:49		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 14:49		
Alkalinity, Total as CaCO3	**100**	mg/L	5.0	5.0	1		03/11/25 14:49		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**111**	mg/L	25.0	25.0	1		03/08/25 16:57		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.61J**	mg/L	1.0	0.60	1		03/11/25 00:03	16887-00-6	
Fluoride	**0.055J**	mg/L	0.10	0.050	1		03/11/25 00:03	16984-48-8	
Sulfate	**0.98J**	mg/L	1.0	0.50	1		03/11/25 00:03	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 10:11	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:11	7440-38-2	
Barium	**0.013**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:11	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 10:11	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 10:11	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 10:11	7440-43-9	
Calcium	**22.2**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 10:11	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:11	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:11	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:11	7440-50-8	
Iron	**0.45**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 10:11	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 10:11	7439-92-1	
Magnesium	**10.4**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 10:11	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 10:11	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:11	7440-02-0	
Potassium	**1.3**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 10:11	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:11	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 10:11	7440-22-4	
Sodium	**0.88J**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 10:11	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 10:11	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 10:11	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 10:11	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/18/25 23:40	03/20/25 00:19	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWC-11 **Lab ID: 92782410028** Collected: 03/04/25 13:00 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**85.0**	mg/L	5.0	5.0	1		03/11/25 14:56		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 14:56		
Alkalinity, Total as CaCO3	**85.0**	mg/L	5.0	5.0	1		03/11/25 14:56		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**100**	mg/L	25.0	25.0	1		03/08/25 16:57		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.87J**	mg/L	1.0	0.60	1		03/11/25 00:18	16887-00-6	
Fluoride	**0.065J**	mg/L	0.10	0.050	1		03/11/25 00:18	16984-48-8	
Sulfate	**1.6**	mg/L	1.0	0.50	1		03/11/25 00:18	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 10:15	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:15	7440-38-2	
Barium	**0.010**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:15	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 10:15	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 10:15	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 10:15	7440-43-9	
Calcium	**18.9**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 10:15	7440-70-2	
Chromium	**0.0072**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:15	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:15	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:15	7440-50-8	
Iron	**0.38**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 10:15	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 10:15	7439-92-1	
Magnesium	**10.0**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 10:15	7439-95-4	
Manganese	**0.0044J**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 10:15	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:15	7440-02-0	
Potassium	**0.91**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 10:15	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:15	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 10:15	7440-22-4	
Sodium	**1.8**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 10:15	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 10:15	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 10:15	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 10:15	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/11/25 23:28	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWC-12 **Lab ID: 92782410029** Collected: 03/04/25 13:50 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**50.4**	mg/L	5.0	5.0	1		03/11/25 15:03		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 15:03		
Alkalinity, Total as CaCO3	**50.4**	mg/L	5.0	5.0	1		03/11/25 15:03		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**75.0**	mg/L	25.0	25.0	1		03/08/25 16:57		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**0.62J**	mg/L	1.0	0.60	1		03/11/25 00:33	16887-00-6	
Fluoride	**0.057J**	mg/L	0.10	0.050	1		03/11/25 00:33	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/11/25 00:33	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 10:27	7440-36-0	
Arsenic	**0.0053**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:27	7440-38-2	
Barium	**0.023**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:27	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 10:27	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 10:27	7440-42-8	1g
Cadmium	**0.00067**	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 10:27	7440-43-9	
Calcium	**7.9**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 10:27	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:27	7440-47-3	
Cobalt	**0.0033J**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:27	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:27	7440-50-8	
Iron	**9.7**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 10:27	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 10:27	7439-92-1	
Magnesium	**4.0**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 10:27	7439-95-4	
Manganese	**0.21**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 10:27	7439-96-5	
Nickel	**0.0026J**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:27	7440-02-0	
Potassium	**1.1**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 10:27	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:27	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 10:27	7440-22-4	
Sodium	**2.5**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 10:27	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 10:27	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 10:27	7440-62-2	
Zinc	**0.017J**	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 10:27	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/11/25 23:35	7439-97-6	

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(704)875-9092

ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-GWC-13RZ **Lab ID: 92782410030** Collected: 03/04/25 10:27 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**157**	mg/L	5.0	5.0	1		03/11/25 15:09		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 15:09		
Alkalinity, Total as CaCO3	**157**	mg/L	5.0	5.0	1		03/11/25 15:09		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**252**	mg/L	25.0	25.0	1		03/08/25 16:57		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**4.4**	mg/L	1.0	0.60	1		03/11/25 00:47	16887-00-6	
Fluoride	**0.16**	mg/L	0.10	0.050	1		03/11/25 00:47	16984-48-8	
Sulfate	**51.8**	mg/L	1.0	0.50	1		03/11/25 00:47	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 10:31	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:31	7440-38-2	
Barium	**0.095**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:31	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 10:31	7440-41-7	
Boron	**0.017J**	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 10:31	7440-42-8	1g
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 10:31	7440-43-9	
Calcium	**40.1**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 10:31	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:31	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:31	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:31	7440-50-8	
Iron	**0.87**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 10:31	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 10:31	7439-92-1	
Magnesium	**18.0**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 10:31	7439-95-4	
Manganese	**0.0025J**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 10:31	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:31	7440-02-0	
Potassium	**1.0**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 10:31	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:31	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 10:31	7440-22-4	
Sodium	**20.8**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 10:31	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 10:31	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 10:31	7440-62-2	
Zinc	**0.0025J**	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 10:31	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/11/25 23:38	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-LF1-2-FD-12 **Lab ID: 92782410031** Collected: 03/04/25 00:00 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**50.5**	mg/L	5.0	5.0	1		03/11/25 15:27		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 15:27		
Alkalinity, Total as CaCO3	**50.5**	mg/L	5.0	5.0	1		03/11/25 15:27		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**55.0**	mg/L	25.0	25.0	1		03/08/25 17:01		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**0.63J**	mg/L	1.0	0.60	1		03/11/25 01:32	16887-00-6	
Fluoride	**0.056J**	mg/L	0.10	0.050	1		03/11/25 01:32	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/11/25 01:32	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 10:35	7440-36-0	
Arsenic	**0.0053**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:35	7440-38-2	
Barium	**0.024**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:35	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 10:35	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 10:35	7440-42-8	1g
Cadmium	**0.00061**	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 10:35	7440-43-9	
Calcium	**7.9**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 10:35	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:35	7440-47-3	
Cobalt	**0.0032J**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:35	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:35	7440-50-8	
Iron	**9.8**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 10:35	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 10:35	7439-92-1	
Magnesium	**3.9**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 10:35	7439-95-4	
Manganese	**0.21**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 10:35	7439-96-5	
Nickel	**0.0026J**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:35	7440-02-0	
Potassium	**1.1**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 10:35	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:35	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 10:35	7440-22-4	
Sodium	**2.5**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 10:35	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 10:35	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 10:35	7440-62-2	
Zinc	**0.017J**	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 10:35	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
	Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/11/25 23:41	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-LF1-2-FB-12 **Lab ID: 92782410032** Collected: 03/04/25 14:07 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 15:33		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 15:33		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/11/25 15:33		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/08/25 17:01		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		03/10/25 20:35	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/10/25 20:35	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/10/25 20:35	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 10:39	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:39	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:39	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 10:39	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 10:39	7440-42-8	1g
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 10:39	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 10:39	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:39	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:39	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:39	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 10:39	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 10:39	7439-92-1	
Magnesium	ND	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 10:39	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 10:39	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:39	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 10:39	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:39	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 10:39	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 10:39	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 10:39	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 10:39	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 10:39	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/11/25 23:48	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Sample: BOW-LF1-2-EB-12 **Lab ID: 92782410033** Collected: 03/04/25 14:17 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 15:37		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 15:37		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/11/25 15:37		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/08/25 17:01		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		03/10/25 20:50	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/10/25 20:50	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/10/25 20:50	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 10:59	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:59	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:59	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 10:59	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 10:59	7440-42-8	1g
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 10:59	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 10:59	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:59	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:59	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:59	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 10:59	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 10:59	7439-92-1	
Magnesium	ND	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 10:59	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 10:59	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:59	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 10:59	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 10:59	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 10:59	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 10:59	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 10:59	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 10:59	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 10:59	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
	Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/11/25 23:51	7439-97-6	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 919785
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410001, 92782410002, 92782410003, 92782410004, 92782410005, 92782410006, 92782410007, 92782410008, 92782410009

METHOD BLANK: 4726410 Matrix: Water
Associated Lab Samples: 92782410001, 92782410002, 92782410003, 92782410004, 92782410005, 92782410006, 92782410007, 92782410008, 92782410009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00012	03/05/25 12:27	

LABORATORY CONTROL SAMPLE: 4726411

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0025	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4726412 4726413

Parameter	Units	92782406015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.0025	0.0025	0.0024	0.0025	96	100	75-125	4	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 919788
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410010, 92782410011, 92782410012, 92782410013, 92782410014, 92782410015

METHOD BLANK: 4726415 Matrix: Water
Associated Lab Samples: 92782410010, 92782410011, 92782410012, 92782410013, 92782410014, 92782410015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00012	03/05/25 13:29	

LABORATORY CONTROL SAMPLE: 4726416

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0024	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4726417 4726418

Parameter	Units	92782410012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.0025	0.0025	0.0025	0.0024	97	94	75-125	3	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 920104
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410016, 92782410017, 92782410018, 92782410019, 92782410020, 92782410021, 92782410022, 92782410023, 92782410024, 92782410025, 92782410026

METHOD BLANK: 4727783 Matrix: Water
Associated Lab Samples: 92782410016, 92782410017, 92782410018, 92782410019, 92782410020, 92782410021, 92782410022, 92782410023, 92782410024, 92782410025, 92782410026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.00012	03/06/25 16:49	

LABORATORY CONTROL SAMPLE: 4727784

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0025	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4727785 4727786

Parameter	Units	92782831001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.0025	0.0025	0.0025	0.0025	100	100	75-125	1	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 920554
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410012, 92782410013, 92782410014, 92782410015

METHOD BLANK: 4730303 Matrix: Water
Associated Lab Samples: 92782410012, 92782410013, 92782410014, 92782410015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/06/25 16:55	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	03/06/25 16:55	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	03/06/25 16:55	

LABORATORY CONTROL SAMPLE: 4730304

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.5	103	80-120	

LABORATORY CONTROL SAMPLE: 4730305

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.5	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4730306 4730307

Parameter	Units	92782018001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	ND	50	50	50.8	50.6	97	97	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4730308 4730309

Parameter	Units	92782018002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	ND	50	50	50.5	50.5	101	101	80-120	0	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 920556 | Analysis Method: SM 2320B-2011
QC Batch Method: SM 2320B-2011 | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410001, 92782410002, 92782410003, 92782410004, 92782410005, 92782410006, 92782410007, 92782410008

METHOD BLANK: 4730332 Matrix: Water
Associated Lab Samples: 92782410001, 92782410002, 92782410003, 92782410004, 92782410005, 92782410006, 92782410007, 92782410008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/06/25 19:59	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	03/06/25 19:59	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	03/06/25 19:59	

LABORATORY CONTROL SAMPLE: 4730333

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.3	103	80-120	

LABORATORY CONTROL SAMPLE: 4730334

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.9	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4730335 4730336

Parameter	Units	92781919016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	32.9	50	50	69.2	70.6	73	75	80-120	2	25	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4730337 4730338

Parameter	Units	92781919017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	ND	50	50	55.7	55.4	103	103	80-120	1	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 920888
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410009, 92782410010, 92782410011, 92782410016, 92782410017, 92782410018, 92782410019, 92782410020

METHOD BLANK: 4732149 Matrix: Water
Associated Lab Samples: 92782410009, 92782410010, 92782410011, 92782410016, 92782410017, 92782410018, 92782410019, 92782410020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/08/25 15:50	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	03/08/25 15:50	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	03/08/25 15:50	

LABORATORY CONTROL SAMPLE: 4732150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.9	102	80-120	

LABORATORY CONTROL SAMPLE: 4732151

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.8	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4732152 4732153

Parameter	Units	92782027001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	58800	50	50	61800	62100	5850	6610	80-120	1	25	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4732154 4732155

Parameter	Units	92782027004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	20500	50	50	20400	20700	-205	486	80-120	2	25	M1

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 921116 | Analysis Method: SM 2320B-2011
QC Batch Method: SM 2320B-2011 | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410021, 92782410022, 92782410023, 92782410024, 92782410025, 92782410026

METHOD BLANK: 4733141 Matrix: Water
Associated Lab Samples: 92782410021, 92782410022, 92782410023, 92782410024, 92782410025, 92782410026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/10/25 20:36	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	03/10/25 20:36	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	03/10/25 20:36	

LABORATORY CONTROL SAMPLE: 4733142

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.1	102	80-120	

LABORATORY CONTROL SAMPLE: 4733143

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.6	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4733144 4733145

Parameter	Units	92782603001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	172	50	50	210	212	76	81	80-120	1	25	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4733146 4733147

Parameter	Units	92782603002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	134	50	50	180	182	93	96	80-120	1	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 921378
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410027, 92782410028, 92782410029, 92782410030, 92782410031, 92782410032, 92782410033

METHOD BLANK: 4734246 Matrix: Water
Associated Lab Samples: 92782410027, 92782410028, 92782410029, 92782410030, 92782410031, 92782410032, 92782410033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/11/25 12:51	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	03/11/25 12:51	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	03/11/25 12:51	

LABORATORY CONTROL SAMPLE: 4734247

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.0	100	80-120	

LABORATORY CONTROL SAMPLE: 4734248

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.9	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4734249 4734250

Parameter	Units	92782998001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	41.7	50	50	82.4	83.3	81	83	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4734251 4734252

Parameter	Units	92782998002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	40.1	50	50	71.6	71.3	63	62	80-120	0	25	M1

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 919962 | Analysis Method: SM 2540C-2015
QC Batch Method: SM 2540C-2015 | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410012, 92782410013, 92782410014, 92782410015

METHOD BLANK: 4727362 Matrix: Water
Associated Lab Samples: 92782410012, 92782410013, 92782410014, 92782410015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	03/05/25 12:20	

LABORATORY CONTROL SAMPLE: 4727363

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	250	100	90-110	

SAMPLE DUPLICATE: 4727364

Parameter	Units	92782406005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	202	197	3	25	

SAMPLE DUPLICATE: 4727365

Parameter	Units	92782410012 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	121	116	4	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 920258 | Analysis Method: SM 2540C-2015
QC Batch Method: SM 2540C-2015 | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410001, 92782410002, 92782410003, 92782410004, 92782410005, 92782410006, 92782410007, 92782410008, 92782410009, 92782410010, 92782410011

METHOD BLANK: 4728740 | Matrix: Water
Associated Lab Samples: 92782410001, 92782410002, 92782410003, 92782410004, 92782410005, 92782410006, 92782410007, 92782410008, 92782410009, 92782410010, 92782410011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	03/06/25 13:34	

LABORATORY CONTROL SAMPLE: 4728741

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	244	97	90-110	

SAMPLE DUPLICATE: 4728742

Parameter	Units	92781919020 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	218	222	2	25	

SAMPLE DUPLICATE: 4728743

Parameter	Units	92782410002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	211	211	0	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 920667
QC Batch Method: SM 2540C-2015
Analysis Method: SM 2540C-2015
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410016, 92782410017, 92782410018, 92782410019, 92782410020, 92782410021, 92782410022, 92782410023, 92782410024, 92782410025

METHOD BLANK: 4730867 Matrix: Water
Associated Lab Samples: 92782410016, 92782410017, 92782410018, 92782410019, 92782410020, 92782410021, 92782410022, 92782410023, 92782410024, 92782410025

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	03/07/25 12:10	

LABORATORY CONTROL SAMPLE: 4730868

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	258	103	90-110	

SAMPLE DUPLICATE: 4730869

Parameter	Units	92782241001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	2140	2120	1	25	

SAMPLE DUPLICATE: 4730870

Parameter	Units	92782568003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	102	128	23	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 920670
QC Batch Method: SM 2540C-2015
Analysis Method: SM 2540C-2015
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410026

METHOD BLANK: 4730876 Matrix: Water
Associated Lab Samples: 92782410026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	03/07/25 12:55	

LABORATORY CONTROL SAMPLE: 4730877

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	252	101	90-110	

SAMPLE DUPLICATE: 4730878

Parameter	Units	92782410026 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	124	118	5	25	

SAMPLE DUPLICATE: 4730879

Parameter	Units	92782723005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	610	618	1	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 921011 | Analysis Method: SM 2540C-2015
QC Batch Method: SM 2540C-2015 | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410027, 92782410028, 92782410029, 92782410030

METHOD BLANK: 4732864 Matrix: Water
Associated Lab Samples: 92782410027, 92782410028, 92782410029, 92782410030

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	03/08/25 16:53	

LABORATORY CONTROL SAMPLE: 4732865

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	268	107	90-110	

SAMPLE DUPLICATE: 4732866

Parameter	Units	92782885001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	482	470	3	25	

SAMPLE DUPLICATE: 4732867

Parameter	Units	92783014004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	596	588	1	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 921012 | Analysis Method: SM 2540C-2015
QC Batch Method: SM 2540C-2015 | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410031, 92782410032, 92782410033

METHOD BLANK: 4732868 Matrix: Water
Associated Lab Samples: 92782410031, 92782410032, 92782410033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	03/08/25 17:01	

LABORATORY CONTROL SAMPLE: 4732869

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	238	95	90-110	

SAMPLE DUPLICATE: 4732870

Parameter	Units	92782410031 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	55.0	54.0	2	25	

SAMPLE DUPLICATE: 4732871

Parameter	Units	92782984001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	5520	5420	2	25	

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 919664
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410001, 92782410002, 92782410003, 92782410004, 92782410005, 92782410006, 92782410007, 92782410008

METHOD BLANK: 4725940 Matrix: Water
Associated Lab Samples: 92782410001, 92782410002, 92782410003, 92782410004, 92782410005, 92782410006, 92782410007, 92782410008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	03/03/25 22:03	
Fluoride	mg/L	ND	0.10	0.050	03/03/25 22:03	
Sulfate	mg/L	ND	1.0	0.50	03/03/25 22:03	

LABORATORY CONTROL SAMPLE: 4725941

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.1	102	90-110	
Fluoride	mg/L	2.5	2.6	102	90-110	
Sulfate	mg/L	50	51.7	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4725942 4725943

Parameter	Units	92782406012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	4.1	50	50	56.8	56.7	105	105	90-110	0	10	
Fluoride	mg/L	0.058J	2.5	2.5	2.6	2.7	103	105	90-110	2	10	
Sulfate	mg/L	16.1	50	50	70.1	69.8	108	107	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4725944 4725945

Parameter	Units	92782406022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	ND	50	50	48.7	52.2	97	104	90-110	7	10	
Fluoride	mg/L	ND	2.5	2.5	2.4	2.6	97	103	90-110	7	10	
Sulfate	mg/L	ND	50	50	49.0	52.3	98	105	90-110	7	10	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 919667
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410009, 92782410010, 92782410011, 92782410012, 92782410013, 92782410014, 92782410015

METHOD BLANK: 4725956 Matrix: Water
Associated Lab Samples: 92782410009, 92782410010, 92782410011, 92782410012, 92782410013, 92782410014, 92782410015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	03/03/25 21:41	
Fluoride	mg/L	ND	0.10	0.050	03/03/25 21:41	
Sulfate	mg/L	ND	1.0	0.50	03/03/25 21:41	

LABORATORY CONTROL SAMPLE: 4725957

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	51.8	104	90-110	
Fluoride	mg/L	2.5	2.5	101	90-110	
Sulfate	mg/L	50	50.2	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4725958 4725959

Parameter	Units	92782410009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	3.2	50	50	56.5	56.3	107	106	90-110	0	10	
Fluoride	mg/L	0.056J	2.5	2.5	2.6	2.6	100	100	90-110	0	10	
Sulfate	mg/L	39.5	50	50	91.1	91.0	103	103	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4725960 4725961

Parameter	Units	92782483004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	ND	50	50	51.6	53.4	103	107	90-110	3	10	
Fluoride	mg/L	ND	2.5	2.5	2.5	2.5	99	101	90-110	2	10	
Sulfate	mg/L	ND	50	50	49.5	51.2	99	102	90-110	3	10	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 919983
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410016, 92782410017, 92782410018, 92782410019, 92782410020, 92782410021, 92782410022, 92782410023, 92782410024, 92782410025, 92782410026

METHOD BLANK: 4727437 Matrix: Water
Associated Lab Samples: 92782410016, 92782410017, 92782410018, 92782410019, 92782410020, 92782410021, 92782410022, 92782410023, 92782410024, 92782410025, 92782410026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	03/04/25 20:03	
Fluoride	mg/L	ND	0.10	0.050	03/04/25 20:03	
Sulfate	mg/L	ND	1.0	0.50	03/04/25 20:03	

LABORATORY CONTROL SAMPLE: 4727438

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.0	100	90-110	
Fluoride	mg/L	2.5	2.4	98	90-110	
Sulfate	mg/L	50	49.6	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4727439 4727440

Parameter	Units	92782299001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	ND	50	50	52.3	53.3	104	106	90-110	2	10	
Fluoride	mg/L	ND	2.5	2.5	2.6	2.6	102	102	90-110	0	10	
Sulfate	mg/L	1.3	50	50	52.7	53.8	103	105	90-110	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4727441 4727442

Parameter	Units	92782410020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.0	50	50	53.3	57.3	103	111	90-110	7	10	M1
Fluoride	mg/L	ND	2.5	2.5	2.5	2.7	99	106	90-110	7	10	
Sulfate	mg/L	1.1	50	50	51.7	55.7	101	109	90-110	7	10	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 921235
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92782410027, 92782410028, 92782410029, 92782410030, 92782410031, 92782410032, 92782410033

METHOD BLANK: 4733800 Matrix: Water
Associated Lab Samples: 92782410027, 92782410028, 92782410029, 92782410030, 92782410031, 92782410032, 92782410033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	03/10/25 19:36	
Fluoride	mg/L	ND	0.10	0.050	03/10/25 19:36	
Sulfate	mg/L	ND	1.0	0.50	03/10/25 19:36	

LABORATORY CONTROL SAMPLE: 4733801

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.3	97	90-110	
Fluoride	mg/L	2.5	2.4	96	90-110	
Sulfate	mg/L	50	48.7	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4733802 4733803

Parameter	Units	92783903001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	7.1	50	50	54.7	55.5	95	97	90-110	2	10	
Fluoride	mg/L	0.42	2.5	2.5	2.9	2.9	97	99	90-110	2	10	
Sulfate	mg/L	10.1	50	50	58.5	59.3	97	98	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4733804 4733805

Parameter	Units	92783822002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.8	50	50	50.1	51.1	95	97	90-110	2	10	
Fluoride	mg/L	0.054J	2.5	2.5	2.3	2.4	91	94	90-110	3	10	
Sulfate	mg/L	21.6	50	50	69.9	71.0	97	99	90-110	2	10	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 923199
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92782410001, 92782410002, 92782410003, 92782410004, 92782410005, 92782410006, 92782410007, 92782410008, 92782410009, 92782410010, 92782410011, 92782410012, 92782410013, 92782410014, 92782410015, 92782410016, 92782410017, 92782410018, 92782410019, 92782410020

METHOD BLANK: 4743192
Matrix: Water
Associated Lab Samples: 92782410001, 92782410002, 92782410003, 92782410004, 92782410005, 92782410006, 92782410007, 92782410008, 92782410009, 92782410010, 92782410011, 92782410012, 92782410013, 92782410014, 92782410015, 92782410016, 92782410017, 92782410018, 92782410019, 92782410020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00050	03/21/25 18:49	
Arsenic	mg/L	ND	0.0050	0.0012	03/21/25 18:49	
Barium	mg/L	ND	0.0050	0.0012	03/21/25 18:49	
Beryllium	mg/L	ND	0.00050	0.00015	03/21/25 18:49	
Boron	mg/L	ND	0.040	0.0062	03/21/25 18:49	
Cadmium	mg/L	ND	0.00050	0.00012	03/21/25 18:49	
Calcium	mg/L	ND	1.0	0.10	03/21/25 18:49	
Chromium	mg/L	ND	0.0050	0.0012	03/21/25 18:49	
Cobalt	mg/L	ND	0.0050	0.0012	03/21/25 18:49	
Copper	mg/L	ND	0.0050	0.0012	03/21/25 18:49	
Iron	mg/L	ND	0.040	0.012	03/21/25 18:49	
Lead	mg/L	ND	0.0010	0.00025	03/21/25 18:49	
Magnesium	mg/L	ND	0.050	0.010	03/21/25 18:49	
Manganese	mg/L	ND	0.040	0.0012	03/21/25 18:49	
Nickel	mg/L	ND	0.0050	0.0012	03/24/25 12:27	
Potassium	mg/L	ND	0.50	0.10	03/21/25 18:49	
Selenium	mg/L	ND	0.0050	0.0012	03/21/25 18:49	
Silver	mg/L	ND	0.0050	0.00025	03/21/25 18:49	
Sodium	mg/L	ND	1.0	0.15	03/21/25 18:49	
Thallium	mg/L	ND	0.0010	0.00015	03/21/25 18:49	
Vanadium	mg/L	ND	0.010	0.0025	03/21/25 18:49	
Zinc	mg/L	ND	0.020	0.0025	03/21/25 18:49	

LABORATORY CONTROL SAMPLE: 4743193

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.10	100	80-120	
Arsenic	mg/L	0.1	0.089	89	80-120	
Barium	mg/L	0.1	0.099	99	80-120	
Beryllium	mg/L	0.1	0.092	92	80-120	
Boron	mg/L	0.1	0.094	94	80-120	
Cadmium	mg/L	0.1	0.10	102	80-120	
Calcium	mg/L	1	1.1	109	80-120	
Chromium	mg/L	0.1	0.11	111	80-120	
Cobalt	mg/L	0.1	0.11	114	80-120	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

LABORATORY CONTROL SAMPLE: 4743193

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	mg/L	0.1	0.11	105	80-120	
Iron	mg/L	1	1.1	110	80-120	
Lead	mg/L	0.1	0.11	111	80-120	
Magnesium	mg/L	1	1.1	107	80-120	
Manganese	mg/L	0.1	0.11	110	80-120	
Nickel	mg/L	0.1	0.12	120	80-120	
Potassium	mg/L	1	1.0	103	80-120	
Selenium	mg/L	0.1	0.084	84	80-120	
Silver	mg/L	0.1	0.10	104	80-120	
Sodium	mg/L	1	0.87J	87	80-120	
Thallium	mg/L	0.1	0.11	111	80-120	
Vanadium	mg/L	0.1	0.10	104	80-120	
Zinc	mg/L	0.1	0.092	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4743194 4743195

Parameter	Units	92782410002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.10	0.10	100	103	75-125	3	20	
Arsenic	mg/L	ND	0.1	0.1	0.095	0.099	95	99	75-125	4	20	
Barium	mg/L	0.024	0.1	0.1	0.12	0.12	95	100	75-125	4	20	
Beryllium	mg/L	ND	0.1	0.1	0.096	0.098	96	98	75-125	2	20	
Boron	mg/L	ND	0.1	0.1	0.10	0.10	96	99	75-125	3	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.11	102	106	75-125	4	20	
Calcium	mg/L	41.7	1	1	43.6	43.1	189	142	75-125	1	20	M1
Chromium	mg/L	ND	0.1	0.1	0.11	0.11	106	109	75-125	3	20	
Cobalt	mg/L	ND	0.1	0.1	0.11	0.11	106	108	75-125	2	20	
Copper	mg/L	ND	0.1	0.1	0.099	0.10	99	104	75-125	5	20	
Iron	mg/L	0.025J	1	1	1.1	1.1	104	106	75-125	2	20	
Lead	mg/L	ND	0.1	0.1	0.10	0.11	104	107	75-125	4	20	
Magnesium	mg/L	13.9	1	1	14.5	14.6	60	73	75-125	1	20	M1
Manganese	mg/L	0.0069J	0.1	0.1	0.12	0.11	108	107	75-125	1	20	
Nickel	mg/L	ND	0.1	0.1	0.11	0.11	107	108	75-125	2	20	
Potassium	mg/L	0.88	1	1	1.9	1.9	102	103	75-125	1	20	
Selenium	mg/L	ND	0.1	0.1	0.094	0.096	92	95	75-125	3	20	
Silver	mg/L	ND	0.1	0.1	0.098	0.10	98	100	75-125	2	20	
Sodium	mg/L	1.5	1	1	2.4	2.5	95	103	75-125	3	20	
Thallium	mg/L	ND	0.1	0.1	0.11	0.11	105	109	75-125	4	20	
Vanadium	mg/L	ND	0.1	0.1	0.10	0.10	101	104	75-125	3	20	
Zinc	mg/L	ND	0.1	0.1	0.094	0.099	94	99	75-125	5	20	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 923445
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92782410021, 92782410022, 92782410023, 92782410024, 92782410025, 92782410026, 92782410027, 92782410028, 92782410029, 92782410030, 92782410031, 92782410032, 92782410033

METHOD BLANK: 4744594
Matrix: Water
Associated Lab Samples: 92782410021, 92782410022, 92782410023, 92782410024, 92782410025, 92782410026, 92782410027, 92782410028, 92782410029, 92782410030, 92782410031, 92782410032, 92782410033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00050	03/26/25 09:39	
Arsenic	mg/L	ND	0.0050	0.0012	03/26/25 09:39	
Barium	mg/L	ND	0.0050	0.0012	03/26/25 09:39	
Beryllium	mg/L	ND	0.00050	0.00015	03/26/25 09:39	
Boron	mg/L	ND	0.040	0.0062	03/26/25 09:39	
Cadmium	mg/L	ND	0.00050	0.00012	03/26/25 09:39	
Calcium	mg/L	ND	1.0	0.10	03/26/25 09:39	
Chromium	mg/L	ND	0.0050	0.0012	03/26/25 09:39	
Cobalt	mg/L	ND	0.0050	0.0012	03/26/25 09:39	
Copper	mg/L	ND	0.0050	0.0012	03/26/25 09:39	
Iron	mg/L	ND	0.040	0.012	03/26/25 09:39	
Lead	mg/L	ND	0.0010	0.00025	03/26/25 09:39	
Magnesium	mg/L	ND	0.050	0.010	03/26/25 09:39	
Manganese	mg/L	ND	0.040	0.0012	03/26/25 09:39	
Nickel	mg/L	ND	0.0050	0.0012	03/26/25 09:39	
Potassium	mg/L	ND	0.50	0.10	03/26/25 09:39	
Selenium	mg/L	ND	0.0050	0.0012	03/26/25 09:39	
Silver	mg/L	ND	0.0050	0.00025	03/26/25 09:39	
Sodium	mg/L	ND	1.0	0.15	03/26/25 09:39	
Thallium	mg/L	ND	0.0010	0.00015	03/26/25 09:39	
Vanadium	mg/L	ND	0.010	0.0025	03/26/25 09:39	
Zinc	mg/L	ND	0.020	0.0025	03/26/25 09:39	

LABORATORY CONTROL SAMPLE: 4744595

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.096	96	80-120	
Arsenic	mg/L	0.1	0.10	100	80-120	
Barium	mg/L	0.1	0.098	98	80-120	
Beryllium	mg/L	0.1	0.097	97	80-120	
Boron	mg/L	0.1	0.099	99	80-120	
Cadmium	mg/L	0.1	0.098	98	80-120	
Calcium	mg/L	1	1.0	101	80-120	
Chromium	mg/L	0.1	0.10	101	80-120	
Cobalt	mg/L	0.1	0.11	107	80-120	
Copper	mg/L	0.1	0.11	106	80-120	
Iron	mg/L	1	1.0	103	80-120	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

LABORATORY CONTROL SAMPLE: 4744595

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/L	0.1	0.098	98	80-120	
Magnesium	mg/L	1	1.0	102	80-120	
Manganese	mg/L	0.1	0.10	104	80-120	
Nickel	mg/L	0.1	0.11	106	80-120	
Potassium	mg/L	1	1.1	106	80-120	
Selenium	mg/L	0.1	0.10	101	80-120	
Silver	mg/L	0.1	0.10	103	80-120	
Sodium	mg/L	1	1.0	104	80-120	
Thallium	mg/L	0.1	0.098	98	80-120	
Vanadium	mg/L	0.1	0.10	103	80-120	
Zinc	mg/L	0.1	0.11	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4744596 4744597

Parameter	Units	92782410032 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.094	0.095	94	95	75-125	2	20	
Arsenic	mg/L	ND	0.1	0.1	0.099	0.10	99	100	75-125	1	20	
Barium	mg/L	ND	0.1	0.1	0.097	0.098	97	98	75-125	0	20	
Beryllium	mg/L	ND	0.1	0.1	0.098	0.099	98	99	75-125	0	20	
Boron	mg/L	ND	0.1	0.1	0.097	0.098	97	97	75-125	1	20	
Cadmium	mg/L	ND	0.1	0.1	0.098	0.099	98	99	75-125	1	20	
Calcium	mg/L	ND	1	1	1.0	0.99J	100	98	75-125	3	20	
Chromium	mg/L	ND	0.1	0.1	0.10	0.10	101	100	75-125	0	20	
Cobalt	mg/L	ND	0.1	0.1	0.11	0.11	106	106	75-125	0	20	
Copper	mg/L	ND	0.1	0.1	0.11	0.11	106	108	75-125	2	20	
Iron	mg/L	ND	1	1	1.0	1.0	104	102	75-125	2	20	
Lead	mg/L	ND	0.1	0.1	0.098	0.097	98	97	75-125	1	20	
Magnesium	mg/L	ND	1	1	1.0	1.0	100	100	75-125	1	20	
Manganese	mg/L	ND	0.1	0.1	0.10	0.10	103	104	75-125	1	20	
Nickel	mg/L	ND	0.1	0.1	0.11	0.11	105	107	75-125	2	20	
Potassium	mg/L	ND	1	1	0.99	1.0	99	102	75-125	4	20	
Selenium	mg/L	ND	0.1	0.1	0.098	0.10	98	100	75-125	2	20	
Silver	mg/L	ND	0.1	0.1	0.10	0.10	103	104	75-125	1	20	
Sodium	mg/L	ND	1	1	1.0	1.0	100	101	75-125	1	20	
Thallium	mg/L	ND	0.1	0.1	0.098	0.098	98	98	75-125	0	20	
Vanadium	mg/L	ND	0.1	0.1	0.10	0.10	101	101	75-125	0	20	
Zinc	mg/L	ND	0.1	0.1	0.11	0.11	107	108	75-125	0	20	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 921044
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92782410028, 92782410029, 92782410030, 92782410031, 92782410032, 92782410033

METHOD BLANK: 4732938 Matrix: Water
Associated Lab Samples: 92782410028, 92782410029, 92782410030, 92782410031, 92782410032, 92782410033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000091	03/11/25 23:18	

LABORATORY CONTROL SAMPLE: 4732939

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0021	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4732942 4732943

Parameter	Units	92783822002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.002	0.002	0.0022	0.0022	112	110	80-120	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4735065 4735066

Parameter	Units	92782410028 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.002	0.002	0.0022	0.0022	108	110	80-120	1	20	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

QC Batch: 923132
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92782410027

METHOD BLANK: 4742950 Matrix: Water
Associated Lab Samples: 92782410027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000091	03/19/25 23:51	

LABORATORY CONTROL SAMPLE: 4742951

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0022	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4742952 4742953

Parameter	Units	92783843003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.002	0.002	0.0022	0.0021	107	104	80-120	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4742954 4742955

Parameter	Units	92784912002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	<0.091 ug/L	0.002	0.002	0.0014	0.0014	69	69	80-120	0	20	M1

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QUALIFIERS

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1g	The continuing calibration verification (CCV) for this analyte is above laboratory acceptance limits. The analyte was not detected above the reporting limit in any of the associated samples.
2g	The same analyte was detected in an associated instrument blank at a concentration above 1/2 the reporting limit but below the reporting limit. The concentration in the sample was non-detect.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92782410001	**BOW-GWA-1**	EPA 7470A	919785	EPA 7470A	920120
92782410002	**BOW-GWA-2**	EPA 7470A	919785	EPA 7470A	920120
92782410003	**BOW-GWA-2R**	EPA 7470A	919785	EPA 7470A	920120
92782410004	**BOW-GWA-50**	EPA 7470A	919785	EPA 7470A	920120
92782410005	**BOW-GWC-5**	EPA 7470A	919785	EPA 7470A	920120
92782410006	**BOW-GWC-6**	EPA 7470A	919785	EPA 7470A	920120
92782410007	**BOW-GWC-6RZ**	EPA 7470A	919785	EPA 7470A	920120
92782410008	**BOW-GWC-7Z**	EPA 7470A	919785	EPA 7470A	920120
92782410009	**BOW-LF1-2-FD-11**	EPA 7470A	919785	EPA 7470A	920120
92782410010	**BOW-LF1-2-FB-11**	EPA 7470A	919788	EPA 7470A	920122
92782410011	**BOW-LF1-2-EB-11**	EPA 7470A	919788	EPA 7470A	920122
92782410012	**BOW-GWA-3A**	EPA 7470A	919788	EPA 7470A	920122
92782410013	**BOW-LF1-2-FD-10**	EPA 7470A	919788	EPA 7470A	920122
92782410014	**BOW-LF1-2-FB-10**	EPA 7470A	919788	EPA 7470A	920122
92782410015	**BOW-LF1-2-EB-10**	EPA 7470A	919788	EPA 7470A	920122
92782410016	**BOW-GWA-4RZ**	EPA 7470A	920104	EPA 7470A	920571
92782410017	**BOW-GWA-50R**	EPA 7470A	920104	EPA 7470A	920571
92782410018	**BOW-GWC-8Z**	EPA 7470A	920104	EPA 7470A	920571
92782410019	**BOW-GWC-9**	EPA 7470A	920104	EPA 7470A	920571
92782410020	**BOW-GWC-10**	EPA 7470A	920104	EPA 7470A	920571
92782410021	**BOW-GWC-10R**	EPA 7470A	920104	EPA 7470A	920571
92782410022	**BOW-GWC-11R**	EPA 7470A	920104	EPA 7470A	920571
92782410023	**BOW-GWC-13**	EPA 7470A	920104	EPA 7470A	920571
92782410024	**BOW-GWC-14Z**	EPA 7470A	920104	EPA 7470A	920571
92782410025	**BOW-GWC-15R**	EPA 7470A	920104	EPA 7470A	920571
92782410026	**BOW-GWC-15Z**	EPA 7470A	920104	EPA 7470A	920571
92782410001	**BOW-GWA-1**	SM 2320B-2011	920556		
92782410002	**BOW-GWA-2**	SM 2320B-2011	920556		
92782410003	**BOW-GWA-2R**	SM 2320B-2011	920556		
92782410004	**BOW-GWA-50**	SM 2320B-2011	920556		
92782410005	**BOW-GWC-5**	SM 2320B-2011	920556		
92782410006	**BOW-GWC-6**	SM 2320B-2011	920556		
92782410007	**BOW-GWC-6RZ**	SM 2320B-2011	920556		
92782410008	**BOW-GWC-7Z**	SM 2320B-2011	920556		
92782410009	**BOW-LF1-2-FD-11**	SM 2320B-2011	920888		
92782410010	**BOW-LF1-2-FB-11**	SM 2320B-2011	920888		
92782410011	**BOW-LF1-2-EB-11**	SM 2320B-2011	920888		
92782410012	**BOW-GWA-3A**	SM 2320B-2011	920554		
92782410013	**BOW-LF1-2-FD-10**	SM 2320B-2011	920554		
92782410014	**BOW-LF1-2-FB-10**	SM 2320B-2011	920554		
92782410015	**BOW-LF1-2-EB-10**	SM 2320B-2011	920554		
92782410016	**BOW-GWA-4RZ**	SM 2320B-2011	920888		
92782410017	**BOW-GWA-50R**	SM 2320B-2011	920888		
92782410018	**BOW-GWC-8Z**	SM 2320B-2011	920888		
92782410019	**BOW-GWC-9**	SM 2320B-2011	920888		
92782410020	**BOW-GWC-10**	SM 2320B-2011	920888		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92782410021	**BOW-GWC-10R**	SM 2320B-2011	921116		
92782410022	**BOW-GWC-11R**	SM 2320B-2011	921116		
92782410023	**BOW-GWC-13**	SM 2320B-2011	921116		
92782410024	**BOW-GWC-14Z**	SM 2320B-2011	921116		
92782410025	**BOW-GWC-15R**	SM 2320B-2011	921116		
92782410026	**BOW-GWC-15Z**	SM 2320B-2011	921116		
92782410027	**BOW-GWC-8RR**	SM 2320B-2011	921378		
92782410028	**BOW-GWC-11**	SM 2320B-2011	921378		
92782410029	**BOW-GWC-12**	SM 2320B-2011	921378		
92782410030	**BOW-GWC-13RZ**	SM 2320B-2011	921378		
92782410031	**BOW-LF1-2-FD-12**	SM 2320B-2011	921378		
92782410032	**BOW-LF1-2-FB-12**	SM 2320B-2011	921378		
92782410033	**BOW-LF1-2-EB-12**	SM 2320B-2011	921378		
92782410001	**BOW-GWA-1**	SM 2540C-2015	920258		
92782410002	**BOW-GWA-2**	SM 2540C-2015	920258		
92782410003	**BOW-GWA-2R**	SM 2540C-2015	920258		
92782410004	**BOW-GWA-50**	SM 2540C-2015	920258		
92782410005	**BOW-GWC-5**	SM 2540C-2015	920258		
92782410006	**BOW-GWC-6**	SM 2540C-2015	920258		
92782410007	**BOW-GWC-6RZ**	SM 2540C-2015	920258		
92782410008	**BOW-GWC-7Z**	SM 2540C-2015	920258		
92782410009	**BOW-LF1-2-FD-11**	SM 2540C-2015	920258		
92782410010	**BOW-LF1-2-FB-11**	SM 2540C-2015	920258		
92782410011	**BOW-LF1-2-EB-11**	SM 2540C-2015	920258		
92782410012	**BOW-GWA-3A**	SM 2540C-2015	919962		
92782410013	**BOW-LF1-2-FD-10**	SM 2540C-2015	919962		
92782410014	**BOW-LF1-2-FB-10**	SM 2540C-2015	919962		
92782410015	**BOW-LF1-2-EB-10**	SM 2540C-2015	919962		
92782410016	**BOW-GWA-4RZ**	SM 2540C-2015	920667		
92782410017	**BOW-GWA-50R**	SM 2540C-2015	920667		
92782410018	**BOW-GWC-8Z**	SM 2540C-2015	920667		
92782410019	**BOW-GWC-9**	SM 2540C-2015	920667		
92782410020	**BOW-GWC-10**	SM 2540C-2015	920667		
92782410021	**BOW-GWC-10R**	SM 2540C-2015	920667		
92782410022	**BOW-GWC-11R**	SM 2540C-2015	920667		
92782410023	**BOW-GWC-13**	SM 2540C-2015	920667		
92782410024	**BOW-GWC-14Z**	SM 2540C-2015	920667		
92782410025	**BOW-GWC-15R**	SM 2540C-2015	920667		
92782410026	**BOW-GWC-15Z**	SM 2540C-2015	920670		
92782410027	**BOW-GWC-8RR**	SM 2540C-2015	921011		
92782410028	**BOW-GWC-11**	SM 2540C-2015	921011		
92782410029	**BOW-GWC-12**	SM 2540C-2015	921011		
92782410030	**BOW-GWC-13RZ**	SM 2540C-2015	921011		
92782410031	**BOW-LF1-2-FD-12**	SM 2540C-2015	921012		
92782410032	**BOW-LF1-2-FB-12**	SM 2540C-2015	921012		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92782410033	**BOW-LF1-2-EB-12**	SM 2540C-2015	921012		
92782410001	**BOW-GWA-1**	EPA 300.0 Rev 2.1 1993	919664		
92782410002	**BOW-GWA-2**	EPA 300.0 Rev 2.1 1993	919664		
92782410003	**BOW-GWA-2R**	EPA 300.0 Rev 2.1 1993	919664		
92782410004	**BOW-GWA-50**	EPA 300.0 Rev 2.1 1993	919664		
92782410005	**BOW-GWC-5**	EPA 300.0 Rev 2.1 1993	919664		
92782410006	**BOW-GWC-6**	EPA 300.0 Rev 2.1 1993	919664		
92782410007	**BOW-GWC-6RZ**	EPA 300.0 Rev 2.1 1993	919664		
92782410008	**BOW-GWC-7Z**	EPA 300.0 Rev 2.1 1993	919664		
92782410009	**BOW-LF1-2-FD-11**	EPA 300.0 Rev 2.1 1993	919667		
92782410010	**BOW-LF1-2-FB-11**	EPA 300.0 Rev 2.1 1993	919667		
92782410011	**BOW-LF1-2-EB-11**	EPA 300.0 Rev 2.1 1993	919667		
92782410012	**BOW-GWA-3A**	EPA 300.0 Rev 2.1 1993	919667		
92782410013	**BOW-LF1-2-FD-10**	EPA 300.0 Rev 2.1 1993	919667		
92782410014	**BOW-LF1-2-FB-10**	EPA 300.0 Rev 2.1 1993	919667		
92782410015	**BOW-LF1-2-EB-10**	EPA 300.0 Rev 2.1 1993	919667		
92782410016	**BOW-GWA-4RZ**	EPA 300.0 Rev 2.1 1993	919983		
92782410017	**BOW-GWA-50R**	EPA 300.0 Rev 2.1 1993	919983		
92782410018	**BOW-GWC-8Z**	EPA 300.0 Rev 2.1 1993	919983		
92782410019	**BOW-GWC-9**	EPA 300.0 Rev 2.1 1993	919983		
92782410020	**BOW-GWC-10**	EPA 300.0 Rev 2.1 1993	919983		
92782410021	**BOW-GWC-10R**	EPA 300.0 Rev 2.1 1993	919983		
92782410022	**BOW-GWC-11R**	EPA 300.0 Rev 2.1 1993	919983		
92782410023	**BOW-GWC-13**	EPA 300.0 Rev 2.1 1993	919983		
92782410024	**BOW-GWC-14Z**	EPA 300.0 Rev 2.1 1993	919983		
92782410025	**BOW-GWC-15R**	EPA 300.0 Rev 2.1 1993	919983		
92782410026	**BOW-GWC-15Z**	EPA 300.0 Rev 2.1 1993	919983		
92782410027	**BOW-GWC-8RR**	EPA 300.0 Rev 2.1 1993	921235		
92782410028	**BOW-GWC-11**	EPA 300.0 Rev 2.1 1993	921235		
92782410029	**BOW-GWC-12**	EPA 300.0 Rev 2.1 1993	921235		
92782410030	**BOW-GWC-13RZ**	EPA 300.0 Rev 2.1 1993	921235		
92782410031	**BOW-LF1-2-FD-12**	EPA 300.0 Rev 2.1 1993	921235		
92782410032	**BOW-LF1-2-FB-12**	EPA 300.0 Rev 2.1 1993	921235		
92782410033	**BOW-LF1-2-EB-12**	EPA 300.0 Rev 2.1 1993	921235		
92782410001	**BOW-GWA-1**	EPA 3005A	923199	EPA 6020B	924131
92782410002	**BOW-GWA-2**	EPA 3005A	923199	EPA 6020B	924131
92782410003	**BOW-GWA-2R**	EPA 3005A	923199	EPA 6020B	924131
92782410004	**BOW-GWA-50**	EPA 3005A	923199	EPA 6020B	924131
92782410005	**BOW-GWC-5**	EPA 3005A	923199	EPA 6020B	924131
92782410006	**BOW-GWC-6**	EPA 3005A	923199	EPA 6020B	924131
92782410007	**BOW-GWC-6RZ**	EPA 3005A	923199	EPA 6020B	924131
92782410008	**BOW-GWC-7Z**	EPA 3005A	923199	EPA 6020B	924131
92782410009	**BOW-LF1-2-FD-11**	EPA 3005A	923199	EPA 6020B	924131
92782410010	**BOW-LF1-2-FB-11**	EPA 3005A	923199	EPA 6020B	924131
92782410011	**BOW-LF1-2-EB-11**	EPA 3005A	923199	EPA 6020B	924131
92782410012	**BOW-GWA-3A**	EPA 3005A	923199	EPA 6020B	924131

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bowen LF Cells 1&2
Pace Project No.: 92782410

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92782410013	**BOW-LF1-2-FD-10**	EPA 3005A	923199	EPA 6020B	924131
92782410014	**BOW-LF1-2-FB-10**	EPA 3005A	923199	EPA 6020B	924131
92782410015	**BOW-LF1-2-EB-10**	EPA 3005A	923199	EPA 6020B	924131
92782410016	**BOW-GWA-4RZ**	EPA 3005A	923199	EPA 6020B	924131
92782410017	**BOW-GWA-50R**	EPA 3005A	923199	EPA 6020B	924131
92782410018	**BOW-GWC-8Z**	EPA 3005A	923199	EPA 6020B	924131
92782410019	**BOW-GWC-9**	EPA 3005A	923199	EPA 6020B	924131
92782410020	**BOW-GWC-10**	EPA 3005A	923199	EPA 6020B	924131
92782410021	**BOW-GWC-10R**	EPA 3005A	923445	EPA 6020B	924940
92782410022	**BOW-GWC-11R**	EPA 3005A	923445	EPA 6020B	924940
92782410023	**BOW-GWC-13**	EPA 3005A	923445	EPA 6020B	924940
92782410024	**BOW-GWC-14Z**	EPA 3005A	923445	EPA 6020B	924940
92782410025	**BOW-GWC-15R**	EPA 3005A	923445	EPA 6020B	924940
92782410026	**BOW-GWC-15Z**	EPA 3005A	923445	EPA 6020B	924940
92782410027	**BOW-GWC-8RR**	EPA 3005A	923445	EPA 6020B	924940
92782410028	**BOW-GWC-11**	EPA 3005A	923445	EPA 6020B	924940
92782410029	**BOW-GWC-12**	EPA 3005A	923445	EPA 6020B	924940
92782410030	**BOW-GWC-13RZ**	EPA 3005A	923445	EPA 6020B	924940
92782410031	**BOW-LF1-2-FD-12**	EPA 3005A	923445	EPA 6020B	924940
92782410032	**BOW-LF1-2-FB-12**	EPA 3005A	923445	EPA 6020B	924940
92782410033	**BOW-LF1-2-EB-12**	EPA 3005A	923445	EPA 6020B	924940
92782410027	**BOW-GWC-8RR**	EPA 7470A	923132	EPA 7470A	923776
92782410028	**BOW-GWC-11**	EPA 7470A	921044	EPA 7470A	921824
92782410029	**BOW-GWC-12**	EPA 7470A	921044	EPA 7470A	921824
92782410030	**BOW-GWC-13RZ**	EPA 7470A	921044	EPA 7470A	921824
92782410031	**BOW-LF1-2-FD-12**	EPA 7470A	921044	EPA 7470A	921824
92782410032	**BOW-LF1-2-FB-12**	EPA 7470A	921044	EPA 7470A	921824
92782410033	**BOW-LF1-2-EB-12**	EPA 7470A	921044	EPA 7470A	921824

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without the written consent of Pace Analytical Services, LLC.

DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

WO# : 92782410

92782410

Sample Condition Upon Receipt

Client Name: GA Power

Project #:

Courier: ☐ Commercial ☑ Pace ☐ Fed Ex ☐ UPS ☐ USPS ☐ Other:____ ☐ Client

Custody Seal Present? ☑ Yes ☐ No Seals Intact? ☑ Yes ☐ No ☐ N/A

Date/Initials Person Examining Contents: 2/26/25 mm

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☐ IR Gun ID: 214

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 4.0 Correction Factor: Add/Subtract (°C) 0

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 4.0

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☑ No	☐ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WG				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

WO#: 92782410

PM: BV Due Date: 03/17/25

CLIENT: 92-GP-BOWLF

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles
***Check all unpreserved Nitrates for chlorine

Project #

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																													
1		2	1				2																						
2		2	1				2																						
3		2	1				2																						
4		2	1				2																						
5		2	1				2																						
6		2	1				2																						
7		2	1				2																						
8		2	1				2																						
9		2	1				2																						
10		2	1				2																						
11		2	1				2																						
12		2	1				2																						

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles
***Check all unpreserved Nitrates for chlorine

Project #

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client_____ Profile/FZ (Circle one)_____ Notes_____

Items	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH4)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																													
1		2	1				2																						
2		2	1				2																						
3		2	1				2																						
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pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

92782410

Scan QR Code for instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gangi
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 1&2	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPC82474-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
	Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 50mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: EZ 3225293

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F-, SO4-2, Cl-	App. Metals I/II/III + Slate Metals	Sample Comment	Preservation non-conformance identified for sample
BOW-GWA-1	WG	G			2/27/25	1247	5			X	X	X	X	001	
BOW-GWA-2	WG	G			2/27/25	1450	5			X	X	X	X	002	
BOW-GWA-2R	WG	G			2/27/25	1108	5			X	X	X	X	003	
BOW-GWA-3A	WG	G					5			X	X	X	X		
BOW-GWA-4RZ	WG	G					5			X	X	X	X		
BOW-GWA-50	WG	G			2/27/25	1544	5			X	X	X	X	004	
BOW-GWA-50R	WG	G					5			X	X	X	X		
BOW-GWC-5	WG	G			2/27/25	1200	5			X	X	X	X	005	
BOW-GWC-6	WG	G			2/27/25	1345	5			X	X	X	X	006	
BOW-GWC-6RZ	WG	G			2/27/25	1500	5			X	X	X	X	007	

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App III: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Siewert, Natalia Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name

Signature

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
EnSafe	2/28/25 1017	Pace	2/28/25 1017
Pace	2/28/25 1540		2/28/25 1540

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen

Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308

Customer Project #:

Project Name: Bowen LF Cells 1&2

Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko, John Mocko

Phone #: (470) 217-0008

E-Mail: knjurink@southernco.com

Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gangi

Invoice to: Account Payable

Invoice E-mail: georgiapowerinvoices@southernco.com

Purchase Order # (if applicable): GPC82474-0006

Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level I [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F^-, SO_4^{2-}, Cl^-	App. Metals I/II/III + State Metals	Sample Comment
BOW-GWC-7Z	WG	G			2/27/25	1543	5			X	X	X	X	008
BOW-GWC-8Z	WG	G					5			X	X	X	X	
BOW-GWC-8RR	WG	G					5			X	X	X	X	
BOW-GWC-9	WG	G					5			X	X	X	X	
BOW-GWC-10	WG	G					5			X	X	X	X	
BOW-GWC-10R	WG	G					5			X	X	X	X	
BOW-GWC-11	WG	G					5			X	X	X	X	
BOW-GWC-11R	WG	G					5			X	X	X	X	
BOW-GWC-12	WG	G					5			X	X	X	X	
BOW-GWC-13	WG	G					5			X	X	X	X	

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: EZ 3225293

Preservation non-conformance identified for sample

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App III: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name

Signature

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
[signature] / EnSafe	2/28/25 1017	[signature] / Pace	2/28/25 1017	
[signature] / Pace	2/28/25 1540	[signature]	2/28/25 1540	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 3

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123

Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: krjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noella Gangi
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 1&2	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPC82474-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
	Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; Acct/Num / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: EZ 3225293

Preservation non-conformance identified for sample

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F-, SO4 2-, Cl-	App. Metals III/III + State Metals	Sample Comment
BOW-GWC-13RZ	WG	G					5			X	X	X	X	
BOW-GWC-14Z	WG	G					5			X	X	X	X	
BOW-GWC-15R	WG	G					5			X	X	X	X	
BOW-GWC-15Z	WG	G			15R		5			X	X	X	X	
BOW-LF1-2-FD-11	WG	G			2/27/25	—	5			X	X	X	X	009
BOW-LF1-2-FD-	WG	G					5			X	X	X	X	
BOW-LF1-2-FD-	WG	G					5			X	X	X	X	
BOW-LF1-2-FB-11	WQ	G			2/27/25	1620	5			X	X	X	X	010
BOW-LF1-2-EB-11	WQ	G			2/27/25	1615	5			X	X	X	X	011

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App III: Antimony, Arsenic, Boron, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name

Signature

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
EnSafe	2/28/25 1017	Lynn Williams / Pace	2/28/25 1017	
Relinquished by/Company: (Signature) Lynn Williams / Pace	Date/Time: 2/28/25 1540	Received by/Company: (Signature)	Date/Time: 2/28/25 1540	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 3 of 3

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORO-0019_v02_110123 ©

Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noella Gangi
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 1&2	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPC82474-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program: (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
	Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 50mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F, SO_4^{2-}, Cl	App. Metals I/II/III + State Metals	Sample Comment
BOW-GWA-1	WG	G					5			X	X	X	X	
BOW-GWA-2	WG	G					5			X	X	X	X	
BOW-GWA-2R	WG	G					5			X	X	X	X	
BOW-GWA-3A	WG	G			2/26/25	1544	5			X	X	X	X	012
BOW-GWA-4RZ	WG	G					5			X	X	X	X	
BOW-GWA-50	WG	G					5			X	X	X	X	
BOW-GWA-50R	WG	G					5			X	X	X	X	
BOW-GWC-5	WG	G					5			X	X	X	X	
BOW-GWC-6	WG	G					5			X	X	X	X	
BOW-GWC-6RZ	WG	G					5			X	X	X	X	

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16432; Prelog / Bottle Ord. ID: EZ 3225293

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App I/II: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected by: William Laaker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne
Printed Name
Signature

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
EnSafe	2/25/25 1017	Ryan Williams / Pace	2/26/25 1017	
Ryan Williams / Pace	2/26/25 1540		2/28/25 1540	Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 3

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Pace® Location Requested (City/State):

Pace Analytical: Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for Instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noella Gangi
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 1&2	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPC82474-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
	Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: Bonnie Vang

AcctNum / Client ID:

Table #:

Profile / Template: 16492

Prelog / Bottle Ord. ID: EZ 3225293

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F-, SO4 2-, Cl-	App. Metals III/III + State Metals	Sample Comment	Preservation non-conformance identified for sample
BOW-GWC-13RZ	WG	G					5			X	X	X	X		
BOW-GWC-14Z	WG	G					5			X	X	X	X		
BOW-GWC-15R	WG	G					5			X	X	X	X		
BOW-GWC-15Z	WG	G					5			X	X	X	X		
BOW-LF1-2-FD-10	WG	G			2/26/25	—	5			X	X	X	X	013	
BOW-LF1-2-FD-	WG	G					5			X	X	X	X		
BOW-LF1-2-FD-	WG	G					5			X	X	X	X		
BOW-LF1-2-FB-10	WQ	G			2/26/25	1623	5			X	X	X	X	014	
BOW-LF1-2-EB-10	WQ	G			2/26/25	1616	5			X	X	X	X	015	

Additional Instructions from Pace® :

Task Code: BOW-CCR-ASSMT-2025S1

App IB: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App IIB: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name

Signature

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
EnSafe	2/28/25 1017	William / Pace	2/28/25 1017	
Relinquished by/Company: (Signature) William / Pace	2/28/25 1540	Received by/Company: (Signature)	2/28/25 1540	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 3 of 3

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

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Pace ANALYTICAL SERVICES

Effective Date: 05/24/2024

aboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: GA Power

Project #:

Courier: ☐ Commercial ☐ Fed Ex ☑ Pace ☐ UPS ☐ USPS ☐ Other:____ ☐ Client

Custody Seal Present? ☐ Yes ☑ No Seals Intact? ☐ Yes ☑ No ☐ N/A

Date/Initials Person Examining Contents: 5/16 SCT

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☐ N/A

Thermometer:
☑ IR Gun ID: 220

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 4.6 Correction Factor: Add/Subtract (°C) -0.1

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 4.5

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☑ Yes	☐ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☐ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☐ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: L				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

Field Data Required? ☐ Yes ☐ No

AMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

T NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

Trax ID: 69614

DC#_Title: ENV-FRM-HUNT-0003 v03_Sample...

Effective Date: 05/24/2024

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles
***Check all unpreserved Nitrates for chlorine

Project #

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP2Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG9A-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3B-250 mL Plastic (NH4)2SO4 (9.3-9.7)	AGDU-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																													
1		2	1				2	1																					
2		2	1				2	1																					
3		2	1				2	1																					
4		2	1				2	1																					
5		2	1				2	1																					
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gangi
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 1&2	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPC82474-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, NCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
	Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F, SO4, Cl	App. Metals III/III + State Metals	Lab Use Only	Sample Comment	Preservation non-conformance identified for sample
BOW-GWA-1	WG	G					5			X	X	X	X			
BOW-GWA-2	WG	G					5			X	X	X	X			
BOW-GWA-2R	WG	G					5			X	X	X	X			
BOW-GWA-3A	WG	G					5			X	X	X	X			
BOW-GWA-4RZ	WG	G			2/28/25	0953	5			X	X	X	X		016	
BOW-GWA-50	WG	G					5			X	X	X	X			
BOW-GWA-50R	WG	G			2/28/25	1124	5			X	X	X	X		017	
BOW-GWC-5	WG	G					5			X	X	X	X			
BOW-GWC-6	WG	G					5			X	X	X	X			
BOW-GWC-6RZ	WG	G					5			X	X	X	X			

Lab Use Only:
- Proj. Mgr: Bonnie Vang
- AcctNum / Client ID:
- Table #:
- Profile / Template: 16492
- Prelog / Bottle Ord. ID: EZ 3225293

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App III: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne
Printed Name
Signature: ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
EnSafe	03/04/25 1239	Ryan Williams / Pace	3/4/25 1239	
Ryan Williams / Pace	3/4/25 1856		3/4/25 1350	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 3

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

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Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave, Suite 130, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields.

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for Instructions

Company Name: Georgia Power - Bowen

Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308

Customer Project #:

Project Name: Bowen LF Cells 1&2

Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko, John Mocko

Phone #: (470) 217-0008

E-MAIL: krjurink@southernco.com

Cc E-Mail: Laura Mickift, Ben Hodges, Mike Smillay, Noelia Gangi

Invoice to: Account Payable

Invoice E-mail: georgiapowerns-olcas@southernco.com

Purchase Order # (if applicable): GPC62474-0006

Quote #:

Specify Container Size**: 3 2 3 3

Specify Container Preservative Type***: 1 1 1 2

Analysis Requested

**Container size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) Wipe, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Project Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

Country / State origin of sample(s): Georgia

Data Deliverables: [ ] Level I [ ] Level II [ ] Level IV [ ] EQuIS [ ] Other

Regulatory Program (DW, NCRA, etc.) (as applicable):

Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # (as applicable):

Field Filtered (if applicable): [ ] Yes [ ] No

Fax. Mgr: Bonnie Viars

Junction / Client ID:

Table #:

Profile / Template: 16492

Prelog / Bottle Ord. ID: EZ 3225293

Lab Use Only

Sample Comment

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Biosolids (B), Vapor (V), Surface Water (SW), Sediment (SED), Other (OT), Charcoal (CH), Filter (F), Leachate (LE), Biosolids (BS), Other (OT)

Customer Sample ID	Matrix*	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	23708 Alkalinity	25406 Total Dissolved Solids	350.0 - F, SO_4^{2-}, Cl	App. Metals (Mill + State Metals	Sample Comment
BOW-GWC-7Z	WG	G					5			X	X	X	X	
BOW-GWC-8Z	WG	G			2/23/25	1130	5			X	X	X	X	018
BOW-GWC-8RR	WG	G					5			X	X	X	X	
BOW-GWC-9	WG	G			2/23/25	1141	5			X	X	X	X	019
BOW-GWC-10	WG	G			2/23/25	1150	5			X	X	X	X	020
BOW-GWC-10R	WG	G					5			X	X	X	X	
BOW-GWC-11	WG	G					5			X	X	X	X	
BOW-GWC-11R	WG	G					5			X	X	X	X	
BOW-GWC-12	WG	G					5			X	X	X	X	
BOW-GWC-13	WG	G					5			X	X	X	X	

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

Collected By: William Lankor, Jay Stewart, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name:

Signature: ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C): Corrected Temp (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
EnSafe	03/04/25 1235	[illegible] / Pace	3/4/25 1239
[illegible] / Pace	3/4/25 1350	[illegible]	3/4/25 1350

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgement and acceptance of the Pace® Terms and Conditions found at: https://www.pacelabs.com/wp-content/themes/pace-theme/terms-and-conditions/

Pace ANALYTICAL SERVICES

Effective Date: 05/24/2024

aboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: GA Power

Project #:

Courier: ☐ Commercial ☐ Fed Ex ☑ Pace ☐ UPS ☐ USPS ☐ Other:____ ☐ Client

Custody Seal Present? ☐ Yes ☑ No Seals Intact? ☐ Yes ☑ No ☐ N/A

Date/Initials Person Examining Contents: 3/4/25 SG

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☐ N/A

Thermometer: ☑ IR Gun ID: 220

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 4.6 Correction Factor: Add/Subtract (°C) -0.1

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 4.5

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☑ Yes	☐ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☐ Yes	☑ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: L				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

Field Data Required? ☐ Yes ☐ No

AMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

T NOTIFICATION/RESOLUTION

son contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

Trax ID: 69614

Pace ANALYTICAL SERVICES

DC#_Title: ENV-FRM-HUNT-0000 v00_Samp...

Effective Date: 05/24/2024

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles
***Check all unpreserved Nitrates for chlorine

Project #

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item #	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG9L-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VGST-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG8V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																													
1		2	1				2																						
2		2	1				2																						
3		2	1				2																						
4		2	1				2																						
5		2	1				2																						
6		2	1				2																						
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain of Custody is a LEGAL DOCUMENT - Complete all relevant fields.

LAD USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen

Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308

Customer Project #:

Project Name: Bowen LF Cells 1&2

Site Collection Info/Facility ID (as applicable):

Report To: Kristen Jurinko, John Mocko

Phone #: (470) 217-0008

E-Mail: krjurink@southernco.com

CC E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noella Gangi

Invoice To: Account Payable

Invoice E-mail:

Purchase Order #: GPC82474-0005

Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (UST, RCRA, etc.):

Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

EDD Format (if applicable): [ ] Yes [ ] No

Analysis*:

Specify Container Size**: 3 2 3 3

Specify Container Preservation Type***: 1 1 1 2

Analysis Requested

Lab Use Only

Proj. Mgr: Bonnie Wang

Acct Num / Client ID:

Template:

Profile / Template: 16492

Prelog / Bottle Ord. ID: LZ 3225293

Preservation Correct / Checked

Customer Sample ID	Matrix*	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F, SO_4^{2-}, Cl	App. Metals: Ba/B + Silica Metals	Sample Comment
BOW-GWC-7Z	WG	G					5			X	X	X	X	
BOW-GWC-8Z	WG	G					5			X	X	X	X	
BOW-GWC-8RR	WG	G					5			X	X	X	X	
BOW-GWC-9	WG	G					5			X	X	X	X	
BOW-GWC-10	WG	G					5			X	X	X	X	
BOW-GWC-10R	WG	G			3/3/25	1232	5			X	X	X	X	021
BOW-GWC-11	WG	G					5			X	X	X	X	
BOW-GWC-11R	WG	G			3/3/25	1535	5			X	X	X	X	022
BOW-GWC-12	WG	G					5			X	X	X	X	
BOW-GWC-13	WG	G			3/3/25	1548	5			X	X	X	X	023

Additional Instructions from Pace*

Task Code: BOW-CCR-ASSMT-2025S1

Collected By: William Loaker, Jay Stewart, Natalie Piparo, Sawyer Keynes, Kyle Rhyne

Printed Name:

Signature:

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: [ ] Wet [ ] Blue [ ] Dry [ ] None

Temp Blank Received: [ ] Yes [ ] No

Therm ID#:

Cooler Temp (°C):

Correction Factor (°C):

Corrected Temp (°C):

Sample Receipt pH: [ ] Pass [ ] Fail

Cooler Custody Seals Intact: [ ] Yes [ ] No [ ] N/A

Sample Custody Seals Intact: [ ] Yes [ ] No [ ] N/A

Relinquished by / Company: (Signature) — Date/Time: 03/04/25 1239

Received by / Company: (Signature) — Date/Time: 3/4/25 1239

Relinquished by / Company: (Signature) — Date/Time: 3/4/25 1350

Received by / Company: (Signature) — Date/Time: 3/4/25 1350

Relinquished by / Company: (Signature) — Date/Time:

Received by / Company: (Signature) — Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/terms-and-conditions/

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT. Complete all relevant fields.

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen

Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308

Customer Project #:

Project Name: Bowen LF Cells 1&2

Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko, John Mecko

Phone #: (470) 217-0008

E-Mail: krjurink@southernco.com

Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smalley, Noelia Cortijo

Invoice To: Account Payable

Invoice E-mail: georgiapowerinvoices@southernco.com

Purchase Order #: (if applicable): GPC62474-0006

Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County/State origin of sample(s): Georgia

Data Deliverables: [ ] Level I [ ] Level II [ ] Level III [ ] EDDS [ ] _____

Regulatory Program (CW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

PWSID # or WW Permit # as applicable:

Hold If Filtered (if applicable): [ ] Yes [ ] No

Sample Matrix Codes (insert in Matrix column below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (BA), Vapor (VP), Surface Water (SW), Sediment (SD), Other (OT)

Sludge (SL), Caulk (CK), Soil/Rock (SR), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix*	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F^-, SO_4^{2-}, Cl-	App. Metals (dfill) - State Metals								Sample Comment
BOW-GWC-13RZ	WG	G					5			X	X	X	X								
BOW-GWC-14Z	WG	G			3/3/25	1422	5			X	X	X	X								624
BOW-GWC-15R	WG	G			3/3/25	1234	5			X	X	X	X								625
BOW-GWC-15Z	WG	G			3/3/25	1044	5			X	X	X	X								626
BOW-LF1-2-FD-	WG	G					5			X	X	X	X								
BOW-LF1-2-FD-	WG	G					5			X	X	X	X								
BOW-LF1-2-FD-	WG	G					5			X	X	X	X								
BOW-LF1-2-FB-	WQ	G					5			X	X	X	X								
BOW-LF1-2-EB-	WQ	G					5			X	X	X	X								

Preservation Codes: [1] HCl, [2] NaOH, [3] HNO_3, [4] H_2SO_4, [5] MeOH, [6] $Na_2S_2O_3$, [7] Ascorbic Acid, [8] NaOH/ZnAc, [9] Other

*** Preservation Types: [1] None, [2] HCl, [3] H_2SO_4, [4] NaOH, [5] HNO_3, [6] Zn Acetate, [7] MeOH, [8] Sod Thiosulfate, [9] Ascorbic Acid, [10] NaOH/ZnAc, [11] Other

Prelog Container Qty**: 3 2 3 5

Preservation Container Type***: 1 1 1 2

Analysis Requested

Lab Use Only: Prelog / Template: 16492; Prelog / Bottle Ord. ID: LZ 3226293

Preservation noted/observed/verified by Lab

Proj. Mgr: Bonnie Wang

Accounts / Client ID:

Lab #:

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App III: Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Chloride, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc

App IV: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS

Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Loaker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name

Signature

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice: [ ] Wet [ ] Blue [ ] Dry [ ] None

Samples Intact: [ ] Yes [ ] No

Relinquished by / Company: (Signature)	Date/Time:	Received by / Company: (Signature)	Date/Time:
Ensafe	03/04/25 1239	Pace	3/4/25 1239
Pace	3/4/25 1350	Chester Hentz	3/4/25 1350

Shipping Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 3 of 3

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at: https://www.pacelabs.com/resource-library/terms-and-conditions/

ENV-FRM-CORG-0019_v02_110123

Pace	DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt
	Effective Date: 05/24/2024

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: Ga Power

Project #:

Courier: ☐ Commercial ☐ Fed Ex ☑ Pace ☐ UPS ☐ USPS ☐ Other: ☐ Client

Custody Seal Present? ☑ Yes ☐ No **Seals Intact?** ☑ Yes ☐ No ☐ N/A

Date/Initials Person Examining Contents: 3/7/25 MD

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer:
☑ IR Gun ID: 230 **Type of Ice:** ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.1 **Correction Factor:** Add/Subtract (°C) 0.1

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 3.2

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: W				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ **Date:** _____

Project Manager SRF Review: _____ **Date:** _____

Qualtrax ID: 69614

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles
***Check all unpreserved Nitrates for chlorine

Project #

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																														
1		2	1				2																							
2		2	1				2																							
3		2	1				2																							
4		2	1				2																							
5		2	1				2																							
6		2	1				2																							
7		2	1				2																							
8																														
9																														
10																														
11																														
12																														

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Qualtrax ID: 69614

Page 2 of 2

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave, Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

92782410

Scan QR Code for instructions

Company Name: Georgia Power - Bowen
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308
Customer Project #:
Project Name: Bowen LF Cells 1&2
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko, John Mocko
Phone #: (470) 217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noella Gangi
Invoice to: Account Payable
Invoice E-mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0006
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
Date Results Requested:
DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 2 3 3
Identify Container Preservative Type***: 1 1 1 2
Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix*	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F-, SO4 2-, Cl-	App. Metals (Ill/III + State Metals	Sample Comment
BOW-GWC-7Z	WG	G					5			X	X	X	X	
BOW-GWC-8Z	WG	G					5			X	X	X	X	
BOW-GWC-8RR	WG	G			03/04/25	1015	5			X	X	X	X	027
BOW-GWC-9	WG	G					5			X	X	X	X	
BOW-GWC-10	WG	G					5			X	X	X	X	
BOW-GWC-10R	WG	G					5			X	X	X	X	
BOW-GWC-11	WG	G			03/04/25	1300	5			X	X	X	X	028
BOW-GWC-11R	WG	G					5			X	X	X	X	
BOW-GWC-12	WG	G			03/04/25	1350	5			X	X	X	X	029
BOW-GWC-13	WG	G					5			X	X	X	X	

Lab Use Only: Proj. Mgr: Bonnie Vang; Acct/Num / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: EZ 3225293

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Task Code: BOW-CCR-ASSMT-2025S1
App III: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne
Printed Name
Signature

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Ensafe	3/7/25 0840	William Laaker / Pace	3/7/25 0840
William Laaker / Pace	3/7/25 1325		3/7/25 1325

Tracking Number:
Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen

Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308

Customer Project #:

Project Name: Bowen LF Cells 1&2

Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko, John Mocko

Phone #: (470) 217-0008

E-Mail: knjurink@southernco.com

Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gangi

Invoice to: Account Payable

Invoice E-mail: georgiapowerinvoices@southernco.com

Purchase Order # (if applicable): GPC82474-0006

Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 10mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F, SO_4^{2-}, Cl^-	App. Metals III/III + State Metals	Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: SZ 3225293	Sample Comment	Preservation non-conformance identified for sample
BOW-GWC-13RZ	WG	G			03/04/25	1027	5			X	X	X	X		030	
BOW-GWC-14Z	WG	G					5			X	X	X	X			
BOW-GWC-15R	WG	G					5			X	X	X	X			
BOW-GWC-15Z	WG	G					5			X	X	X	X			
BOW-LF1-2-FD-12	WG	G			03/04/25	—	5			X	X	X	X		031	
BOW-LF1-2-FD-	WG	G					5			X	X	X	X			
BOW-LF1-2-FD-	WG	G					5			X	X	X	X			
BOW-LF1-2-FB-12	WQ	G			03/04/25	1407	5			X	X	X	X		032	
BOW-LF1-2-EB-12	WQ	G			03/04/25	1417	5			X	X	X	X		033	

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App III: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name

Signature

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
EnSafe	3/7/25 0840	Ryan Will... / Pace	3/7/25 0840	
Ryan Will... / Pace	3/7/25 1325		3/7/25 1325	Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 3 of 3

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

March 27, 2025

Kristen Jurinko
Southern Company
241 Ralph McGill Blvd
NE, Bin 10160
Atlanta, GA 30308

RE: Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory on March 07, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - West Columbia

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
704-977-0968
Project Manager

Enclosures

cc: Carole Lieu, Stantec
Laura Midkiff, Southern Co.
John Mocko, Stantec
Katie Ross, Stantec
Edgar Smith, Stantec
Andrew Stevens, Stantec

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CERTIFICATIONS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Laboratory ID: 99030
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

Pace Analytical Services West Columbia

106 Vantage Point Drive, West Columbia, SC 29172
Alaska Dept. of Energy Conservation, Cert# 20-002
California ELAP, cert# 3049
DoD, DoD QSM V5.4, cert# I.2224
DOE, DoD/DOE QSM V5.4, cert# I.2224.01
Florida, Dept. of Health, cert# E87653-70
Georgia, Env. Protection Division, cert# E87653
Illinois, EPA NELAP, cert# 2000552024-9
Kansas, Dept. of Health and Environment, cert# E-10417
Kentucky, Dept. for Env. Protection, UST, cert# 103582
Kentucky, Dept. for Env. Protection, cert# 98037
Louisiana, Dept. of Environmental Quality, cert# 5125
North Carolina, DEQ, Water Resources, cert# 329
New Jersey, Dept. of Env. Protection, cert# NLC 240005
Oklahoma, Dept. of Env. Quality, cert# 2023-175
Oregon, ELAP, cert# 4181-006
Pennsylvania, Dept. of Env. Protection, cert# 003
South Carolina, Dept. of Env. Services, cert# 32010001
Texas, Commission on Env. Quality, cert# TX-C24-00083
Virginia, Dept. of General Services, cert# 13080
Wisconsin, Dept. of Natural Resources, cert# 399136100

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SAMPLE SUMMARY

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92783822001	**BOW-GWC-26**	Water	03/04/25 15:00	03/07/25 13:25
92783822002	**BOW-GWC-27**	Water	03/04/25 14:44	03/07/25 13:25
92783822003	**BOW-GWC-27R**	Water	03/04/25 13:05	03/07/25 13:25
92783822004	**BOW-GWC-57**	Water	03/04/25 14:41	03/07/25 13:25
92783822005	**BOW-LF5-8-FD-13**	Water	03/04/25 00:00	03/07/25 13:25
92783822006	**BOW-LF5-8-FB-13**	Water	03/04/25 14:25	03/07/25 13:25
92783822007	**BOW-LF5-8-EB-13**	Water	03/04/25 14:32	03/07/25 13:25
92783822008	**BOW-GWC-29**	Water	03/05/25 12:37	03/07/25 13:25
92783822009	**BOW-GWC-30**	Water	03/05/25 11:45	03/07/25 13:25
92783822010	**BOW-GWC-31**	Water	03/05/25 13:50	03/07/25 13:25
92783822011	**BOW-GWC-31R**	Water	03/05/25 15:05	03/07/25 13:25
92783822012	**BOW-GWC-33R**	Water	03/05/25 13:42	03/07/25 13:25
92783822013	**BOW-GWC-35**	Water	03/05/25 11:34	03/07/25 13:25
92783822014	**BOW-GWC-28**	Water	03/06/25 11:51	03/07/25 13:25
92783822015	**BOW-GWC-29R**	Water	03/06/25 10:58	03/07/25 13:25
92783822016	**BOW-GWC-32**	Water	03/06/25 11:49	03/07/25 13:25
92783822017	**BOW-LF5-8-FD-14**	Water	03/06/25 00:00	03/07/25 13:25
92783822018	**BOW-LF5-8-FB-14**	Water	03/06/25 13:18	03/07/25 13:25
92783822019	**BOW-LF5-8-EB-14**	Water	03/06/25 13:10	03/07/25 13:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92783822001	**BOW-GWC-26**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1
92783822002	**BOW-GWC-27**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1
92783822003	**BOW-GWC-27R**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1
92783822004	**BOW-GWC-57**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1
92783822005	**BOW-LF5-8-FD-13**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1
92783822006	**BOW-LF5-8-FB-13**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1
92783822007	**BOW-LF5-8-EB-13**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1
92783822008	**BOW-GWC-29**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1
92783822009	**BOW-GWC-30**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1
92783822010	**BOW-GWC-31**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1
92783822011	**BOW-GWC-31R**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1
92783822012	**BOW-GWC-33R**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1
92783822013	**BOW-GWC-35**	SM 2320B-2011	SMS	3
		SM 2540C-2015	CDM	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1
92783822014	**BOW-GWC-28**	SM 2320B-2011	YEG	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1
92783822015	**BOW-GWC-29R**	SM 2320B-2011	YEG	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22

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SAMPLE ANALYTE COUNT

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 7470A	KJW	1
92783822016	**BOW-GWC-32**	SM 2320B-2011	YEG	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1
92783822017	**BOW-LF5-8-FD-14**	SM 2320B-2011	YEG	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1
92783822018	**BOW-LF5-8-FB-14**	SM 2320B-2011	YEG	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1
92783822019	**BOW-LF5-8-EB-14**	SM 2320B-2011	YEG	3
		SM 2540C-2015	HCH	1
		EPA 300.0 Rev 2.1 1993	CDC	3
		EPA 6020B	BK1, BW	22
		EPA 7470A	KJW	1

PASI-A = Pace Analytical Services - Asheville
PASI-WC = Pace Analytical Services - West Columbia

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SUMMARY OF DETECTION

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92783822001	**BOW-GWC-26**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	176	mg/L	5.0	03/11/25 15:41	
SM 2320B-2011	Alkalinity, Total as CaCO3	176	mg/L	5.0	03/11/25 15:41	
SM 2540C-2015	Total Dissolved Solids	246	mg/L	25.0	03/08/25 17:02	
EPA 300.0 Rev 2.1 1993	Chloride	4.4	mg/L	1.0	03/11/25 01:47	
EPA 300.0 Rev 2.1 1993	Fluoride	0.053J	mg/L	0.10	03/11/25 01:47	
EPA 300.0 Rev 2.1 1993	Sulfate	41.2	mg/L	1.0	03/11/25 01:47	
EPA 6020B	Barium	0.025	mg/L	0.0050	03/26/25 11:31	
EPA 6020B	Boron	0.043	mg/L	0.040	03/26/25 20:51	
EPA 6020B	Calcium	53.8	mg/L	1.0	03/26/25 11:31	
EPA 6020B	Iron	1.0	mg/L	0.040	03/26/25 11:31	
EPA 6020B	Magnesium	22.2	mg/L	0.050	03/26/25 11:31	
EPA 6020B	Potassium	1.4	mg/L	0.50	03/26/25 11:31	
EPA 6020B	Selenium	0.0013J	mg/L	0.0050	03/26/25 11:31	
EPA 6020B	Sodium	3.0	mg/L	1.0	03/26/25 11:31	
92783822002	**BOW-GWC-27**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	143	mg/L	5.0	03/11/25 15:51	
SM 2320B-2011	Alkalinity, Total as CaCO3	143	mg/L	5.0	03/11/25 15:51	
SM 2540C-2015	Total Dissolved Solids	179	mg/L	25.0	03/08/25 17:02	
EPA 300.0 Rev 2.1 1993	Chloride	2.8	mg/L	1.0	03/11/25 02:02	
EPA 300.0 Rev 2.1 1993	Fluoride	0.054J	mg/L	0.10	03/11/25 02:02	
EPA 300.0 Rev 2.1 1993	Sulfate	21.6	mg/L	1.0	03/11/25 02:02	
EPA 6020B	Barium	0.017	mg/L	0.0050	03/26/25 11:35	
EPA 6020B	Boron	0.0097J	mg/L	0.040	03/26/25 21:00	
EPA 6020B	Calcium	36.6	mg/L	1.0	03/26/25 11:35	
EPA 6020B	Iron	0.72	mg/L	0.040	03/26/25 11:35	
EPA 6020B	Magnesium	19.2	mg/L	0.050	03/26/25 11:35	
EPA 6020B	Potassium	0.78	mg/L	0.50	03/26/25 11:35	
EPA 6020B	Sodium	1.5	mg/L	1.0	03/26/25 11:35	
92783822003	**BOW-GWC-27R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	145	mg/L	5.0	03/11/25 16:01	
SM 2320B-2011	Alkalinity, Total as CaCO3	145	mg/L	5.0	03/11/25 16:01	
SM 2540C-2015	Total Dissolved Solids	147	mg/L	25.0	03/08/25 17:02	
EPA 300.0 Rev 2.1 1993	Chloride	2.2	mg/L	1.0	03/11/25 02:46	
EPA 300.0 Rev 2.1 1993	Fluoride	0.069J	mg/L	0.10	03/11/25 02:46	
EPA 300.0 Rev 2.1 1993	Sulfate	2.7	mg/L	1.0	03/11/25 02:46	
EPA 6020B	Antimony	0.00058J	mg/L	0.0030	03/26/25 11:39	
EPA 6020B	Barium	0.015	mg/L	0.0050	03/26/25 11:39	
EPA 6020B	Calcium	30.6	mg/L	1.0	03/26/25 11:39	M1
EPA 6020B	Iron	0.63	mg/L	0.040	03/26/25 11:39	
EPA 6020B	Magnesium	16.9	mg/L	0.050	03/26/25 11:39	M1
EPA 6020B	Manganese	0.0024J	mg/L	0.040	03/26/25 11:39	
EPA 6020B	Potassium	0.73	mg/L	0.50	03/26/25 11:39	
EPA 6020B	Sodium	4.3	mg/L	1.0	03/26/25 11:39	
92783822004	**BOW-GWC-57**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	172	mg/L	5.0	03/11/25 16:10	
SM 2320B-2011	Alkalinity, Total as CaCO3	172	mg/L	5.0	03/11/25 16:10	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

SUMMARY OF DETECTION

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92783822004	**BOW-GWC-57**					
SM 2540C-2015	Total Dissolved Solids	162	mg/L	25.0	03/08/25 17:02	
EPA 300.0 Rev 2.1 1993	Chloride	2.3	mg/L	1.0	03/11/25 03:01	
EPA 300.0 Rev 2.1 1993	Sulfate	2.1	mg/L	1.0	03/11/25 03:01	
EPA 6020B	Barium	0.0035J	mg/L	0.0050	03/26/25 11:51	
EPA 6020B	Calcium	36.5	mg/L	1.0	03/26/25 11:51	
EPA 6020B	Iron	0.81	mg/L	0.040	03/26/25 11:51	
EPA 6020B	Magnesium	20.5	mg/L	0.050	03/26/25 11:51	
EPA 6020B	Manganese	0.11	mg/L	0.040	03/26/25 11:51	
EPA 6020B	Potassium	0.37J	mg/L	0.50	03/26/25 11:51	
EPA 6020B	Sodium	2.2	mg/L	1.0	03/26/25 11:51	
92783822005	**BOW-LF5-8-FD-13**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	170	mg/L	5.0	03/11/25 16:44	
SM 2320B-2011	Alkalinity, Total as CaCO3	170	mg/L	5.0	03/11/25 16:44	
SM 2540C-2015	Total Dissolved Solids	168	mg/L	25.0	03/08/25 17:02	
EPA 300.0 Rev 2.1 1993	Chloride	2.3	mg/L	1.0	03/11/25 03:16	
EPA 300.0 Rev 2.1 1993	Sulfate	2.1	mg/L	1.0	03/11/25 03:16	
EPA 6020B	Barium	0.0032J	mg/L	0.0050	03/26/25 12:03	
EPA 6020B	Calcium	36.1	mg/L	1.0	03/26/25 12:03	
EPA 6020B	Iron	0.87	mg/L	0.040	03/26/25 12:03	
EPA 6020B	Magnesium	20.4	mg/L	0.050	03/26/25 12:03	
EPA 6020B	Manganese	0.11	mg/L	0.040	03/26/25 12:03	
EPA 6020B	Nickel	0.0017J	mg/L	0.0050	03/26/25 12:03	
EPA 6020B	Potassium	0.35J	mg/L	0.50	03/26/25 12:03	
EPA 6020B	Sodium	2.2	mg/L	1.0	03/26/25 12:03	
92783822008	**BOW-GWC-29**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	174	mg/L	5.0	03/11/25 18:28	
SM 2320B-2011	Alkalinity, Total as CaCO3	174	mg/L	5.0	03/11/25 18:28	
SM 2540C-2015	Total Dissolved Solids	181	mg/L	25.0	03/12/25 13:35	
EPA 300.0 Rev 2.1 1993	Chloride	2.3	mg/L	1.0	03/11/25 03:31	
EPA 300.0 Rev 2.1 1993	Fluoride	0.059J	mg/L	0.10	03/11/25 03:31	
EPA 300.0 Rev 2.1 1993	Sulfate	1.3	mg/L	1.0	03/11/25 03:31	
EPA 6020B	Barium	0.031	mg/L	0.0050	03/26/25 12:23	
EPA 6020B	Calcium	38.8	mg/L	1.0	03/26/25 12:23	
EPA 6020B	Iron	0.79	mg/L	0.040	03/26/25 12:23	
EPA 6020B	Magnesium	21.0	mg/L	0.050	03/26/25 12:23	
EPA 6020B	Manganese	0.015J	mg/L	0.040	03/26/25 12:23	
EPA 6020B	Potassium	0.78	mg/L	0.50	03/26/25 12:23	
EPA 6020B	Sodium	1.5	mg/L	1.0	03/26/25 12:23	
EPA 6020B	Thallium	0.00025J	mg/L	0.0010	03/26/25 12:23	
92783822009	**BOW-GWC-30**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	231	mg/L	5.0	03/11/25 18:39	
SM 2320B-2011	Alkalinity, Total as CaCO3	231	mg/L	5.0	03/11/25 18:39	
SM 2540C-2015	Total Dissolved Solids	223	mg/L	25.0	03/12/25 13:36	
EPA 300.0 Rev 2.1 1993	Chloride	2.6	mg/L	1.0	03/11/25 03:45	
EPA 300.0 Rev 2.1 1993	Fluoride	0.12	mg/L	0.10	03/11/25 03:45	
EPA 300.0 Rev 2.1 1993	Sulfate	4.6	mg/L	1.0	03/11/25 03:45	

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(704)875-9092

SUMMARY OF DETECTION

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92783822009	**BOW-GWC-30**					
EPA 6020B	Antimony	0.00073J	mg/L	0.0030	03/26/25 12:27	
EPA 6020B	Barium	0.022	mg/L	0.0050	03/26/25 12:27	
EPA 6020B	Calcium	50.4	mg/L	1.0	03/26/25 12:27	
EPA 6020B	Iron	1.1	mg/L	0.040	03/26/25 12:27	
EPA 6020B	Magnesium	26.1	mg/L	0.050	03/26/25 12:27	
EPA 6020B	Manganese	0.0059J	mg/L	0.040	03/26/25 12:27	
EPA 6020B	Potassium	1.1	mg/L	0.50	03/26/25 12:27	
EPA 6020B	Sodium	1.8	mg/L	1.0	03/26/25 12:27	
92783822010	**BOW-GWC-31**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	203	mg/L	5.0	03/11/25 18:46	
SM 2320B-2011	Alkalinity, Total as CaCO3	203	mg/L	5.0	03/11/25 18:46	
SM 2540C-2015	Total Dissolved Solids	205	mg/L	25.0	03/12/25 13:36	
EPA 300.0 Rev 2.1 1993	Chloride	3.1	mg/L	1.0	03/11/25 04:30	
EPA 300.0 Rev 2.1 1993	Fluoride	0.059J	mg/L	0.10	03/11/25 04:30	
EPA 300.0 Rev 2.1 1993	Sulfate	3.7	mg/L	1.0	03/11/25 04:30	
EPA 6020B	Antimony	0.00086J	mg/L	0.0030	03/26/25 12:31	
EPA 6020B	Barium	0.053	mg/L	0.0050	03/26/25 12:31	
EPA 6020B	Calcium	40.7	mg/L	1.0	03/26/25 12:31	
EPA 6020B	Iron	1.3	mg/L	0.040	03/26/25 12:31	
EPA 6020B	Magnesium	26.2	mg/L	0.050	03/26/25 12:31	
EPA 6020B	Manganese	0.13	mg/L	0.040	03/26/25 12:31	
EPA 6020B	Potassium	0.92	mg/L	0.50	03/26/25 12:31	
EPA 6020B	Sodium	1.7	mg/L	1.0	03/26/25 12:31	
EPA 6020B	Thallium	0.00016J	mg/L	0.0010	03/26/25 12:31	
92783822011	**BOW-GWC-31R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	168	mg/L	5.0	03/11/25 18:54	
SM 2320B-2011	Alkalinity, Total as CaCO3	168	mg/L	5.0	03/11/25 18:54	
SM 2540C-2015	Total Dissolved Solids	174	mg/L	25.0	03/12/25 13:36	
EPA 300.0 Rev 2.1 1993	Chloride	2.6	mg/L	1.0	03/11/25 04:45	
EPA 300.0 Rev 2.1 1993	Fluoride	0.052J	mg/L	0.10	03/11/25 04:45	
EPA 300.0 Rev 2.1 1993	Sulfate	1.2	mg/L	1.0	03/11/25 04:45	
EPA 6020B	Barium	0.019	mg/L	0.0050	03/26/25 12:35	
EPA 6020B	Calcium	36.2	mg/L	1.0	03/26/25 12:35	
EPA 6020B	Iron	0.86	mg/L	0.040	03/26/25 12:35	
EPA 6020B	Magnesium	20.9	mg/L	0.050	03/26/25 12:35	
EPA 6020B	Manganese	0.0064J	mg/L	0.040	03/26/25 12:35	
EPA 6020B	Potassium	0.72	mg/L	0.50	03/26/25 12:35	
EPA 6020B	Sodium	1.8	mg/L	1.0	03/26/25 12:35	
92783822012	**BOW-GWC-33R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	113	mg/L	5.0	03/11/25 19:13	
SM 2320B-2011	Alkalinity, Total as CaCO3	113	mg/L	5.0	03/11/25 19:13	
SM 2540C-2015	Total Dissolved Solids	128	mg/L	25.0	03/12/25 13:36	
EPA 300.0 Rev 2.1 1993	Chloride	2.7	mg/L	1.0	03/11/25 05:00	
EPA 300.0 Rev 2.1 1993	Fluoride	0.059J	mg/L	0.10	03/11/25 05:00	
EPA 300.0 Rev 2.1 1993	Sulfate	2.1	mg/L	1.0	03/11/25 05:00	
EPA 6020B	Antimony	0.0017J	mg/L	0.0030	03/26/25 12:39	

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SUMMARY OF DETECTION

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92783822012	**BOW-GWC-33R**					
EPA 6020B	Barium	0.0019J	mg/L	0.0050	03/26/25 12:39	
EPA 6020B	Calcium	27.0	mg/L	1.0	03/26/25 12:39	
EPA 6020B	Iron	0.57	mg/L	0.040	03/26/25 12:39	
EPA 6020B	Magnesium	12.0	mg/L	0.050	03/26/25 12:39	
EPA 6020B	Potassium	0.32J	mg/L	0.50	03/26/25 12:39	
EPA 6020B	Sodium	4.4	mg/L	1.0	03/26/25 12:39	
92783822013	**BOW-GWC-35**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	254	mg/L	5.0	03/11/25 19:21	
SM 2320B-2011	Alkalinity, Total as CaCO3	254	mg/L	5.0	03/11/25 19:21	
SM 2540C-2015	Total Dissolved Solids	240	mg/L	25.0	03/12/25 13:36	
EPA 300.0 Rev 2.1 1993	Chloride	3.2	mg/L	1.0	03/11/25 05:44	
EPA 300.0 Rev 2.1 1993	Fluoride	0.056J	mg/L	0.10	03/11/25 05:44	
EPA 300.0 Rev 2.1 1993	Sulfate	7.6	mg/L	1.0	03/11/25 05:44	
EPA 6020B	Barium	0.027	mg/L	0.0050	03/26/25 12:51	
EPA 6020B	Boron	0.012J	mg/L	0.040	03/26/25 23:54	
EPA 6020B	Calcium	55.7	mg/L	1.0	03/26/25 12:51	
EPA 6020B	Iron	1.1	mg/L	0.040	03/26/25 12:51	
EPA 6020B	Magnesium	30.3	mg/L	0.050	03/26/25 12:51	
EPA 6020B	Manganese	0.0037J	mg/L	0.040	03/26/25 12:51	
EPA 6020B	Potassium	1.4	mg/L	0.50	03/26/25 12:51	
EPA 6020B	Sodium	3.0	mg/L	1.0	03/26/25 12:51	
92783822014	**BOW-GWC-28**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	161	mg/L	5.0	03/13/25 14:19	
SM 2320B-2011	Alkalinity, Total as CaCO3	161	mg/L	5.0	03/13/25 14:19	
SM 2540C-2015	Total Dissolved Solids	208	mg/L	25.0	03/13/25 10:43	
EPA 300.0 Rev 2.1 1993	Chloride	5.9	mg/L	1.0	03/11/25 05:59	
EPA 300.0 Rev 2.1 1993	Fluoride	0.14	mg/L	0.10	03/11/25 05:59	
EPA 300.0 Rev 2.1 1993	Sulfate	18.0	mg/L	1.0	03/11/25 05:59	
EPA 6020B	Arsenic	0.0029J	mg/L	0.0050	03/26/25 12:55	
EPA 6020B	Barium	0.017	mg/L	0.0050	03/26/25 12:55	
EPA 6020B	Boron	0.0077J	mg/L	0.040	03/27/25 00:03	
EPA 6020B	Calcium	22.1	mg/L	1.0	03/26/25 12:55	
EPA 6020B	Iron	0.68	mg/L	0.040	03/26/25 12:55	
EPA 6020B	Magnesium	14.2	mg/L	0.050	03/26/25 12:55	
EPA 6020B	Manganese	0.063	mg/L	0.040	03/26/25 12:55	
EPA 6020B	Potassium	1.3	mg/L	0.50	03/26/25 12:55	
EPA 6020B	Sodium	39.8	mg/L	1.0	03/26/25 12:55	
92783822015	**BOW-GWC-29R**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	145	mg/L	5.0	03/13/25 14:28	
SM 2320B-2011	Alkalinity, Total as CaCO3	145	mg/L	5.0	03/13/25 14:28	
SM 2540C-2015	Total Dissolved Solids	152	mg/L	25.0	03/13/25 10:44	
EPA 300.0 Rev 2.1 1993	Chloride	2.1	mg/L	1.0	03/11/25 06:14	
EPA 300.0 Rev 2.1 1993	Fluoride	0.074J	mg/L	0.10	03/11/25 06:14	
EPA 300.0 Rev 2.1 1993	Sulfate	3.9	mg/L	1.0	03/11/25 06:14	
EPA 6020B	Antimony	0.0011J	mg/L	0.0030	03/26/25 12:59	
EPA 6020B	Barium	0.015	mg/L	0.0050	03/26/25 12:59	

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SUMMARY OF DETECTION

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92783822015	**BOW-GWC-29R**					
EPA 6020B	Calcium	32.5	mg/L	1.0	03/26/25 12:59	
EPA 6020B	Iron	0.73	mg/L	0.040	03/26/25 12:59	
EPA 6020B	Magnesium	17.7	mg/L	0.050	03/26/25 12:59	
EPA 6020B	Manganese	0.0066J	mg/L	0.040	03/26/25 12:59	
EPA 6020B	Potassium	0.76	mg/L	0.50	03/26/25 12:59	
EPA 6020B	Sodium	1.8	mg/L	1.0	03/26/25 12:59	
EPA 6020B	Thallium	0.00023J	mg/L	0.0010	03/26/25 12:59	
92783822016	**BOW-GWC-32**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	208	mg/L	5.0	03/13/25 14:37	
SM 2320B-2011	Alkalinity, Total as CaCO3	208	mg/L	5.0	03/13/25 14:37	
SM 2540C-2015	Total Dissolved Solids	208	mg/L	25.0	03/13/25 10:44	
EPA 300.0 Rev 2.1 1993	Chloride	3.0	mg/L	1.0	03/11/25 06:29	
EPA 300.0 Rev 2.1 1993	Fluoride	0.092J	mg/L	0.10	03/11/25 06:29	
EPA 300.0 Rev 2.1 1993	Sulfate	4.3	mg/L	1.0	03/11/25 06:29	
EPA 6020B	Arsenic	0.0054	mg/L	0.0050	03/26/25 13:03	
EPA 6020B	Barium	0.033	mg/L	0.0050	03/26/25 13:03	
EPA 6020B	Boron	0.0064J	mg/L	0.040	03/27/25 00:39	
EPA 6020B	Calcium	49.2	mg/L	1.0	03/26/25 13:03	
EPA 6020B	Iron	3.2	mg/L	0.040	03/26/25 13:03	
EPA 6020B	Magnesium	22.2	mg/L	0.050	03/26/25 13:03	
EPA 6020B	Manganese	0.096	mg/L	0.040	03/26/25 13:03	
EPA 6020B	Potassium	1.4	mg/L	0.50	03/26/25 13:03	
EPA 6020B	Sodium	3.3	mg/L	1.0	03/26/25 13:03	
92783822017	**BOW-LF5-8-FD-14**					
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	203	mg/L	5.0	03/13/25 14:45	
SM 2320B-2011	Alkalinity, Total as CaCO3	203	mg/L	5.0	03/13/25 14:45	
SM 2540C-2015	Total Dissolved Solids	206	mg/L	25.0	03/13/25 10:44	
EPA 300.0 Rev 2.1 1993	Chloride	3.0	mg/L	1.0	03/11/25 06:44	
EPA 300.0 Rev 2.1 1993	Fluoride	0.090J	mg/L	0.10	03/11/25 06:44	
EPA 300.0 Rev 2.1 1993	Sulfate	4.5	mg/L	1.0	03/11/25 06:44	
EPA 6020B	Arsenic	0.0053	mg/L	0.0050	03/26/25 13:07	
EPA 6020B	Barium	0.034	mg/L	0.0050	03/26/25 13:07	
EPA 6020B	Calcium	51.8	mg/L	1.0	03/26/25 13:07	
EPA 6020B	Iron	3.1	mg/L	0.040	03/26/25 13:07	
EPA 6020B	Magnesium	22.4	mg/L	0.050	03/26/25 13:07	
EPA 6020B	Manganese	0.096	mg/L	0.040	03/26/25 13:07	
EPA 6020B	Potassium	1.4	mg/L	0.50	03/26/25 13:07	
EPA 6020B	Sodium	3.3	mg/L	1.0	03/26/25 13:07	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-GWC-26 **Lab ID: 92783822001** Collected: 03/04/25 15:00 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**176**	mg/L	5.0	5.0	1		03/11/25 15:41		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 15:41		
Alkalinity, Total as CaCO3	**176**	mg/L	5.0	5.0	1		03/11/25 15:41		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**246**	mg/L	25.0	25.0	1		03/08/25 17:02		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**4.4**	mg/L	1.0	0.60	1		03/11/25 01:47	16887-00-6	
Fluoride	**0.053J**	mg/L	0.10	0.050	1		03/11/25 01:47	16984-48-8	
Sulfate	**41.2**	mg/L	1.0	0.50	1		03/11/25 01:47	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 11:31	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:31	7440-38-2	
Barium	**0.025**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:31	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 11:31	7440-41-7	
Boron	**0.043**	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 20:51	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 11:31	7440-43-9	
Calcium	**53.8**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 11:31	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:31	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:31	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:31	7440-50-8	
Iron	**1.0**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 11:31	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 11:31	7439-92-1	
Magnesium	**22.2**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 11:31	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 11:31	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:31	7440-02-0	
Potassium	**1.4**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 11:31	7440-09-7	
Selenium	**0.0013J**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:31	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 11:31	7440-22-4	
Sodium	**3.0**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 11:31	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 11:31	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 11:31	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 11:31	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/11/25 23:53	7439-97-6	

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-GWC-27 **Lab ID: 92783822002** Collected: 03/04/25 14:44 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**143**	mg/L	5.0	5.0	1		03/11/25 15:51		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 15:51		
Alkalinity, Total as CaCO3	**143**	mg/L	5.0	5.0	1		03/11/25 15:51		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**179**	mg/L	25.0	25.0	1		03/08/25 17:02		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.8**	mg/L	1.0	0.60	1		03/11/25 02:02	16887-00-6	
Fluoride	**0.054J**	mg/L	0.10	0.050	1		03/11/25 02:02	16984-48-8	
Sulfate	**21.6**	mg/L	1.0	0.50	1		03/11/25 02:02	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 11:35	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:35	7440-38-2	
Barium	**0.017**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:35	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 11:35	7440-41-7	
Boron	**0.0097J**	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 21:00	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 11:35	7440-43-9	
Calcium	**36.6**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 11:35	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:35	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:35	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:35	7440-50-8	
Iron	**0.72**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 11:35	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 11:35	7439-92-1	
Magnesium	**19.2**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 11:35	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 11:35	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:35	7440-02-0	
Potassium	**0.78**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 11:35	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:35	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 11:35	7440-22-4	
Sodium	**1.5**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 11:35	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 11:35	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 11:35	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 11:35	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/11/25 23:56	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-GWC-27R **Lab ID: 92783822003** Collected: 03/04/25 13:05 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**145**	mg/L	5.0	5.0	1		03/11/25 16:01		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 16:01		
Alkalinity, Total as CaCO3	**145**	mg/L	5.0	5.0	1		03/11/25 16:01		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**147**	mg/L	25.0	25.0	1		03/08/25 17:02		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.2**	mg/L	1.0	0.60	1		03/11/25 02:46	16887-00-6	
Fluoride	**0.069J**	mg/L	0.10	0.050	1		03/11/25 02:46	16984-48-8	
Sulfate	**2.7**	mg/L	1.0	0.50	1		03/11/25 02:46	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.00058J**	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 11:39	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:39	7440-38-2	
Barium	**0.015**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:39	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 11:39	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 21:09	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 11:39	7440-43-9	
Calcium	**30.6**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 11:39	7440-70-2	M1
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:39	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:39	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:39	7440-50-8	
Iron	**0.63**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 11:39	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 11:39	7439-92-1	
Magnesium	**16.9**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 11:39	7439-95-4	M1
Manganese	**0.0024J**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 11:39	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:39	7440-02-0	
Potassium	**0.73**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 11:39	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:39	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 11:39	7440-22-4	
Sodium	**4.3**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 11:39	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 11:39	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 11:39	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 11:39	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/12/25 00:04	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-GWC-57 **Lab ID: 92783822004** Collected: 03/04/25 14:41 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**172**	mg/L	5.0	5.0	1		03/11/25 16:10		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 16:10		
Alkalinity, Total as CaCO3	**172**	mg/L	5.0	5.0	1		03/11/25 16:10		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**162**	mg/L	25.0	25.0	1		03/08/25 17:02		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.3**	mg/L	1.0	0.60	1		03/11/25 03:01	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/11/25 03:01	16984-48-8	
Sulfate	**2.1**	mg/L	1.0	0.50	1		03/11/25 03:01	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 11:51	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:51	7440-38-2	
Barium	**0.0035J**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:51	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 11:51	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 21:55	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 11:51	7440-43-9	
Calcium	**36.5**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 11:51	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:51	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:51	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:51	7440-50-8	
Iron	**0.81**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 11:51	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 11:51	7439-92-1	
Magnesium	**20.5**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 11:51	7439-95-4	
Manganese	**0.11**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 11:51	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:51	7440-02-0	
Potassium	**0.37J**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 11:51	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 11:51	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 11:51	7440-22-4	
Sodium	**2.2**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 11:51	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 11:51	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 11:51	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 11:51	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/12/25 00:06	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-LF5-8-FD-13 **Lab ID: 92783822005** Collected: 03/04/25 00:00 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**170**	mg/L	5.0	5.0	1		03/11/25 16:44		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 16:44		
Alkalinity, Total as CaCO3	**170**	mg/L	5.0	5.0	1		03/11/25 16:44		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**168**	mg/L	25.0	25.0	1		03/08/25 17:02		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**2.3**	mg/L	1.0	0.60	1		03/11/25 03:16	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/11/25 03:16	16984-48-8	
Sulfate	**2.1**	mg/L	1.0	0.50	1		03/11/25 03:16	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 12:03	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:03	7440-38-2	
Barium	**0.0032J**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:03	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 12:03	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 22:40	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 12:03	7440-43-9	
Calcium	**36.1**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 12:03	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:03	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:03	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:03	7440-50-8	
Iron	**0.87**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 12:03	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 12:03	7439-92-1	
Magnesium	**20.4**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 12:03	7439-95-4	
Manganese	**0.11**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 12:03	7439-96-5	
Nickel	**0.0017J**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:03	7440-02-0	
Potassium	**0.35J**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 12:03	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:03	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 12:03	7440-22-4	
Sodium	**2.2**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 12:03	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 12:03	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 12:03	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 12:03	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
	Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/12/25 00:09	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-LF5-8-FB-13 **Lab ID: 92783822006** Collected: 03/04/25 14:25 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 17:11		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 17:11		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/11/25 17:11		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/08/25 17:02		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		03/10/25 21:05	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/10/25 21:05	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/10/25 21:05	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 12:07	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:07	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:07	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 12:07	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 22:50	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 12:07	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 12:07	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:07	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:07	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:07	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 12:07	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 12:07	7439-92-1	
Magnesium	ND	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 12:07	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 12:07	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:07	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 12:07	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:07	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 12:07	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 12:07	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 12:07	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 12:07	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 12:07	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/12/25 00:11	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-LF5-8-EB-13 **Lab ID: 92783822007** Collected: 03/04/25 14:32 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 17:25		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 17:25		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/11/25 17:25		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/08/25 17:04		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		03/10/25 21:20	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/10/25 21:20	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/10/25 21:20	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 12:19	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:19	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:19	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 12:19	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 22:59	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 12:19	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 12:19	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:19	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:19	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:19	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 12:19	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 12:19	7439-92-1	
Magnesium	ND	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 12:19	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 12:19	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:19	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 12:19	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:19	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 12:19	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 12:19	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 12:19	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 12:19	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 12:19	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/12/25 00:19	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-GWC-29 **Lab ID: 92783822008** Collected: 03/05/25 12:37 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**174**	mg/L	5.0	5.0	1		03/11/25 18:28		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 18:28		
Alkalinity, Total as CaCO3	**174**	mg/L	5.0	5.0	1		03/11/25 18:28		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**181**	mg/L	25.0	25.0	1		03/12/25 13:35		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.3**	mg/L	1.0	0.60	1		03/11/25 03:31	16887-00-6	
Fluoride	**0.059J**	mg/L	0.10	0.050	1		03/11/25 03:31	16984-48-8	
Sulfate	**1.3**	mg/L	1.0	0.50	1		03/11/25 03:31	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 12:23	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:23	7440-38-2	
Barium	**0.031**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:23	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 12:23	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 23:08	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 12:23	7440-43-9	
Calcium	**38.8**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 12:23	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:23	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:23	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:23	7440-50-8	
Iron	**0.79**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 12:23	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 12:23	7439-92-1	
Magnesium	**21.0**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 12:23	7439-95-4	
Manganese	**0.015J**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 12:23	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:23	7440-02-0	
Potassium	**0.78**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 12:23	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:23	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 12:23	7440-22-4	
Sodium	**1.5**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 12:23	7440-23-5	
Thallium	**0.00025J**	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 12:23	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 12:23	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 12:23	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/12/25 00:21	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-GWC-30 **Lab ID: 92783822009** Collected: 03/05/25 11:45 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**231**	mg/L	5.0	5.0	1		03/11/25 18:39		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 18:39		
Alkalinity, Total as CaCO3	**231**	mg/L	5.0	5.0	1		03/11/25 18:39		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**223**	mg/L	25.0	25.0	1		03/12/25 13:36		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.6**	mg/L	1.0	0.60	1		03/11/25 03:45	16887-00-6	
Fluoride	**0.12**	mg/L	0.10	0.050	1		03/11/25 03:45	16984-48-8	
Sulfate	**4.6**	mg/L	1.0	0.50	1		03/11/25 03:45	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.00073J**	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 12:27	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:27	7440-38-2	
Barium	**0.022**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:27	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 12:27	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 23:17	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 12:27	7440-43-9	
Calcium	**50.4**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 12:27	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:27	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:27	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:27	7440-50-8	
Iron	**1.1**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 12:27	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 12:27	7439-92-1	
Magnesium	**26.1**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 12:27	7439-95-4	
Manganese	**0.0059J**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 12:27	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:27	7440-02-0	
Potassium	**1.1**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 12:27	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:27	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 12:27	7440-22-4	
Sodium	**1.8**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 12:27	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 12:27	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 12:27	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 12:27	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/12/25 00:24	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-GWC-31 **Lab ID: 92783822010** Collected: 03/05/25 13:50 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**203**	mg/L	5.0	5.0	1		03/11/25 18:46		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 18:46		
Alkalinity, Total as CaCO3	**203**	mg/L	5.0	5.0	1		03/11/25 18:46		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**205**	mg/L	25.0	25.0	1		03/12/25 13:36		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.1**	mg/L	1.0	0.60	1		03/11/25 04:30	16887-00-6	
Fluoride	**0.059J**	mg/L	0.10	0.050	1		03/11/25 04:30	16984-48-8	
Sulfate	**3.7**	mg/L	1.0	0.50	1		03/11/25 04:30	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.00086J**	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 12:31	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:31	7440-38-2	
Barium	**0.053**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:31	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 12:31	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 23:26	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 12:31	7440-43-9	
Calcium	**40.7**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 12:31	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:31	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:31	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:31	7440-50-8	
Iron	**1.3**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 12:31	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 12:31	7439-92-1	
Magnesium	**26.2**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 12:31	7439-95-4	
Manganese	**0.13**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 12:31	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:31	7440-02-0	
Potassium	**0.92**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 12:31	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:31	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 12:31	7440-22-4	
Sodium	**1.7**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 12:31	7440-23-5	
Thallium	**0.00016J**	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 12:31	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 12:31	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 12:31	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/12/25 00:26	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-GWC-31R **Lab ID: 92783822011** Collected: 03/05/25 15:05 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**168**	mg/L	5.0	5.0	1		03/11/25 18:54		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 18:54		
Alkalinity, Total as CaCO3	**168**	mg/L	5.0	5.0	1		03/11/25 18:54		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**174**	mg/L	25.0	25.0	1		03/12/25 13:36		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.6**	mg/L	1.0	0.60	1		03/11/25 04:45	16887-00-6	
Fluoride	**0.052J**	mg/L	0.10	0.050	1		03/11/25 04:45	16984-48-8	
Sulfate	**1.2**	mg/L	1.0	0.50	1		03/11/25 04:45	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 12:35	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:35	7440-38-2	
Barium	**0.019**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:35	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 12:35	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 23:35	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 12:35	7440-43-9	
Calcium	**36.2**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 12:35	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:35	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:35	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:35	7440-50-8	
Iron	**0.86**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 12:35	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 12:35	7439-92-1	
Magnesium	**20.9**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 12:35	7439-95-4	
Manganese	**0.0064J**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 12:35	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:35	7440-02-0	
Potassium	**0.72**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 12:35	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:35	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 12:35	7440-22-4	
Sodium	**1.8**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 12:35	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 12:35	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 12:35	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 12:35	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/12/25 00:29	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-GWC-33R **Lab ID: 92783822012** Collected: 03/05/25 13:42 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**113**	mg/L	5.0	5.0	1		03/11/25 19:13		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 19:13		
Alkalinity, Total as CaCO3	**113**	mg/L	5.0	5.0	1		03/11/25 19:13		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**128**	mg/L	25.0	25.0	1		03/12/25 13:36		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.7**	mg/L	1.0	0.60	1		03/11/25 05:00	16887-00-6	
Fluoride	**0.059J**	mg/L	0.10	0.050	1		03/11/25 05:00	16984-48-8	
Sulfate	**2.1**	mg/L	1.0	0.50	1		03/11/25 05:00	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.0017J**	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 12:39	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:39	7440-38-2	
Barium	**0.0019J**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:39	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 12:39	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 23:44	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 12:39	7440-43-9	
Calcium	**27.0**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 12:39	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:39	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:39	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:39	7440-50-8	
Iron	**0.57**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 12:39	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 12:39	7439-92-1	
Magnesium	**12.0**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 12:39	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 12:39	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:39	7440-02-0	
Potassium	**0.32J**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 12:39	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:39	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 12:39	7440-22-4	
Sodium	**4.4**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 12:39	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 12:39	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 12:39	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 12:39	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/12/25 00:37	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-GWC-35 **Lab ID: 92783822013** Collected: 03/05/25 11:34 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**254**	mg/L	5.0	5.0	1		03/11/25 19:21		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/11/25 19:21		
Alkalinity, Total as CaCO3	**254**	mg/L	5.0	5.0	1		03/11/25 19:21		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**240**	mg/L	25.0	25.0	1		03/12/25 13:36		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.2**	mg/L	1.0	0.60	1		03/11/25 05:44	16887-00-6	
Fluoride	**0.056J**	mg/L	0.10	0.050	1		03/11/25 05:44	16984-48-8	
Sulfate	**7.6**	mg/L	1.0	0.50	1		03/11/25 05:44	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 12:51	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:51	7440-38-2	
Barium	**0.027**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:51	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 12:51	7440-41-7	
Boron	**0.012J**	mg/L	0.040	0.0062	1	03/20/25 06:17	03/26/25 23:54	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 12:51	7440-43-9	
Calcium	**55.7**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 12:51	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:51	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:51	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:51	7440-50-8	
Iron	**1.1**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 12:51	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 12:51	7439-92-1	
Magnesium	**30.3**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 12:51	7439-95-4	
Manganese	**0.0037J**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 12:51	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:51	7440-02-0	
Potassium	**1.4**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 12:51	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:51	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 12:51	7440-22-4	
Sodium	**3.0**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 12:51	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 12:51	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 12:51	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 12:51	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/12/25 00:49	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-GWC-28 **Lab ID: 92783822014** Collected: 03/06/25 11:51 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**161**	mg/L	5.0	5.0	1		03/13/25 14:19		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/13/25 14:19		
Alkalinity, Total as CaCO3	**161**	mg/L	5.0	5.0	1		03/13/25 14:19		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**208**	mg/L	25.0	25.0	1		03/13/25 10:43		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**5.9**	mg/L	1.0	0.60	1		03/11/25 05:59	16887-00-6	
Fluoride	**0.14**	mg/L	0.10	0.050	1		03/11/25 05:59	16984-48-8	
Sulfate	**18.0**	mg/L	1.0	0.50	1		03/11/25 05:59	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 12:55	7440-36-0	
Arsenic	**0.0029J**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:55	7440-38-2	
Barium	**0.017**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:55	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 12:55	7440-41-7	
Boron	**0.0077J**	mg/L	0.040	0.0062	1	03/20/25 06:17	03/27/25 00:03	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 12:55	7440-43-9	
Calcium	**22.1**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 12:55	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:55	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:55	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:55	7440-50-8	
Iron	**0.68**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 12:55	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 12:55	7439-92-1	
Magnesium	**14.2**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 12:55	7439-95-4	
Manganese	**0.063**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 12:55	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:55	7440-02-0	
Potassium	**1.3**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 12:55	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:55	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 12:55	7440-22-4	
Sodium	**39.8**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 12:55	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 12:55	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 12:55	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 12:55	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/12/25 00:52	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-GWC-29R **Lab ID: 92783822015** Collected: 03/06/25 10:58 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**145**	mg/L	5.0	5.0	1		03/13/25 14:28		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/13/25 14:28		
Alkalinity, Total as CaCO3	**145**	mg/L	5.0	5.0	1		03/13/25 14:28		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**152**	mg/L	25.0	25.0	1		03/13/25 10:44		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.1**	mg/L	1.0	0.60	1		03/11/25 06:14	16887-00-6	
Fluoride	**0.074J**	mg/L	0.10	0.050	1		03/11/25 06:14	16984-48-8	
Sulfate	**3.9**	mg/L	1.0	0.50	1		03/11/25 06:14	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.0011J**	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 12:59	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:59	7440-38-2	
Barium	**0.015**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:59	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 12:59	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/27/25 00:30	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 12:59	7440-43-9	
Calcium	**32.5**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 12:59	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:59	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:59	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:59	7440-50-8	
Iron	**0.73**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 12:59	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 12:59	7439-92-1	
Magnesium	**17.7**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 12:59	7439-95-4	
Manganese	**0.0066J**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 12:59	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:59	7440-02-0	
Potassium	**0.76**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 12:59	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 12:59	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 12:59	7440-22-4	
Sodium	**1.8**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 12:59	7440-23-5	
Thallium	**0.00023J**	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 12:59	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 12:59	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 12:59	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/12/25 00:55	7439-97-6	

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-GWC-32 **Lab ID: 92783822016** Collected: 03/06/25 11:49 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**208**	mg/L	5.0	5.0	1		03/13/25 14:37		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/13/25 14:37		
Alkalinity, Total as CaCO3	**208**	mg/L	5.0	5.0	1		03/13/25 14:37		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**208**	mg/L	25.0	25.0	1		03/13/25 10:44		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.0**	mg/L	1.0	0.60	1		03/11/25 06:29	16887-00-6	
Fluoride	**0.092J**	mg/L	0.10	0.050	1		03/11/25 06:29	16984-48-8	
Sulfate	**4.3**	mg/L	1.0	0.50	1		03/11/25 06:29	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 13:03	7440-36-0	
Arsenic	**0.0054**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:03	7440-38-2	
Barium	**0.033**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:03	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 13:03	7440-41-7	
Boron	**0.0064J**	mg/L	0.040	0.0062	1	03/20/25 06:17	03/27/25 00:39	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 13:03	7440-43-9	
Calcium	**49.2**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 13:03	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:03	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:03	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:03	7440-50-8	
Iron	**3.2**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 13:03	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 13:03	7439-92-1	
Magnesium	**22.2**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 13:03	7439-95-4	
Manganese	**0.096**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 13:03	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:03	7440-02-0	
Potassium	**1.4**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 13:03	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:03	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 13:03	7440-22-4	
Sodium	**3.3**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 13:03	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 13:03	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 13:03	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 13:03	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/12/25 00:57	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-LF5-8-FD-14 **Lab ID: 92783822017** Collected: 03/06/25 00:00 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**203**	mg/L	5.0	5.0	1		03/13/25 14:45		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/13/25 14:45		
Alkalinity, Total as CaCO3	**203**	mg/L	5.0	5.0	1		03/13/25 14:45		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	**206**	mg/L	25.0	25.0	1		03/13/25 10:44		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.0**	mg/L	1.0	0.60	1		03/11/25 06:44	16887-00-6	
Fluoride	**0.090J**	mg/L	0.10	0.050	1		03/11/25 06:44	16984-48-8	
Sulfate	**4.5**	mg/L	1.0	0.50	1		03/11/25 06:44	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 13:07	7440-36-0	
Arsenic	**0.0053**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:07	7440-38-2	
Barium	**0.034**	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:07	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 13:07	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/27/25 00:49	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 13:07	7440-43-9	
Calcium	**51.8**	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 13:07	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:07	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:07	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:07	7440-50-8	
Iron	**3.1**	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 13:07	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 13:07	7439-92-1	
Magnesium	**22.4**	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 13:07	7439-95-4	
Manganese	**0.096**	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 13:07	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:07	7440-02-0	
Potassium	**1.4**	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 13:07	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:07	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 13:07	7440-22-4	
Sodium	**3.3**	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 13:07	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 13:07	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 13:07	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 13:07	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/12/25 01:00	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-LF5-8-FB-14 **Lab ID: 92783822018** Collected: 03/06/25 13:18 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/13/25 14:56		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/13/25 14:56		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/13/25 14:56		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/13/25 10:44		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		03/10/25 21:34	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/10/25 21:34	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/10/25 21:34	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 13:11	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:11	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:11	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 13:11	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/27/25 00:58	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 13:11	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 13:11	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:11	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:11	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:11	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 13:11	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 13:11	7439-92-1	
Magnesium	ND	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 13:11	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 13:11	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:11	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 13:11	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:11	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 13:11	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 13:11	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 13:11	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 13:11	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 13:11	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/12/25 01:02	7439-97-6	

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ANALYTICAL RESULTS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Sample: BOW-LF5-8-EB-14 **Lab ID: 92783822019** Collected: 03/06/25 13:10 Received: 03/07/25 13:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2011								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/13/25 15:00		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		03/13/25 15:00		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		03/13/25 15:00		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		03/13/25 10:44		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		03/10/25 21:49	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		03/10/25 21:49	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		03/10/25 21:49	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0030	0.00050	1	03/20/25 06:17	03/26/25 13:15	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:15	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:15	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.00015	1	03/20/25 06:17	03/26/25 13:15	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	03/20/25 06:17	03/27/25 01:07	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	03/20/25 06:17	03/26/25 13:15	7440-43-9	
Calcium	ND	mg/L	1.0	0.10	1	03/20/25 06:17	03/26/25 13:15	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:15	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:15	7440-48-4	
Copper	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:15	7440-50-8	
Iron	ND	mg/L	0.040	0.012	1	03/20/25 06:17	03/26/25 13:15	7439-89-6	
Lead	ND	mg/L	0.0010	0.00025	1	03/20/25 06:17	03/26/25 13:15	7439-92-1	
Magnesium	ND	mg/L	0.050	0.010	1	03/20/25 06:17	03/26/25 13:15	7439-95-4	
Manganese	ND	mg/L	0.040	0.0012	1	03/20/25 06:17	03/26/25 13:15	7439-96-5	
Nickel	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:15	7440-02-0	
Potassium	ND	mg/L	0.50	0.10	1	03/20/25 06:17	03/26/25 13:15	7440-09-7	
Selenium	ND	mg/L	0.0050	0.0012	1	03/20/25 06:17	03/26/25 13:15	7782-49-2	
Silver	ND	mg/L	0.0050	0.00025	1	03/20/25 06:17	03/26/25 13:15	7440-22-4	
Sodium	ND	mg/L	1.0	0.15	1	03/20/25 06:17	03/26/25 13:15	7440-23-5	
Thallium	ND	mg/L	0.0010	0.00015	1	03/20/25 06:17	03/26/25 13:15	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0025	1	03/20/25 06:17	03/26/25 13:15	7440-62-2	
Zinc	ND	mg/L	0.020	0.0025	1	03/20/25 06:17	03/26/25 13:15	7440-66-6	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
	Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	03/11/25 16:45	03/12/25 01:05	7439-97-6	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

QC Batch: 921378
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92783822001, 92783822002, 92783822003, 92783822004

METHOD BLANK: 4734246 Matrix: Water
Associated Lab Samples: 92783822001, 92783822002, 92783822003, 92783822004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/11/25 12:51	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	03/11/25 12:51	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	03/11/25 12:51	

LABORATORY CONTROL SAMPLE: 4734247

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.0	100	80-120	

LABORATORY CONTROL SAMPLE: 4734248

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.9	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4734249 4734250

Parameter	Units	92782998001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	41.7	50	50	82.4	83.3	81	83	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4734251 4734252

Parameter	Units	92782998002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	40.1	50	50	71.6	71.3	63	62	80-120	0	25	M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

QC Batch: 921380 | Analysis Method: SM 2320B-2011
QC Batch Method: SM 2320B-2011 | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92783822005, 92783822006, 92783822007, 92783822008, 92783822009, 92783822010, 92783822011, 92783822012, 92783822013

METHOD BLANK: 4734255 Matrix: Water
Associated Lab Samples: 92783822005, 92783822006, 92783822007, 92783822008, 92783822009, 92783822010, 92783822011, 92783822012, 92783822013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/11/25 16:29	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	03/11/25 16:29	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	03/11/25 16:29	

LABORATORY CONTROL SAMPLE: 4734256

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.0	100	80-120	

LABORATORY CONTROL SAMPLE: 4734257

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.1	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4734258 4734259

Parameter	Units	92783822005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	170	50	50	213	220	86	99	80-120	3	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4734260 4734261

Parameter	Units	92783822006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	ND	50	50	50.1	50.3	100	100	80-120	1	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

QC Batch: 921818 | Analysis Method: SM 2320B-2011
QC Batch Method: SM 2320B-2011 | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92783822014, 92783822015, 92783822016, 92783822017, 92783822018, 92783822019

METHOD BLANK: 4736478 Matrix: Water
Associated Lab Samples: 92783822014, 92783822015, 92783822016, 92783822017, 92783822018, 92783822019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	03/13/25 12:15	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	03/13/25 12:15	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	03/13/25 12:15	

LABORATORY CONTROL SAMPLE: 4736479

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.0	102	80-120	

LABORATORY CONTROL SAMPLE: 4736480

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.7	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4736481 4736482

Parameter	Units	92784200001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	402	50	50	444	448	84	92	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4736483 4736484

Parameter	Units	92784054001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	186	50	50	233	236	94	100	80-120	1	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

QC Batch: 921012 | Analysis Method: SM 2540C-2015
QC Batch Method: SM 2540C-2015 | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92783822001, 92783822002, 92783822003, 92783822004, 92783822005, 92783822006, 92783822007

METHOD BLANK: 4732868 Matrix: Water
Associated Lab Samples: 92783822001, 92783822002, 92783822003, 92783822004, 92783822005, 92783822006, 92783822007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	03/08/25 17:01	

LABORATORY CONTROL SAMPLE: 4732869

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	238	95	90-110	

SAMPLE DUPLICATE: 4732870

Parameter	Units	92782410031 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	55.0	54.0	2	25	

SAMPLE DUPLICATE: 4732871

Parameter	Units	92782984001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	5520	5420	2	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

QC Batch: 921536 | Analysis Method: SM 2540C-2015
QC Batch Method: SM 2540C-2015 | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92783822008, 92783822009, 92783822010, 92783822011, 92783822012, 92783822013

METHOD BLANK: 4735161 Matrix: Water
Associated Lab Samples: 92783822008, 92783822009, 92783822010, 92783822011, 92783822012, 92783822013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	03/12/25 13:33	

LABORATORY CONTROL SAMPLE: 4735162

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	246	98	90-110	

SAMPLE DUPLICATE: 4735163

Parameter	Units	92783371002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	542	578	6	25	

SAMPLE DUPLICATE: 4735164

Parameter	Units	92783822010 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	205	203	1	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

QC Batch: 921870 | Analysis Method: SM 2540C-2015
QC Batch Method: SM 2540C-2015 | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92783822014, 92783822015, 92783822016, 92783822017, 92783822018, 92783822019

METHOD BLANK: 4736795 Matrix: Water
Associated Lab Samples: 92783822014, 92783822015, 92783822016, 92783822017, 92783822018, 92783822019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	03/13/25 10:42	

LABORATORY CONTROL SAMPLE: 4736796

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	250	100	90-110	

SAMPLE DUPLICATE: 4737193

Parameter	Units	92784200001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	2720	2740	0	25	H3

SAMPLE DUPLICATE: 4737195

Parameter	Units	92783822014 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	208	209	0	25	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

QC Batch: 921235
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92783822001, 92783822002, 92783822003, 92783822004, 92783822005, 92783822006, 92783822007, 92783822008, 92783822009, 92783822010, 92783822011

METHOD BLANK: 4733800 Matrix: Water
Associated Lab Samples: 92783822001, 92783822002, 92783822003, 92783822004, 92783822005, 92783822006, 92783822007, 92783822008, 92783822009, 92783822010, 92783822011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	03/10/25 19:36	
Fluoride	mg/L	ND	0.10	0.050	03/10/25 19:36	
Sulfate	mg/L	ND	1.0	0.50	03/10/25 19:36	

LABORATORY CONTROL SAMPLE: 4733801

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.3	97	90-110	
Fluoride	mg/L	2.5	2.4	96	90-110	
Sulfate	mg/L	50	48.7	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4733802 4733803

Parameter	Units	92783903001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	7.1	50	50	54.7	55.5	95	97	90-110	2	10	
Fluoride	mg/L	0.42	2.5	2.5	2.9	2.9	97	99	90-110	2	10	
Sulfate	mg/L	10.1	50	50	58.5	59.3	97	98	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4733804 4733805

Parameter	Units	92783822002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.8	50	50	50.1	51.1	95	97	90-110	2	10	
Fluoride	mg/L	0.054J	2.5	2.5	2.3	2.4	91	94	90-110	3	10	
Sulfate	mg/L	21.6	50	50	69.9	71.0	97	99	90-110	2	10	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

QC Batch: 921240
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92783822012, 92783822013, 92783822014, 92783822015, 92783822016, 92783822017, 92783822018, 92783822019

METHOD BLANK: 4733818 Matrix: Water
Associated Lab Samples: 92783822012, 92783822013, 92783822014, 92783822015, 92783822016, 92783822017, 92783822018, 92783822019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	03/10/25 20:05	
Fluoride	mg/L	ND	0.10	0.050	03/10/25 20:05	
Sulfate	mg/L	ND	1.0	0.50	03/10/25 20:05	

LABORATORY CONTROL SAMPLE: 4733819

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.0	98	90-110	
Fluoride	mg/L	2.5	2.4	97	90-110	
Sulfate	mg/L	50	49.5	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4733820 4733821

Parameter	Units	92783822012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.7	50	50	50.8	51.5	96	97	90-110	1	10	
Fluoride	mg/L	0.059J	2.5	2.5	2.4	2.5	94	96	90-110	2	10	
Sulfate	mg/L	2.1	50	50	50.7	51.3	97	98	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4733822 4733823

Parameter	Units	92783828003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	57.6	50	50	86.6	87.2	58	59	90-110	1	10	M1
Fluoride	mg/L	0.31	2.5	2.5	2.8	2.9	99	102	90-110	2	10	
Sulfate	mg/L	128	50	50	159	159	63	63	90-110	0	10	M1

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QUALITY CONTROL DATA

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

QC Batch: 923439
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92783822001, 92783822002, 92783822003, 92783822004, 92783822005, 92783822006, 92783822007, 92783822008, 92783822009, 92783822010, 92783822011, 92783822012, 92783822013, 92783822014, 92783822015, 92783822016, 92783822017, 92783822018, 92783822019

METHOD BLANK: 4744547
Matrix: Water
Associated Lab Samples: 92783822001, 92783822002, 92783822003, 92783822004, 92783822005, 92783822006, 92783822007, 92783822008, 92783822009, 92783822010, 92783822011, 92783822012, 92783822013, 92783822014, 92783822015, 92783822016, 92783822017, 92783822018, 92783822019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00050	03/26/25 11:23	
Arsenic	mg/L	ND	0.0050	0.0012	03/26/25 11:23	
Barium	mg/L	ND	0.0050	0.0012	03/26/25 11:23	
Beryllium	mg/L	ND	0.00050	0.00015	03/26/25 11:23	
Boron	mg/L	ND	0.040	0.0062	03/26/25 20:32	
Cadmium	mg/L	ND	0.00050	0.00012	03/26/25 11:23	
Calcium	mg/L	ND	1.0	0.10	03/26/25 11:23	
Chromium	mg/L	ND	0.0050	0.0012	03/26/25 11:23	
Cobalt	mg/L	ND	0.0050	0.0012	03/26/25 11:23	
Copper	mg/L	ND	0.0050	0.0012	03/26/25 11:23	
Iron	mg/L	ND	0.040	0.012	03/26/25 11:23	
Lead	mg/L	ND	0.0010	0.00025	03/26/25 11:23	
Magnesium	mg/L	ND	0.050	0.010	03/26/25 11:23	
Manganese	mg/L	ND	0.040	0.0012	03/26/25 11:23	
Nickel	mg/L	ND	0.0050	0.0012	03/26/25 11:23	
Potassium	mg/L	ND	0.50	0.10	03/26/25 11:23	
Selenium	mg/L	ND	0.0050	0.0012	03/26/25 11:23	
Silver	mg/L	ND	0.0050	0.00025	03/26/25 11:23	
Sodium	mg/L	ND	1.0	0.15	03/26/25 11:23	
Thallium	mg/L	ND	0.0010	0.00015	03/26/25 11:23	
Vanadium	mg/L	ND	0.010	0.0025	03/26/25 11:23	
Zinc	mg/L	ND	0.020	0.0025	03/26/25 11:23	

LABORATORY CONTROL SAMPLE: 4744548

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.097	97	80-120	
Arsenic	mg/L	0.1	0.099	99	80-120	
Barium	mg/L	0.1	0.098	98	80-120	
Beryllium	mg/L	0.1	0.097	97	80-120	
Boron	mg/L	0.1	0.10	103	80-120	
Cadmium	mg/L	0.1	0.099	99	80-120	
Calcium	mg/L	1	1.0	104	80-120	
Chromium	mg/L	0.1	0.10	103	80-120	
Cobalt	mg/L	0.1	0.11	108	80-120	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

LABORATORY CONTROL SAMPLE: 4744548

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	mg/L	0.1	0.11	108	80-120	
Iron	mg/L	1	1.0	104	80-120	
Lead	mg/L	0.1	0.095	95	80-120	
Magnesium	mg/L	1	1.0	102	80-120	
Manganese	mg/L	0.1	0.10	105	80-120	
Nickel	mg/L	0.1	0.11	107	80-120	
Potassium	mg/L	1	1.0	104	80-120	
Selenium	mg/L	0.1	0.10	100	80-120	
Silver	mg/L	0.1	0.11	106	80-120	
Sodium	mg/L	1	1.1	106	80-120	
Thallium	mg/L	0.1	0.10	100	80-120	
Vanadium	mg/L	0.1	0.10	103	80-120	
Zinc	mg/L	0.1	0.11	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4744549 4744550

Parameter	Units	92783822003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	0.00058J	0.1	0.1	0.096	0.096	95	95	75-125	0	20	
Arsenic	mg/L	ND	0.1	0.1	0.099	0.099	98	98	75-125	0	20	
Barium	mg/L	0.015	0.1	0.1	0.11	0.11	97	99	75-125	2	20	
Beryllium	mg/L	ND	0.1	0.1	0.097	0.099	97	99	75-125	2	20	
Boron	mg/L	ND	0.1	0.1	0.11	0.11	106	109	75-125	3	20	
Cadmium	mg/L	ND	0.1	0.1	0.099	0.099	99	99	75-125	0	20	
Calcium	mg/L	30.6	1	1	31.2	32.2	58	155	75-125	3	20	M1
Chromium	mg/L	ND	0.1	0.1	0.099	0.10	99	99	75-125	0	20	
Cobalt	mg/L	ND	0.1	0.1	0.10	0.10	104	105	75-125	0	20	
Copper	mg/L	ND	0.1	0.1	0.11	0.11	105	106	75-125	1	20	
Iron	mg/L	0.63	1	1	1.6	1.7	101	103	75-125	2	20	
Lead	mg/L	ND	0.1	0.1	0.098	0.098	98	98	75-125	0	20	
Magnesium	mg/L	16.9	1	1	17.6	17.4	67	53	75-125	1	20	M1
Manganese	mg/L	0.0024J	0.1	0.1	0.10	0.10	100	102	75-125	1	20	
Nickel	mg/L	ND	0.1	0.1	0.10	0.10	103	104	75-125	1	20	
Potassium	mg/L	0.73	1	1	1.7	1.7	100	96	75-125	2	20	
Selenium	mg/L	ND	0.1	0.1	0.10	0.10	100	100	75-125	0	20	
Silver	mg/L	ND	0.1	0.1	0.10	0.10	104	104	75-125	0	20	
Sodium	mg/L	4.3	1	1	5.2	5.3	88	99	75-125	2	20	
Thallium	mg/L	ND	0.1	0.1	0.099	0.10	99	100	75-125	1	20	
Vanadium	mg/L	ND	0.1	0.1	0.10	0.10	101	102	75-125	1	20	
Zinc	mg/L	ND	0.1	0.1	0.11	0.11	108	107	75-125	0	20	

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QUALITY CONTROL DATA

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

QC Batch: 921044
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92783822001, 92783822002, 92783822003, 92783822004, 92783822005, 92783822006, 92783822007, 92783822008, 92783822009, 92783822010, 92783822011

METHOD BLANK: 4732938 Matrix: Water
Associated Lab Samples: 92783822001, 92783822002, 92783822003, 92783822004, 92783822005, 92783822006, 92783822007, 92783822008, 92783822009, 92783822010, 92783822011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000091	03/11/25 23:18	

LABORATORY CONTROL SAMPLE: 4732939

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0021	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4732942 4732943

Parameter	Units	92783822002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.002	0.002	0.0022	0.0022	112	110	80-120	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4735065 4735066

Parameter	Units	92782410028 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.002	0.002	0.0022	0.0022	108	110	80-120	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

QC Batch: 921045
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92783822012, 92783822013, 92783822014, 92783822015, 92783822016, 92783822017, 92783822018, 92783822019

METHOD BLANK: 4732944 Matrix: Water
Associated Lab Samples: 92783822012, 92783822013, 92783822014, 92783822015, 92783822016, 92783822017, 92783822018, 92783822019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000091	03/12/25 00:32	

LABORATORY CONTROL SAMPLE: 4732945

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0023	116	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4732946 4732947

Parameter	Units	92783822012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.002	0.002	0.0023	0.0023	116	116	80-120	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4732948 4732949

Parameter	Units	92783828008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.002	0.002	0.0023	0.0023	116	117	80-120	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92783822001	**BOW-GWC-26**	SM 2320B-2011	921378		
92783822002	**BOW-GWC-27**	SM 2320B-2011	921378		
92783822003	**BOW-GWC-27R**	SM 2320B-2011	921378		
92783822004	**BOW-GWC-57**	SM 2320B-2011	921378		
92783822005	**BOW-LF5-8-FD-13**	SM 2320B-2011	921380		
92783822006	**BOW-LF5-8-FB-13**	SM 2320B-2011	921380		
92783822007	**BOW-LF5-8-EB-13**	SM 2320B-2011	921380		
92783822008	**BOW-GWC-29**	SM 2320B-2011	921380		
92783822009	**BOW-GWC-30**	SM 2320B-2011	921380		
92783822010	**BOW-GWC-31**	SM 2320B-2011	921380		
92783822011	**BOW-GWC-31R**	SM 2320B-2011	921380		
92783822012	**BOW-GWC-33R**	SM 2320B-2011	921380		
92783822013	**BOW-GWC-35**	SM 2320B-2011	921380		
92783822014	**BOW-GWC-28**	SM 2320B-2011	921818		
92783822015	**BOW-GWC-29R**	SM 2320B-2011	921818		
92783822016	**BOW-GWC-32**	SM 2320B-2011	921818		
92783822017	**BOW-LF5-8-FD-14**	SM 2320B-2011	921818		
92783822018	**BOW-LF5-8-FB-14**	SM 2320B-2011	921818		
92783822019	**BOW-LF5-8-EB-14**	SM 2320B-2011	921818		
92783822001	**BOW-GWC-26**	SM 2540C-2015	921012		
92783822002	**BOW-GWC-27**	SM 2540C-2015	921012		
92783822003	**BOW-GWC-27R**	SM 2540C-2015	921012		
92783822004	**BOW-GWC-57**	SM 2540C-2015	921012		
92783822005	**BOW-LF5-8-FD-13**	SM 2540C-2015	921012		
92783822006	**BOW-LF5-8-FB-13**	SM 2540C-2015	921012		
92783822007	**BOW-LF5-8-EB-13**	SM 2540C-2015	921012		
92783822008	**BOW-GWC-29**	SM 2540C-2015	921536		
92783822009	**BOW-GWC-30**	SM 2540C-2015	921536		
92783822010	**BOW-GWC-31**	SM 2540C-2015	921536		
92783822011	**BOW-GWC-31R**	SM 2540C-2015	921536		
92783822012	**BOW-GWC-33R**	SM 2540C-2015	921536		
92783822013	**BOW-GWC-35**	SM 2540C-2015	921536		
92783822014	**BOW-GWC-28**	SM 2540C-2015	921870		
92783822015	**BOW-GWC-29R**	SM 2540C-2015	921870		
92783822016	**BOW-GWC-32**	SM 2540C-2015	921870		
92783822017	**BOW-LF5-8-FD-14**	SM 2540C-2015	921870		
92783822018	**BOW-LF5-8-FB-14**	SM 2540C-2015	921870		
92783822019	**BOW-LF5-8-EB-14**	SM 2540C-2015	921870		
92783822001	**BOW-GWC-26**	EPA 300.0 Rev 2.1 1993	921235		
92783822002	**BOW-GWC-27**	EPA 300.0 Rev 2.1 1993	921235		
92783822003	**BOW-GWC-27R**	EPA 300.0 Rev 2.1 1993	921235		
92783822004	**BOW-GWC-57**	EPA 300.0 Rev 2.1 1993	921235		
92783822005	**BOW-LF5-8-FD-13**	EPA 300.0 Rev 2.1 1993	921235		
92783822006	**BOW-LF5-8-FB-13**	EPA 300.0 Rev 2.1 1993	921235		
92783822007	**BOW-LF5-8-EB-13**	EPA 300.0 Rev 2.1 1993	921235		
92783822008	**BOW-GWC-29**	EPA 300.0 Rev 2.1 1993	921235		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92783822009	**BOW-GWC-30**	EPA 300.0 Rev 2.1 1993	921235		
92783822010	**BOW-GWC-31**	EPA 300.0 Rev 2.1 1993	921235		
92783822011	**BOW-GWC-31R**	EPA 300.0 Rev 2.1 1993	921235		
92783822012	**BOW-GWC-33R**	EPA 300.0 Rev 2.1 1993	921240		
92783822013	**BOW-GWC-35**	EPA 300.0 Rev 2.1 1993	921240		
92783822014	**BOW-GWC-28**	EPA 300.0 Rev 2.1 1993	921240		
92783822015	**BOW-GWC-29R**	EPA 300.0 Rev 2.1 1993	921240		
92783822016	**BOW-GWC-32**	EPA 300.0 Rev 2.1 1993	921240		
92783822017	**BOW-LF5-8-FD-14**	EPA 300.0 Rev 2.1 1993	921240		
92783822018	**BOW-LF5-8-FB-14**	EPA 300.0 Rev 2.1 1993	921240		
92783822019	**BOW-LF5-8-EB-14**	EPA 300.0 Rev 2.1 1993	921240		
92783822001	**BOW-GWC-26**	EPA 3005A	923439	EPA 6020B	924941
92783822002	**BOW-GWC-27**	EPA 3005A	923439	EPA 6020B	924941
92783822003	**BOW-GWC-27R**	EPA 3005A	923439	EPA 6020B	924941
92783822004	**BOW-GWC-57**	EPA 3005A	923439	EPA 6020B	924941
92783822005	**BOW-LF5-8-FD-13**	EPA 3005A	923439	EPA 6020B	924941
92783822006	**BOW-LF5-8-FB-13**	EPA 3005A	923439	EPA 6020B	924941
92783822007	**BOW-LF5-8-EB-13**	EPA 3005A	923439	EPA 6020B	924941
92783822008	**BOW-GWC-29**	EPA 3005A	923439	EPA 6020B	924941
92783822009	**BOW-GWC-30**	EPA 3005A	923439	EPA 6020B	924941
92783822010	**BOW-GWC-31**	EPA 3005A	923439	EPA 6020B	924941
92783822011	**BOW-GWC-31R**	EPA 3005A	923439	EPA 6020B	924941
92783822012	**BOW-GWC-33R**	EPA 3005A	923439	EPA 6020B	924941
92783822013	**BOW-GWC-35**	EPA 3005A	923439	EPA 6020B	924941
92783822014	**BOW-GWC-28**	EPA 3005A	923439	EPA 6020B	924941
92783822015	**BOW-GWC-29R**	EPA 3005A	923439	EPA 6020B	924941
92783822016	**BOW-GWC-32**	EPA 3005A	923439	EPA 6020B	924941
92783822017	**BOW-LF5-8-FD-14**	EPA 3005A	923439	EPA 6020B	924941
92783822018	**BOW-LF5-8-FB-14**	EPA 3005A	923439	EPA 6020B	924941
92783822019	**BOW-LF5-8-EB-14**	EPA 3005A	923439	EPA 6020B	924941
92783822001	**BOW-GWC-26**	EPA 7470A	921044	EPA 7470A	921824
92783822002	**BOW-GWC-27**	EPA 7470A	921044	EPA 7470A	921824
92783822003	**BOW-GWC-27R**	EPA 7470A	921044	EPA 7470A	921824
92783822004	**BOW-GWC-57**	EPA 7470A	921044	EPA 7470A	921824
92783822005	**BOW-LF5-8-FD-13**	EPA 7470A	921044	EPA 7470A	921824
92783822006	**BOW-LF5-8-FB-13**	EPA 7470A	921044	EPA 7470A	921824
92783822007	**BOW-LF5-8-EB-13**	EPA 7470A	921044	EPA 7470A	921824
92783822008	**BOW-GWC-29**	EPA 7470A	921044	EPA 7470A	921824
92783822009	**BOW-GWC-30**	EPA 7470A	921044	EPA 7470A	921824
92783822010	**BOW-GWC-31**	EPA 7470A	921044	EPA 7470A	921824
92783822011	**BOW-GWC-31R**	EPA 7470A	921044	EPA 7470A	921824
92783822012	**BOW-GWC-33R**	EPA 7470A	921045	EPA 7470A	921825
92783822013	**BOW-GWC-35**	EPA 7470A	921045	EPA 7470A	921825
92783822014	**BOW-GWC-28**	EPA 7470A	921045	EPA 7470A	921825
92783822015	**BOW-GWC-29R**	EPA 7470A	921045	EPA 7470A	921825
92783822016	**BOW-GWC-32**	EPA 7470A	921045	EPA 7470A	921825
92783822017	**BOW-LF5-8-FD-14**	EPA 7470A	921045	EPA 7470A	921825

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bowen LF Cells 5-8
Pace Project No.: 92783822

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92783822018	**BOW-LF5-8-FB-14**	EPA 7470A	921045	EPA 7470A	921825
92783822019	**BOW-LF5-8-EB-14**	EPA 7470A	921045	EPA 7470A	921825

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Pace	DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt
	Effective Date: 05/24/2024

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: GA Power **Project #:**

Courier: ☐ Commercial ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Pace ☐ Other:____

Custody Seal Present? ☑ Yes ☐ No **Seals Intact?** ☑ Yes ☐ No ☐ N/A **Date/Initials Person Examining Contents:** 3/7/25 JH

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other **Biological Tissue Frozen?** ☐ Yes ☐ No ☑ N/A

Thermometer: ☑ IR Gun ID: 230 **Type of Ice:** ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.1 **Correction Factor:** Add/Subtract (°C) 0.1

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 3.2

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☐ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: W	☑ Yes	☐ No	☐ N/A	9.
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

COMMENTS/SAMPLE DISCREPANCY **Field Data Required?** ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ **Date:** _____

Project Manager SRF Review: _____ **Date:** _____

	DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt
Pace	Effective Date: 05/24/2024

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles
***Check all unpreserved Nitrates for chlorine

Project #

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG9A-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																													
1		2	1				2																						
2		2	1				2																						
3		2	1				2																						
4		2	1				2																						
5		2	1				2																						
6		2	1				2																						
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Qualtrax ID: 69614

Page 2 of 2

Pace® Location Requested (City/State):

Pace Analytical Charlotte
5800 Kinsey Ave. Suite 100, Mattersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

92783822

Scan QR Code for instructions

Company Name: Georgia Power - Bowen

Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308

Customer Project #:

Project Name: Bowen LF Cells 5-8

Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko, John Mocko

Phone #: (470) 217-0008

E-Mail: knjurink@southernco.com

Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gangi

Invoice to: Account Payable

Invoice E-mail: georgiapowerinvoices@southernco.com

Purchase Order # (if applicable): GPC82474-0006

Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F, SO4, Cl	App. Metals III/III + State Metals	Sample Comment	Preservation non-conformance Identified for sample
BOW-GWC-26	WG	G			03/04/25	1500	5			X	X	X	X	001	
BOW-GWC-27	WG	G			03/04/25	1444	5			X	X	X	X	002	
BOW-GWC-27R	WG	G			03/04/25	1305	5			X	X	X	X	003	
BOW-GWC-28	WG	G					5			X	X	X	X		
BOW-GWC-29	WG	G					5			X	X	X	X		
BOW-GWC-29R	WG	G					5			X	X	X	X		
BOW-GWC-30	WG	G					5			X	X	X	X		
BOW-GWC-31	WG	G					5			X	X	X	X		
BOW-GWC-31R	WG	G					5			X	X	X	X		
BOW-GWC-32	WG	G					5			X	X	X	X		

Lab Use Only: Proj. Mgr: Bonnie Varig; AcctNum / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: EZ 3225305

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App III: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App IV: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: Printed Name / Signature: William Lanker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C): Corrected Temp (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Ensafe	3/7/25 0840	Lyon Williams / Pace	3/7/25 0840	
Relinquished by/Company: (Signature) Lyon Williams / Pace	3/7/25 1325	Received by/Company: (Signature)	3/7/25 1325	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 150, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308

Contact/Report To: Kristen Jurinko, John Mocko
Phone #: (470) 217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gangi

Customer Project #:
Project Name: Bowen LF Cells 5-8
Site Collection Info/Facility ID (as applicable):

Invoice to: Account Payable
Invoice E-mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0006
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable:
Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
Date Results Requested:
DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

Specify Container Size **: 3 2 3 3
Identify Container Preservative Type***: 1 1 1 2
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 5gmL, (10) Other
*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Wang; AcctNum / Client ID:; Table #:; Profile / Template: 18492; Prelog / Bottle Ord. ID: EZ 3225305

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F, SO_4^{2-}, Cl	App. Metals (Fe/Mn + State Metals	Sample Comment	Preservation non-conformance identified for sample:
BOW-GWC-33R	WG	G					5			X	X	X	X		
BOW-GWC-57	WG	G			03/04/25	1441	5			X	X	X	X	004	
BOW-GWC-34	WG	G					5			X	X	X	X		
BOW-GWC-34R	WG	G					5			X	X	X	X		
BOW-GWC-35	WG	G					5			X	X	X	X		
BOW-LF5-8-FD- 13	WG	G			03/04/25	—	5			X	X	X	X	005	
BOW-LF5-8-FD-	WG	G					5			X	X	X	X		
BOW-LF5-8-FB- 13	WQ	G			03/04/25	1425	5			X	X	X	X	006	
BOW-LF5-8-EB- 13	WQ	G			03/04/25	1432	5			X	X	X	X	007	

Additional Instructions from Pace®:
Task Code: BOW-CCR-ASSMT-2025S1
App IV: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne
Printed Name
Signature
ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C): Corrected Temp (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Ensafe	3/7/25 0840	Ryan Williams / Pace	3/7/25 0840	
Ryan Williams / Pace	3/7/25 1325		3/7/25 1325	Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace	DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt
	Effective Date: 05/24/2024

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: Bc Power

Project #:

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace ☐ Other:

Custody Seal Present? ☐ Yes ☐ No **Seals Intact?** ☑ Yes ☐ No ☐ N/A

Date/Initials Person Examining Contents: 3/19/25 SK

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☐ IR Gun ID: 23W

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.1 **Correction Factor:** Add/Subtract (°C) 0.1

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 3.2

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: L				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: **Date:**

Project Manager SRF Review: **Date:**

Qualtrax ID: 69614

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles
***Check all unpreserved Nitrates for chlorine

Project #

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client_____ Profile/E2 (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																													
1		2	1				2																						
2		2	1				2																						
3		2	1				2																						
4		2	1				2																						
5		2	1				2																						
6		2	1				2																						
7		2	1				2																						
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, incorrect containers.

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave, Suite 150, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308
Customer Project #:
Project Name: Bowen LF Cells 5-8
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko, John Mocko
Phone #: (470) 217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gangi
Invoice to: Account Payable
Invoice E-mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0006
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET
County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
Date Results Requested:
DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LE), Biosolid (BS), Other (OT)

Specify Container Size**: 3 2 3 3
Identify Container Preservative Type***: 1 1 1 2
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 5035, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F-, SO4-2, Cl-	Acp. Metals III/III + State Metals	Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID: ; Table #: ; Profile / Template: 16492; Prelog / Bottle Ord. ID: EZ 3225305	Sample Comment	Preservation non-conformance identified for sample
BOW-GWC-26	WG	G					5			X	X	X	X			
BOW-GWC-27	WG	G					5			X	X	X	X			
BOW-GWC-27R	WG	G					5			X	X	X	X			
BOW-GWC-28	WG	G					5			X	X	X	X			
BOW-GWC-29	WG	G			3/5/25	1237	5			X	X	X	X		008	
BOW-GWC-29R	WG	G					5			X	X	X	X			
BOW-GWC-30	WG	G			3/5/25	1145	5			X	X	X	X		009	
BOW-GWC-31	WG	G			3/5/25	1350	5			X	X	X	X		010	
BOW-GWC-31R	WG	G			3/5/25	1505	5			X	X	X	X		011	
BOW-GWC-32	WG	G					5			X	X	X	X			

Additional Instructions from Pace®:
Task Code: BOW-CCR-ASSMT-2025S1
App III: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App IV: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne
Printed Name
Signature
ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C): Corrected Temp (°C): [ ] On ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Ensafe	3/7/25 0840	Ryan W. Pace	3/7/25 0840	
Ryan W. Pace / Pace	3/7/25 1325		3/7/25 1325	Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 2

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ENV-FRM-CORQ-0019_v02_110123 ©

Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave, Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gangi
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 5-8	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPCB2474-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____ Date Results Requested:
	DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; Acct.Num / Client ID:; Table #:; Profile / Template: 18492; Prelog / Bottle Ord. ID: EZ 3225305

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LE), BioSolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320G Alkalinity	2540C Total Dissolved Solids	300.0 - F, SO_4, Cl	App. Metals (dissolved) + State Metals	Sample Comment	Preservation non-conformance identified for sample
BOW-GWC-33R	WG	G			3/5/25	1342	5			X	X	X	X	12	
BOW-GWC-57	WG	G					5			X	X	X	X		
BOW-GWC-34	WG	G					5			X	X	X	X		
BOW-GWC-34R	WG	G					5			X	X	X	X		
BOW-GWC-35	WG	G			3/5/25	1134	5			X	X	X	X	13	
BOW-LF5-8-FD-	WG	G					5			X	X	X	X		
BOW-LF5-8-FD-	WG	G					5			X	X	X	X		
BOW-LF5-8-FB-	WQ	G					5			X	X	X	X		
BOW-LF5-8-EB-	WQ	G					5			X	X	X	X		

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App III: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Lasker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne

Printed Name / Signature: ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[illegible] EnSafe	3/7/25 0840	[illegible] / Pace	3/7/25 0840
[illegible] / Pace	3/7/25 1325	[illegible]	3/7/25 1325

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

WO# : 92783822

92783822

Sample Condition Upon Receipt

Client Name: GC Power Project #:

Courier: ☐ Commercial ☐ Fed Ex ☑ Pace ☐ UPS ☐ USPS ☐ Other:____ ☐ Client

Custody Seal Present? ☑ Yes ☐ No Seals Intact? ☑ Yes ☐ No ☐ N/A Date/Initials Person Examining Contents: 3/7/25 SG

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☑ IR Gun ID: 237 Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.1 Correction Factor: Add/Subtract (°C) 0.1

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 3.2

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: W				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

Qualtrax ID: 69614

DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

WO# : 92783822

PM: BV Due Date: 03/21/25

CLIENT: 92-GP-BOWLF

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

***Check all unpreserved Nitrates for chlorine

Project #

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																														
1		2	1				2																							
2		2	1				2																							
3		2	1				2																							
4		2	1				2																							
5		2	1				2																							
6		2	1				2																							
7																														
8																														
9																														
10																														
11																														
12																														

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Qualtrax ID: 69614

Page 2 of 2

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noella Gangi
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 5-8	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPC82474-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable. Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other ____ Date Results Requested:
	DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Specify Container Size **: 3 2 3 3
Identify Container Preservative Type***: 1 1 1 2

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: EZ 3225305

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F^-, SO_4^{2-}, Cl	App. Metals II/III + State Metals	Sample Comment	Preservation non-conformance identified for sample.
BOW-GWC-26	WG	G					5			X	X	X	X		
BOW-GWC-27	WG	G					5			X	X	X	X		
BOW-GWC-27R	WG	G					5			X	X	X	X		
BOW-GWC-28	WG	G			3/6/25	1151	5			X	X	X	X	014	
BOW-GWC-29	WG	G					5			X	X	X	X		
BOW-GWC-29R	WG	G			3/6/25	1058	5			X	X	X	X	015	
BOW-GWC-30	WG	G					5			X	X	X	X		
BOW-GWC-31	WG	G					5			X	X	X	X		
BOW-GWC-31R	WG	G					5			X	X	X	X		
BOW-GWC-32	WG	G			3/6/25	1149	5			X	X	X	X	016	

Additional Instructions from Pace®:
Task Code: BOW-CCR-ASSMT-2025S1
App I/II: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne
Printed Name
Signature: Kyle Rhyne
ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Ensafe	3/7/25 0840	Pace	3/7/25 0840
Pace	3/7/25 1325		3/7/25 1325

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace® Location Requested (City/State): Pace Analytical Charlotte, 9800 Kincey Ave, Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gang
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 5-8	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPC82474-0006
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other ____ Date Results Requested:
	DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Specify Container Size **: 3 2 3 3

Identify Container Preservative Type***: 1 1 1 2

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 80mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: EZ 3225305

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	2320B Alkalinity	2540C Total Dissolved Solids	300.0 - F-, SO4-2, Cl-	App. Metals I/II/III + State Metals	Sample Comment	Preservation non-conformance Identified for sample
BOW-GWC-33R	WG	G					5			X	X	X	X		
BOW-GWC-57	WG	G					5			X	X	X	X		
BOW-GWC-34	WG	G					5			X	X	X	X		
BOW-GWC-34R	WG	G					5			X	X	X	X		
BOW-GWC-35	WG	G					5			X	X	X	X		
BOW-LF5-8-FD-14	WG	G			3/6/25	—	5			X	X	X	X	017	
BOW-LF5-8-FD-	WG	G					5			X	X	X	X		
BOW-LF5-8-FB-14	WQ	G			3/6/25	1318	5			X	X	X	X	018	
BOW-LF5-8-EB-14	WQ	G			3/6/25	1310	5			X	X	X	X	019	

Additional Instructions from Pace®:

Task Code: BOW-CCR-ASSMT-2025S1

App IV: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, Zinc
App III: Boron, Calcium, Chloride, Fluoride, Sulfate, TDS
Additional Metals: Iron, Magnesium, Manganese, Potassium, Sodium

Collected By: William Laaker, Jay Siewert, Natalie Piparo, Sawyer Kovacs, Kyle Rhyne
Printed Name
Signature

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
EnSafe	3/7/25 0840	Pace	3/7/25 0840	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Pace	3/7/25 1325		3/7/25 1325	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 2
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORD-0019_v02_110123 ©

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

June 05, 2025

Kristen Jurinko
Southern Company
241 Ralph McGill Blvd
NE, Bin 10160
Atlanta, GA 30308

RE: Project: Bowen LF Cells 9&10
Pace Project No.: 92794442

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory on May 05, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - West Columbia

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bonnie Vang
bonnie.vang@pacelabs.com
704-977-0968
Project Manager

Enclosures

cc: Carole Lieu, Stantec
Laura Midkiff, Southern Co.
John Mocko, Stantec
Katie Ross, Stantec
Edgar Smith, Stantec
Andrew Stevens, Stantec

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CERTIFICATIONS

Project: Bowen LF Cells 9&10
Pace Project No.: 92794442

Pace Analytical Services West Columbia
106 Vantage Point Drive, West Columbia, SC 29172
Alaska Dept. of Energy Conservation, Cert# 20-002
California ELAP, cert# 3049
DoD, DoD QSM V5.4, cert# I.2224
DOE, DoD/DOE QSM V5.4, cert# I.2224.01
Florida, Dept. of Health, cert# E87653-70
Georgia, Env. Protection Division, cert# E87653
Illinois, EPA NELAP, cert# 2000552024-9
Kansas, Dept. of Health and Environment, cert# E-10417
Kentucky, Dept. for Env. Protection, UST, cert# 103582
Kentucky, Dept. for Env. Protection, cert# 98037
Louisiana, Dept. of Environmental Quality, cert# 5125
North Carolina, DEQ, Water Resources, cert# 329
New Jersey, Dept. of Env. Protection, cert# NLC 240005
Oklahoma, Dept. of Env. Quality, cert# 2023-175
Oregon, ELAP, cert# 4181-006
Pennsylvania, Dept. of Env. Protection, cert# 003
South Carolina, Dept. of Env. Services, cert# 32010001
Texas, Commission on Env. Quality, cert# TX-C24-00083
Virginia, Dept. of General Services, cert# 13080
Wisconsin, Dept. of Natural Resources, cert# 399136100

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SAMPLE SUMMARY

Project: Bowen LF Cells 9&10
Pace Project No.: 92794442

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92794442001	**BOW-GWC-48**	Water	05/01/25 12:25	05/05/25 14:30
92794442002	**BOW-LF9-10-FD-01**	Water	05/01/25 00:00	05/05/25 14:30
92794442003	**BOW-LF9-10-FB-01**	Water	05/01/25 16:26	05/05/25 14:30
92794442004	**BOW-LF9-10-EB-01**	Water	05/01/25 16:32	05/05/25 14:30

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SAMPLE ANALYTE COUNT

Project: Bowen LF Cells 9&10
Pace Project No.: 92794442

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92794442001	**BOW-GWC-48**	EPA 6020B	CBP	1
		EPA 7470A	KAJ1	1
92794442002	**BOW-LF9-10-FD-01**	EPA 6020B	CBP	1
		EPA 7470A	KAJ1	1
92794442003	**BOW-LF9-10-FB-01**	EPA 6020B	CBP	1
		EPA 7470A	KAJ1	1
92794442004	**BOW-LF9-10-EB-01**	EPA 6020B	CBP	1
		EPA 7470A	KAJ1	1

PASI-WC = Pace Analytical Services - West Columbia

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Bowen LF Cells 9&10
Pace Project No.: 92794442

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92794442001	**BOW-GWC-48**					
EPA 6020B	Selenium	0.0060	mg/L	0.0050	05/28/25 00:40	
EPA 7470A	Mercury	0.00049	mg/L	0.00020	05/12/25 08:47	
92794442002	**BOW-LF9-10-FD-01**					
EPA 6020B	Selenium	0.0065	mg/L	0.0050	05/28/25 00:49	
EPA 7470A	Mercury	0.00048	mg/L	0.00020	05/12/25 08:49	

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
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PROJECT NARRATIVE

Project: Bowen LF Cells 9&10
Pace Project No.: 92794442

Date: June 05, 2025

Client requested Selenium analysis be added to the project.

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PROJECT NARRATIVE

Project: Bowen LF Cells 9&10
Pace Project No.: 92794442

Method: **EPA 6020B**
Description: WC 6020B MET ICPMS
Client: Georgia Power- Bowen
Date: June 05, 2025

General Information:
4 samples were analyzed for EPA 6020B by Pace Analytical Services West Columbia. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3005A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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Huntersville, NC 28078
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PROJECT NARRATIVE

Project: Bowen LF Cells 9&10
Pace Project No.: 92794442

Method: **EPA 7470A**
Description: WCOL 7470 Mercury
Client: Georgia Power- Bowen
Date: June 05, 2025

General Information:
4 samples were analyzed for EPA 7470A by Pace Analytical Services West Columbia. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 7470A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92794442

Sample: BOW-GWC-48 **Lab ID: 92794442001** Collected: 05/01/25 12:25 Received: 05/05/25 14:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Selenium	**0.0060**	mg/L	0.0050	0.0012	1	05/21/25 06:08	05/28/25 00:40	7782-49-2	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	**0.00049**	mg/L	0.00020	0.000091	1	05/10/25 09:40	05/12/25 08:47	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92794442

Sample: BOW-LF9-10-FD-01 **Lab ID: 92794442002** Collected: 05/01/25 00:00 Received: 05/05/25 14:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Selenium	**0.0065**	mg/L	0.0050	0.0012	1	05/21/25 06:08	05/28/25 00:49	7782-49-2	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	**0.00048**	mg/L	0.00020	0.000091	1	05/10/25 09:40	05/12/25 08:49	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92794442

Sample: BOW-LF9-10-FB-01 **Lab ID: 92794442003** Collected: 05/01/25 16:26 Received: 05/05/25 14:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Selenium	ND	mg/L	0.0050	0.0012	1	05/21/25 06:08	05/28/25 00:58	7782-49-2	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/10/25 09:40	05/12/25 08:57	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Bowen LF Cells 9&10
Pace Project No.: 92794442

Sample: BOW-LF9-10-EB-01 **Lab ID: 92794442004** Collected: 05/01/25 16:32 Received: 05/05/25 14:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Selenium	ND	mg/L	0.0050	0.0012	1	05/21/25 06:08	05/28/25 01:07	7782-49-2	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	05/10/25 09:40	05/12/25 09:00	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Bowen LF Cells 9&10
Pace Project No.: 92794442

QC Batch: 936752
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92794442001, 92794442002, 92794442003, 92794442004

METHOD BLANK: 4814140 Matrix: Water
Associated Lab Samples: 92794442001, 92794442002, 92794442003, 92794442004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Selenium	mg/L	ND	0.0050	0.0012	05/28/25 00:22	

LABORATORY CONTROL SAMPLE: 4814141

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Selenium	mg/L	0.1	0.085	85	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4814142 4814143

Parameter	Units	92795879005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Selenium	mg/L	ND	0.1	0.1	0.10	0.10	99	102	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Bowen LF Cells 9&10
Pace Project No.: 92794442

QC Batch: 934748 | Analysis Method: EPA 7470A
QC Batch Method: EPA 7470A | Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92794442001, 92794442002, 92794442003, 92794442004

METHOD BLANK: 4803742 Matrix: Water
Associated Lab Samples: 92794442001, 92794442002, 92794442003, 92794442004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000091	05/12/25 08:14	

LABORATORY CONTROL SAMPLE: 4803743

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0018	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4803744 4803745

Parameter	Units	92794442002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	0.00048	0.002	0.002	0.0024	0.0024	98	98	80-120	1	20	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
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QUALIFIERS

Project: Bowen LF Cells 9&10
Pace Project No.: 92794442

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Bowen LF Cells 9&10
Pace Project No.: 92794442

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92794442001	**BOW-GWC-48**	EPA 3005A	936752	EPA 6020B	938340
92794442002	**BOW-LF9-10-FD-01**	EPA 3005A	936752	EPA 6020B	938340
92794442003	**BOW-LF9-10-FB-01**	EPA 3005A	936752	EPA 6020B	938340
92794442004	**BOW-LF9-10-EB-01**	EPA 3005A	936752	EPA 6020B	938340
92794442001	**BOW-GWC-48**	EPA 7470A	934748	EPA 7470A	935100
92794442002	**BOW-LF9-10-FD-01**	EPA 7470A	934748	EPA 7470A	935100
92794442003	**BOW-LF9-10-FB-01**	EPA 7470A	934748	EPA 7470A	935100
92794442004	**BOW-LF9-10-EB-01**	EPA 7470A	934748	EPA 7470A	935100

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Pace ANALYTICAL SERVICES	**DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt**
	Effective Date: 05/24/2024

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: Pace

Project #:

WO# : 92794442

92794442

Courier: ☐ Commercial ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Pace ☐ Other:____

Custody Seal Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☐ No ☑ N/A

Date/Initials Person Examining Contents: 5/5 MC

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☑ IR Gun ID: 730

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.1 **Correction Factor:** Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 3.1

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: W				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ **Date:** _____

Project Manager SRF Review: _____ **Date:** _____

Qualtrax ID: 69614

Pace

DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

WO# : 92794442

PM: BV Due Date: 05/20/25

CLIENT: 92-GP-BOWLF

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

***Check all unpreserved Nitrates for chlorine

Project #

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG9A-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																													
1		2	1				2	1																					
2		2	1				2	1																					
3		2	1				2	1																					
4		2	1				2	1																					
5		2	1				2	1																					
6		2	1				2	1																					
7		2	1				2	1																					
8		2	1				2	1																					
9							1																						
10							1																						
11							1																						
12							1																						

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace® Location Requested (City/State):

Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

92794442

Scan QR Code for instructions

Company Name: Georgia Power - Bowen	Contact/Report To: Kristen Jurinko, John Mocko
Street Address: 241 Ralph McGill Blvd NE, Atlanta, GA 30308	Phone #: (470) 217-0008
	E-Mail: knjurink@southernco.com
	Cc E-Mail: Laura Midkiff, Ben Hodges, Mike Smilley, Noelia Gangi
Customer Project #:	Invoice to: Account Payable
Project Name: Bowen LF Cells 9&10	Invoice E-mail: georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	Purchase Order # (if applicable): GPC95642-0002
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
	Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

Specify Container Size**: 3

Identify Container Preservative Type***: 2

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16492; Prelog / Bottle Ord. ID: ~~EZ 2226803~~

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	Mercury	Sample Comment	Preservation non-conformance identified for sample
BOW-GWC-48	WG	G			5/1/25	1225	1			X	001	
BOW-LF9-10-FD-01	WG	G			5/1/25	—	1			X	002	
BOW-LF9-10-FB-01	WQ	G			5/1/25	1626	1			X	003	
BOW-LF9-10-EB-01	WQ	G			5/1/25	1632	1			X	004	

Additional Instructions from Pace®:
Task Code: BOW-CCR-ASSMT-2025S1R1

Collected By: William Leaker, Jay Siewert, Natalie Piparo
Printed Name
Signature

ENSAFE

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Ensafe	5/5/25 0830	Pace	5/5/25 0830
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 5/5/25 1430
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

DATA USABILITY SUMMARY

Steven Elliott (Stantec) reviewed one data package from Pace Analytical for the analysis of water samples collected from February 27 through March 4, 2025, at the Georgia Power Bowen Plant site (Cells 1 & 2). Samples were collected according to the 2022 CCR Permit Groundwater Monitoring Plan (CCR Permit No. 008-018D [CCR]).

Intended Use of Data: To delineate concentrations of constituents of concern in site groundwater.

Analyses requested included:

- SW-846-6020B – Metals by inductively coupled plasma - mass spectrometry (ICP/MS)
- SW-846 7470A – Mercury by manual cold-vapor
- EPA 300 Rev 2.1 – Chloride, fluoride, and sulfate by ion chromatography
- SM 2320B – 2011 - Alkalinity
- SM 2540C - 2015 – Total dissolved solids (TDS)

Data were reviewed and validated as described in the field sampling plan and the *National Functional Guidelines for Inorganic Superfund Methods Data Review* (November 2020). The results of the review/validation are discussed in this Data Usability Summary (DUS) and the associated Laboratory Data Review Checklists.

DATA REVIEW/VALIDATION RESULTS

Introduction

Twenty four (24) groundwater samples, three (3) field blanks, three (3) equipment blanks, and three (3) field duplicate samples were analyzed for one or more of the analyses listed above. Table 1 lists the field identifications cross-referenced to laboratory identifications. Table 2 is a summary of qualified data. Tables 3a – 3c summarize field duplicate results.

Analytical Results

The data packages contain a minimum of one quality control batch per analytical method analyzed. The quality control batch identifies the laboratory QC samples that correspond to the designated field samples. Not detected results are reported as less than the value of the method detection limit (MDL).

Preservation and Holding Times

The samples were evaluated for agreement with the chain-of-custody forms. The samples were received in the appropriate containers with the paperwork filled out properly. The laboratory sample condition upon receipt forms indicates all samples were received at a temperature of 3.2°C. All samples were analyzed within the technical holding time. No data were qualified.

Calibrations

Case narratives indicate Initial and continuing calibration verification data were within method acceptance criteria.

Blanks

Laboratory Method Blanks. No contamination was detected in any of the laboratory method blanks.

Field Blanks. Field blanks (BOW-LF1-2-FB-10, BOW-LF1-2-EB-10, BOW-LF1-2-FB-11, BOW-LF1-2-EB-11, BOW-LF1-2-FB-12, and BOW-LF1-2-EB-12) were analyzed for the full suite of sample analyses and all analytes were reported as not detected.

Laboratory Control Samples

Laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) recoveries met the laboratory acceptance criteria for all analyses.

Matrix Spike/Matrix Spike Duplicates

Site-specific MS/MSD precision and accuracy results were within the laboratory acceptance criteria with the following exceptions:

- Chloride in sample BOW-GWC-10 had a high MSD percent recovery and has been qualified as estimated.
- Calcium and magnesium in sample BOW-GWA-2 had MS percent recoveries outside of laboratory acceptance criteria. However, the spiking concentrations were less than 30% of the concentration reported for the parent sample and therefore not appropriate for evaluation.

Laboratory Duplicates

Appropriate analytical duplicates were analyzed and RPDs were within the laboratory acceptance criteria.

Analyte Quantitation and Sensitivity

All results were reported to the MDLs in mg/L.

Positive results that were less than the reporting limit (RL), but greater than the MDL were qualified "J," as estimated concentrations by the laboratory, due to increased uncertainty near the detection limit. These qualified results were retained in this assessment. Sample results reported between the MDL and RL are usable as estimated values with an unknown directional bias.

All RLs were less than five times (<5X) the reported MDLs with the following exceptions:

- Antimony (6X)
- Boron (6.45X)
- Calcium (10X)
- Manganese (33.3X)
- Silver (20X)
- Sodium (6.6X)
- Thallium (6.6X)
- Zinc (8X)

Metals (6020): Several samples (BOW-GWA-1, BOW-GWA-2, and BOW-GWA-2R) required dilution to bring the target calcium concentrations into the calibration range. Elevated MDLs and RLs were reported as required.

Field Precision

Three sets of field duplicate samples were collected for this sampling event (see Tables 3a, 3b, and 3c for sample/duplicate identification and precision calculations). The calculated RPDs between sample and duplicate were within the QAPP acceptance criteria of 25% for all analytes detected above five times the RL. For results reported less than five times the RL, with a difference between sample and duplicate less than two times the RL are also considered acceptable (qualified "A*"). All field duplicate precision was considered acceptable with the following exception.

- TDS in the field duplicate pair BOW-GWC-12 / BOW-LF1-2-FD-12 had a high RPD and both the parent and duplicate have been qualified as estimated.

Summary

The groundwater analytical data are usable for the purpose of determining current concentrations of COCs in this medium at the affected property. A summary of qualified data is presented in Table 2 below.

References:

2022 CCR Permit Groundwater Monitoring Plan (CCR Permit No. 008-018D [CCR]

United State Environmental Protection Agency (USEPA), 2020. National Functional Guidelines for Superfund Inorganic Methods Data Review. November.

Table 1 – Cross-Reference between Laboratory and Field Identifications

Field Identification	Laboratory Identification	SDG	Analyses	Sample Date
BOW-GWA-1	92782410001	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/27/25 12:47
BOW-GWA-2	92782410002	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/27/25 14:50
BOW-GWA-2R	92782410003	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/27/25 11:08
BOW-GWA-50	92782410004	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/27/25 15:44
BOW-GWC-5	92782410005	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/27/25 12:00
BOW-GWC-6	92782410006	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/27/25 13:45
BOW-GWC-6RZ	92782410007	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/27/25 15:00
BOW-GWC-7Z	92782410008	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/27/25 15:43
BOW-LF1-2-FD-11	92782410009	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/27/25 00:00

Field Identification	Laboratory Identification	SDG	Analyses	Sample Date
BOW-LF1-2-FB-11	92782410010	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/27/25 16:20
BOW-LF1-2-EB-11	92782410011	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/27/25 16:15
BOW-GWA-3A	92782410012	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/26/25 15:44
BOW-LF1-2-FD-10	92782410013	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/26/25 00:00
BOW-LF1-2-FB-10	92782410014	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/26/25 16:23
BOW-LF1-2-EB-10	92782410015	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/26/25 16:16
BOW-GWA-4RZ	92782410016	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/28/25 09:53
BOW-GWA-50R	92782410017	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/28/25 11:24
BOW-GWC-8Z	92782410018	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/28/25 11:30
BOW-GWC-9	92782410019	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/28/25 11:41
BOW-GWC-10	92782410020	92782410	6010, 6020, 7470, 300, 2320B, 2540C	02/28/25 11:50
BOW-GWC-10R	92782410021	92782410	6010, 6020, 7470, 300, 2320B, 2540C	03/03/25 12:32
BOW-GWC-11R	92782410022	92782410	6010, 6020, 7470, 300, 2320B, 2540C	03/03/25 15:35
BOW-GWC-13	92782410023	92782410	6010, 6020, 7470, 300, 2320B, 2540C	03/03/25 15:48
BOW-GWC-14Z	92782410024	92782410	6010, 6020, 7470, 300, 2320B, 2540C	03/03/25 14:22
BOW-GWC-15R	92782410025	92782410	6010, 6020, 7470, 300, 2320B, 2540C	03/03/25 12:34
BOW-GWC-15Z	92782410026	92782410	6010, 6020, 7470, 300, 2320B, 2540C	03/03/25 10:44
BOW-GWC-8RR	92782410027	92782410	6010, 6020, 7470, 300, 2320B, 2540C	03/04/25 10:15
BOW-GWC-11	92782410028	92782410	6010, 6020, 7470, 300, 2320B, 2540C	03/04/25 13:00
BOW-GWC-12	92782410029	92782410	6010, 6020, 7470, 300, 2320B, 2540C	03/04/25 13:50
BOW-GWC-13RZ	92782410030	92782410	6010, 6020, 7470, 300, 2320B, 2540C	03/04/25 10:27
BOW-LF1-2-FD-12	92782410031	92782410	6010, 6020, 7470, 300, 2320B, 2540C	03/04/25 00:00

Field Identification	Laboratory Identification	SDG	Analyses	Sample Date
BOW-LF1-2-FB-12	92782410032	92782410	6010, 6020, 7470, 300, 2320B, 2540C	03/04/25 14:07
BOW-LF1-2-EB-12	92782410033	92782410	6010, 6020, 7470, 300, 2320B, 2540C	03/04/25 14:17

Table 2 – Qualified Analytical Data

Field Identification	Analyte	Qualification	Reason for Qualification
BOW-GWC-10	Chloride	J / MS1	High MSD %R
BOW-GWC-12	TDS	J / FD1	High FD RPD
BOW-LF1-2-FD-12	TDS	J / FD1	High FD RPD

MS1 – Matrix spike percent recovery exceeds laboratory limits.
FD1 – High field duplicate relative percent difference.
J – Estimated data; the reported quantitation limit or sample concentration is approximated due to exceedance of one or more QC requirements.

Table 3a – Field Precision

Field Identification	Analyte	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD[a]	Qualified
BOW-GWA-3A / BOW-LF1-2-FD-10	Chloride	9.3	9.3	0.0%	A
	Sulfate	1.7	1.7	<2XRL	A*
	Barium	0.0075	0.0075	<2XRL	A*
	Calcium	19.9	22.5	12.3%	A
	Magnesium	12.6	12.5	0.8%	A
	Potassium	1.4	1.4	<2XRL	A*
	Sodium	4.9	4.9	<2XRL	A*
	Bicarbonate	96.8	99	2.2%	A
	Alkalinity	96.8	99	2.2%	A
	TDS	121	109	10.4%	A

[a] RPD = ((SR - DR)*200)/(SR + DR)
A - Acceptable Data.
A* - Acceptable data where results were less than 5X the RDL and the difference between sample and duplicate was less than 2X the RDL.
J – Estimated
NA – not applicable

Table 3b – Field Precision

Field Identification	Analyte	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD[a]	Qualified
BOW-GWA-2R / BOW-LF1-2-FD-11	Chloride	3.2	3.2	<2XRL	A*
	Fluoride	0.095 J	0.056 J	<2XRL	A*
	Sulfate	41.5	39.5	4.9%	A
	Antimony	0.0042	0.0038	10.0%	A
	Barium	0.028	0.027	3.6%	A
	Boron	0.021 J	0.020 J	<2XRL	A*
	Calcium	66.7	63.2	5.4%	A
	Magnesium	7.8	7.9	1.3%	A
	Potassium	0.78	0.76	<2XRL	A*
	Sodium	2.4	2.3	<2XRL	A*
	Bicarbonate	151	149	1.3%	A
	Alkalinity	151	149	1.3%	A
	TDS	231	224	3.1%	A

[a] RPD = ((SR - DR)*200)/(SR + DR)
A - Acceptable Data.
A* - Acceptable data where results were less than 5X the RDL and the difference between sample and duplicate was less than 2X the RDL.
J – Estimated
NA – not applicable

Table 3c – Field Precision

Field Identification	Analyte	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD[a]	Qualified
BOW-GWC-12 / BOW-LF1-2-FD-12	Chloride	0.62 J	0.63 J	<2XRL	A*
	Sulfate	0.057 J	0.056 J	<2XRL	A*
	Arsenic	0.0053	0.0053	0.0%	A*
	Barium	0.023	0.024	4.3%	A*
	Cadmium	0.00067	0.00061	9.4%	A
	Calcium	7.9	7.9	0.0%	A
	Cobalt	0.0033 J	0.0032 J	<2XRL	A*
	Iron	9.7	9.8	1.0%	A
	Magnesium	4.0	3.9	2.5%	A*
	Manganese	0.21	0.21	0.0%	A
	Nickel	0.0026 J	0.0026 J	<2XRL	A*
	Potassium	1.1	1.1	<2XRL	A*
	Sodium	2.5	2.5	<2XRL	A*
	Zinc	0.017 J	0.017 J	<2XRL	A*
	Bicarbonate	50.4	50.5	0.2%	A
	Alkalinity	50.4	50.5	0.2%	A*
	TDS	75	55	30.8%	J

[a] RPD = ((SR - DR)*200)/(SR + DR)
A - Acceptable Data.
A* - Acceptable data where results were less than 5X the RDL and the difference between sample and duplicate was less than 2X the RDL.
J – Estimated
NA – not applicable

DATA USABILITY SUMMARY

Steven Elliott (Stantec) reviewed one data package from Pace Analytical for the analysis of water samples collected from February 19 through 25, 2025, at the Georgia Power Bowen Plant site (Cells 3 & 4). Samples were collected according to the 2022 CCR Permit Groundwater Monitoring Plan (CCR Permit No. 008-018D [CCR]).

Intended Use of Data: To delineate concentrations of constituents of concern in site groundwater.

Analyses requested included:

- SW-846-6020B – Metals by inductively coupled plasma - mass spectrometry (ICP/MS)
- SW-846 7470A – Mercury by manual cold-vapor
- EPA 300 Rev 2.1 – Chloride, fluoride, and sulfate by ion chromatography
- SM 2320B – 2011 - Alkalinity
- SM 2540C - 2015 – Total dissolved solids (TDS)

Data were reviewed and validated as described in the field sampling plan and the *National Functional Guidelines for Inorganic Superfund Methods Data Review* (November 2020). The results of the review/validation are discussed in this Data Usability Summary (DUS) and the associated Laboratory Data Review Checklists.

DATA REVIEW/VALIDATION RESULTS

Introduction

Fifteen (15) groundwater samples, two (2) field blanks, two (2) equipment blanks, and two (2) field duplicate samples were analyzed for one or more of the analyses listed above. Table 1 lists the field identifications cross-referenced to laboratory identifications. Table 2 is a summary of qualified data. Tables 3a – 3b summarize field duplicate results.

Analytical Results

The data packages contain a minimum of one quality control batch per analytical method analyzed. The quality control batch identifies the laboratory QC samples that correspond to the designated field samples. Not detected results are reported as less than the value of the method detection limit (MDL).

Preservation and Holding Times

The samples were evaluated for agreement with the chain-of-custody forms. The samples were received in the appropriate containers with the paperwork filled out properly. The laboratory sample condition upon receipt forms indicates all samples were received at a temperature of 3.4°C. All samples were analyzed within the technical holding time. No data were qualified.

Calibrations

Case narratives indicate Initial and continuing calibration verification data were within method acceptance criteria.

Blanks

Laboratory Method Blanks. No contamination was detected in any of the laboratory method blanks with the following exceptions:

- Iron was detected in the method blank 4739876 at a concentration (0.016J) below the reporting limit. Associated sample results detected with concentrations less than 10 times the blank concentration (BOW-GWC-24R, BOW-LF3-4-FD-06, and BOW-GWC-37) have been qualified as estimated with a high bias (J+).

Field Blanks. Field blanks (BOW-LF3-4-FB-06, BOW-LF3-4-EB-06, BOW-LF3-4-FB-07, and BOW-LF3-4-EB-07) were analyzed for the full suite of sample analyses and all analytes were not detected with the following exceptions:

- Iron, magnesium, and alkalinity (total, bicarbonate, and carbonate) were detected in the field blanks BOW-LF3-4-EB-06 (2/24) at concentrations above the reporting limit (RL). Cadmium and manganese were detected in the field blanks BOW-LF3-4-EB-06 at concentrations below the reporting limit RL. Associated sample results detected with concentrations less than 10 times the blank concentration have been qualified as estimated with a high bias (J+).

Laboratory Control Samples

Laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) recoveries met the laboratory acceptance criteria for all analyses.

Matrix Spike/Matrix Spike Duplicates

Site-specific MS/MSD precision and accuracy results were within the laboratory acceptance criteria with the following exceptions:

- Calcium and magnesium in BOW-GWC-36RA had low MS percent recoveries. However, the spiking concentration was less than 30% of the concentration reported for the parent sample and therefore not appropriate for evaluation.

Laboratory Duplicates

Appropriate analytical duplicates were analyzed and RPDs were within the laboratory acceptance criteria.

Analyte Quantitation and Sensitivity

All results were reported to the MDLs in mg/L.

Positive results that were less than the reporting limit (RL), but greater than the MDL were qualified "J," as estimated concentrations by the laboratory, due to increased uncertainty near the detection limit. These qualified results were retained in this assessment. Sample results reported between the MDL and RL are usable as estimated values with an unknown directional bias.

All RLs were less than five times (<5X) the reported MDLs with the following exceptions:

- Antimony (6X)
- Boron (6.45X)
- Calcium (10X)

- Manganese (33.3X)
- Silver (20X)
- Sodium (6.6X)
- Thallium (6.6X)
- Zinc (8X)

Metals (6020): Several samples (BOW-GWC-17R, BOW-GWC-21R, BOW-GWC-23R BOW-GWC-25R and BOW-LF3-4-FD-07) required dilution to bring the target calcium and/or magnesium concentrations into the calibration range. Elevated MDLs and RLs were reported as required.

Field Precision

Two sets of field duplicate samples were collected for this sampling event (see Tables 3a and 3b for sample/duplicate identification and precision calculations). The calculated RPDs between sample and duplicate were within the QAPP acceptance criteria of 25% for all analytes detected above five times the RL. For results reported less than five times the RL, with a difference between sample and duplicate less than two times the RL are also considered acceptable (qualified "A*"). All field duplicate precision was considered acceptable.

Summary

The groundwater analytical data are usable for the purpose of determining current concentrations of COCs in this medium at the affected property. A summary of qualified data is presented in Table 2 below.

References:

2022 CCR Permit Groundwater Monitoring Plan (CCR Permit No. 008-018D)

United State Environmental Protection Agency (USEPA), 2020. National Functional Guidelines for Superfund Inorganic Methods Data Review. November.

Table 1 – Cross-Reference between Laboratory and Field Identifications

Field Identification	Laboratory Identification	SDG	Analyses	Sample Date
BOW-GWC-36A	92781127001	92781127	6020, 7470, 300, 2320B, 2540C	02/19/25 14:18
BOW-GWC-36RA	92781127002	92781127	6020, 7470, 300, 2320B, 2540C	02/19/25 13:03
BOW-GWC-37	92781127003	92781127	6020, 7470, 300, 2320B, 2540C	02/19/25 12:53
BOW-GWC-38	92781127004	92781127	6020, 7470, 300, 2320B, 2540C	02/19/25 15:46
BOW-GWC-18R	92781127005	92781127	6020, 7470, 300, 2320B, 2540C	02/19/25 15:48
BOW-LF3-4-FD-06	92781127006	92781127	6020, 7470, 300, 2320B, 2540C	02/19/25 00:00

Field Identification	Laboratory Identification	SDG	Analyses	Sample Date
BOW-GWC-18	92781127007	92781127	6020, 7470, 300, 2320B, 2540C	02/20/25 16:11
BOW-GWC-19R	92781127008	92781127	6020, 7470, 300, 2320B, 2540C	02/20/25 12:08
BOW-GWC-20R	92781127009	92781127	6020, 7470, 300, 2320B, 2540C	02/20/25 13:46
BOW-GWC-22R	92781127010	92781127	6020, 7470, 300, 2320B, 2540C	02/20/25 16:08
BOW-GWC-24R	92781127011	92781127	6020, 7470, 300, 2320B, 2540C	02/24/25 12:48
BOW-LF3-4-FB-06	92781127012	92781127	6020, 7470, 300, 2320B, 2540C	02/24/25 16:20
BOW-LF3-4-EB-06	92781127013	92781127	6020, 7470, 300, 2320B, 2540C	02/24/25 16:25
BOW-GWC-16R	92781127014	92781127	6020, 7470, 300, 2320B, 2540C	02/25/25 10:21
BOW-GWC-17R	92781127015	92781127	6020, 7470, 300, 2320B, 2540C	02/25/25 12:12
BOW-GWC-21R	92781127016	92781127	6020, 7470, 300, 2320B, 2540C	02/25/25 13:55
BOW-GWC-23R	92781127017	92781127	6020, 7470, 300, 2320B, 2540C	02/25/25 12:05
BOW-GWC-25R	92781127018	92781127	6020, 7470, 300, 2320B, 2540C	02/25/25 10:35
BOW-LF3-4-FD-07	92781127019	92781127	6020, 7470, 300, 2320B, 2540C	02/25/25 00:00
BOW-LF3-4-FB-07	92781127020	92781127	6020, 7470, 300, 2320B, 2540C	02/25/25 15:30
BOW-LF3-4-EB-07	92781127021	92781127	6020, 7470, 300, 2320B, 2540C	02/25/25 15:35

Table 2 – Qualified Analytical Data

Field Identification	Analyte	Qualification	Reason for Qualification
BOW-GWC-37	Iron	J+ / BLL	Detected in MB
BOW-LF3-4-FD-06	Iron	J+ / BLL	Detected in MB
BOW-LF3-4-EB-06	Iron	J+ / BLL	Detected in MB
BOW-GWC-38	Iron	J+ / BLL	Detected in MB
BOW-GWC-24R	Iron	J+ / BFH	Detected in FB
BOW-GWC-24R	Manganese	J+ / BFL	Detected in FB

BLL – Detected in laboratory blank below the RL.
BFH – Detected in field blank above RL.
BFL – Detected in field blank below RL.
J – Estimated data; the reported quantitation limit or sample concentration is approximated due to exceedance of one or more QC requirements.
J+ - Estimated with a high bias

Table 3a – Field Precision

Field Identification	Analyte	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD[a]	Qualified
BOW-GWC-37 / BOW-LF3-4-FD-06	Bicarbonate	5.5	6.6	<2xRL	A*
	Alkalinity	5.5	6.6	<2xRL	A*
	Chloride	0.76 J	0.75 J	<2xRL	A*
	Barium	0.0038 J	0.0037 J	<2xRL	A*
	Calcium	0.70 J	0.69 J	<2xRL	A*
	Copper	0.016	0.017	<2xRL	A*
	Iron	0.024 J	0.025 J	<2xRL	A*
	Magnesium	0.28	0.28	0.0%	A
	Manganese	0.010 J	0.011 J	<2xRL	A*
	Nickel	0.017	0.018	<2xRL	A*
	Potassium	0.45 J	0.44 J	<2xRL	A*
	Sodium	2.8	2.8	<2xRL	A*
	Zinc	0.0046 J	0.0049 J	<2xRL	A*

[a] RPD = ((SR - DR)*200)/(SR + DR)
A - Acceptable Data.

A* - Acceptable data where results were less than 5X the RL and the difference between sample and duplicate was less than 2X the RL.
J – Estimated

Table 3b – Field Precision

Field Identification	Analyte	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD[a]	Qualified
BOW-GWC-25R / BOW-LF3-4-FD-07	Bicarbonate	156	154	1.3%	A
	Alkalinity	156	154	1.3%	A
	TDS	160	161	0.6%	A
	Chloride	2.0	2.0	<2xRL	A*
	Fluoride	0.056 J	0.056 J	<2xRL	A*
	Sulfate	1.7	1.7	<2xRL	A*
	Barium	0.015	0.015	<2xRL	A*
	Calcium	31.8	31.8	<2xRL	A*
	Magnesium	17.7	17.5	1.1%	A
	Potassium	0.72	0.73	<2xRL	A*
	Sodium	1.3	1.4	<2xRL	A*

[a] RPD = ((SR - DR)*200)/(SR + DR)
A - Acceptable Data.
A* - Acceptable data where results were less than 5X the RL and the difference between sample and duplicate was less than 2X the RL.
J – Estimated

DATA USABILITY SUMMARY

Steven Elliott (Stantec) reviewed one data package from Pace Analytical for the analysis of water samples collected from March 4 through 6, 2025, at the Georgia Power Bowen Plant site (Cells 5 & 8). Samples were collected according to the 2022 CCR Permit Groundwater Monitoring Plan (CCR Permit No. 008-018D [CCR]).

Intended Use of Data: To delineate concentrations of constituents of concern in site groundwater.

Analyses requested included:

- SW-846-6020B – Metals by inductively coupled plasma - mass spectrometry (ICP/MS)
- SW-846 7470A – Mercury by manual cold-vapor
- EPA 300 Rev 2.1 – Chloride, fluoride, and sulfate by ion chromatography
- SM 2320B – 2011 - Alkalinity
- SM 2540C - 2015 – Total dissolved solids (TDS)

Data were reviewed and validated as described in the field sampling plan and the *National Functional Guidelines for Inorganic Superfund Methods Data Review* (November 2020). The results of the review/validation are discussed in this Data Usability Summary (DUS) and the associated Laboratory Data Review Checklists.

DATA REVIEW/VALIDATION RESULTS

Introduction

Fifteen (15) groundwater samples, two (2) equipment blanks, two (2) field blanks, and two (2) field duplicate samples were analyzed for one or more of the analyses listed above. Table 1 lists the field identifications cross-referenced to laboratory identifications. Table 2 is a summary of qualified data. Tables 3a – 3b summarize field duplicate results.

Analytical Results

The data packages contain a minimum of one quality control batch per analytical method analyzed. The quality control batch identifies the laboratory QC samples that correspond to the designated field samples. Not detected results are reported as less than the value of the method detection limit (MDL).

Preservation and Holding Times

The samples were evaluated for agreement with the chain-of-custody forms. The samples were received in the appropriate containers with the paperwork filled out properly. The laboratory sample condition upon receipt forms indicates all samples were received at a temperature of 3.4°C. All samples were analyzed within the technical holding time. No data were qualified.

Calibrations

Case narratives indicate Initial and continuing calibration verification data were within method acceptance criteria.

Blanks

Laboratory Method Blanks. No contamination was detected in any of the laboratory method blanks.

Field Blanks. Field blanks (BOW-LF5-8-EB-13, BOW-LF5-8-FB-13, BOW-LF5-8-EB-14, and BOW-LF5-8-FB-14) were analyzed for the full suite of sample analyses and all analytes were reported as not detected.

Laboratory Control Samples

Laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) recoveries met the laboratory acceptance criteria for all analyses.

Matrix Spike/Matrix Spike Duplicates

Site-specific MS/MSD precision and accuracy results were within the laboratory acceptance criteria with the following exceptions:

- Calcium and magnesium in BOW-GWC-27R had low MS percent recoveries. However, the spiking concentration was less than 30% of the concentration reported for the parent sample and therefore not appropriate for evaluation.

Laboratory Duplicates

Appropriate analytical duplicates were analyzed and RPDs were within the laboratory acceptance criteria.

Analyte Quantitation and Sensitivity

All results were reported to the MDLs in mg/L.

Positive results that were less than the reporting limit (RL), but greater than the MDL were qualified "J," as estimated concentrations by the laboratory, due to increased uncertainty near the detection limit. These qualified results were retained in this assessment. Sample results reported between the MDL and RL are usable as estimated values with an unknown directional bias.

All RLs were less than five times (<5X) the reported MDLs with the following exceptions:

- Antimony (6X)
- Boron (6.45X)
- Calcium (10X)
- Manganese (33.3X)
- Silver (20X)
- Sodium (6.6X)
- Thallium (6.6X)
- Zinc (8X)

No samples required dilutions and therefore no elevated reporting limits were reported.

Field Precision

Two sets of field duplicate samples were collected for this sampling event (see Tables 3a and 3b for sample/duplicate identification and precision calculations). The calculated RPDs between sample and duplicate were within the QAPP acceptance criteria of 25% for all analytes detected above five times the RL. For results reported less than five times the RL, with a difference between sample and duplicate less than two times the RL are also considered acceptable (qualified "A*"). All field duplicate precision was

considered acceptable with the exceptions noted in Table 2.

Summary

The groundwater analytical data are usable for the purpose of determining current concentrations of COCs in this medium at the affected property. A summary of qualified data is presented in Table 2 below.

References:

2022 CCR Permit Groundwater Monitoring Plan (CCR Permit No. 008-018D)

United State Environmental Protection Agency (USEPA), 2020. National Functional Guidelines for Superfund Inorganic Methods Data Review. November.

Table 1 – Cross-Reference between Laboratory and Field Identifications

Field Identification	Laboratory Identification	SDG	Analyses	Sample Date
92783822001	BOW-GWC-26	92783822	6020, 7470, 300, 2320B, 2540C	03/04/25 15:00
92783822002	BOW-GWC-27	92783822	6020, 7470, 300, 2320B, 2540C	03/04/25 14:44
92783822003	BOW-GWC-27R	92783822	6020, 7470, 300, 2320B, 2540C	03/04/25 13:05
92783822004	BOW-GWC-57	92783822	6020, 7470, 300, 2320B, 2540C	03/04/25 14:41
92783822005	BOW-LF5-8-FD-13	92783822	6020, 7470, 300, 2320B, 2540C	03/04/25 00:00
92783822006	BOW-LF5-8-FB-13	92783822	6020, 7470, 300, 2320B, 2540C	03/04/25 14:25
92783822007	BOW-LF5-8-EB-13	92783822	6020, 7470, 300, 2320B, 2540C	03/04/25 14:32
92783822008	BOW-GWC-29	92783822	6020, 7470, 300, 2320B, 2540C	03/05/25 12:37
92783822009	BOW-GWC-30	92783822	6020, 7470, 300, 2320B, 2540C	03/05/25 11:45
92783822010	BOW-GWC-31	92783822	6020, 7470, 300, 2320B, 2540C	03/05/25 13:50
92783822011	BOW-GWC-31R	92783822	6020, 7470, 300, 2320B, 2540C	03/05/25 15:05

Field Identification	Laboratory Identification	SDG	Analyses	Sample Date
92783822012	BOW-GWC-33R	92783822	6020, 7470, 300, 2320B, 2540C	03/05/25 13:42
92783822013	BOW-GWC-35	92783822	6020, 7470, 300, 2320B, 2540C	03/05/25 11:34
92783822014	BOW-GWC-28	92783822	6020, 7470, 300, 2320B, 2540C	03/06/25 11:51
92783822015	BOW-GWC-29R	92783822	6020, 7470, 300, 2320B, 2540C	03/06/25 10:58
92783822016	BOW-GWC-32	92783822	6020, 7470, 300, 2320B, 2540C	03/06/25 11:49
92783822017	BOW-LF5-8-FD-14	92783822	6020, 7470, 300, 2320B, 2540C	03/06/25 00:00
92783822018	BOW-LF5-8-FB-14	92783822	6020, 7470, 300, 2320B, 2540C	03/06/25 13:18
92783822019	BOW-LF5-8-EB-14	92783822	6020, 7470, 300, 2320B, 2540C	03/06/25 13:10

Table 2 – Qualified Analytical Data

Field Identification	Analyte	Qualification	Reason for Qualification
	None		

BLH – Lab blank detected above the RL
FD2 – Field duplicate values less than 5x RL and absolute difference >2x RL
J – Estimated data; the reported quantitation limit or sample concentration is approximated due to exceedance of one or more QC requirements.
J+ - Estimated with a high bias

Table 3a – Field Precision

Field Identification	Analyte	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD[a]	Qualified
BOW-GWC-57 / BOW-LF5-8-FD-13	Bicarbonate	172	170	1.2%	A
	Alkalinity	172	170	1.2%	A
	TDS	162	168	3.6%	A
	Chloride	2.3	2.3	<2xRL	A*
	Sulfate	2.1	2.1	<2xRL	A*
	Barium	0.0035 J	0.0032 J	<2xRL	A*
	Calcium	36.5	36.1	1.1%	A
	Iron	0.81	0.87	7.1%	A
	Magnesium	20.5	20.4	0.5%	A
	Manganese	0.11	0.11	<2xRL	A*
	Nickel	U	0.0017 J	<2xRL	A*
	Potassium	0.37 J	0.35 J	<2xRL	A*
	Sodium	2.2	2.2	<2xRL	A*

[a] RPD = ((SR - DR)*200)/(SR + DR)
A - Acceptable Data.
A* - Acceptable data where results were less than 5X the RDL and the difference between sample and duplicate was less than 2X the RDL.
J – Estimated

Table 3b – Field Precision

Field Identification	Analyte	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD[a]	Qualified
BOW-GWC-32 / BOW-LF5-8-FD-14	Bicarbonate	208	203	2.4%	A
	Alkalinity	208	203	2.4%	A
	TDS	208	206	1.0%	A
	Chloride	3.0	3.0	<2xRL	A*
	Fluoride	0.092 J	0.09 J	<2xRL	A*
	Sulfate	4.3	4.5	<2xRL	A*
	Arsenic	0.0054	0.0053	<2xRL	A*
	Barium	0.033	0.034	3.0%	A
	Boron	0.0064 J	0.0062 U	<2xRL	A*
	Calcium	49.2	51.8	5.1%	A
	Iron	3.2	3.1	3.2%	A
	Magnesium	22.2	22.4	0.9%	A
	Manganese	0.096	0.096	<2xRL	A*
	Potassium	1.4	1.4	<2xRL	A*
	Sodium	3.3	3.3	<2xRL	A*

[a] RPD = ((SR - DR)*200)/(SR + DR)
A - Acceptable Data.
A* - Acceptable data where results were less than 5X the RDL and the difference between sample and duplicate was less than 2X the RDL.
J – Estimated
U – Not detected at the MDL

DATA USABILITY SUMMARY

Steven Elliott (Stantec) reviewed one data package from Pace Analytical for the analysis of water samples collected from February 25 through 26, 2025, at the Georgia Power Bowen Plant site (Cells 9 & 10). Samples were collected according to the 2022 CCR Permit Groundwater Monitoring Plan (CCR Permit No. 008-018D [CCR]).

Intended Use of Data: To delineate concentrations of constituents of concern in site groundwater.

Analyses requested included:

- SW-846-6020B – Metals by inductively coupled plasma - mass spectrometry (ICP/MS)
- SW-846 7470A – Mercury by manual cold-vapor
- EPA 300 Rev 2.1 – Chloride, fluoride, and sulfate by ion chromatography
- SM 2320B – 2011 - Alkalinity
- SM 2540C - 2015 – Total dissolved solids (TDS)

Data were reviewed and validated as described in the field sampling plan and the *National Functional Guidelines for Inorganic Superfund Methods Data Review* (November 2020). The results of the review/validation are discussed in this Data Usability Summary (DUS) and the associated Laboratory Data Review Checklists.

DATA REVIEW/VALIDATION RESULTS

Introduction

Seventeen (17) groundwater samples, two (2) equipment blanks, two (2) field blanks, and two (2) field duplicate samples were analyzed for one or more of the analyses listed above. Table 1 lists the field identifications cross-referenced to laboratory identifications. Table 2 is a summary of qualified data. Tables 3a – 3b summarize field duplicate results.

Analytical Results

The data packages contain a minimum of one quality control batch per analytical method analyzed. The quality control batch identifies the laboratory QC samples that correspond to the designated field samples. Not detected results are reported as less than the value of the method detection limit (MDL).

Preservation and Holding Times

The samples were evaluated for agreement with the chain-of-custody forms. The samples were received in the appropriate containers with the paperwork filled out properly. The laboratory sample condition upon receipt forms indicates all samples were received at a temperature of 3.4°C. All samples were analyzed within the technical holding time. No data were qualified.

Calibrations

Case narratives indicate Initial and continuing calibration verification data were within method acceptance criteria.

Blanks

Laboratory Method Blanks. No contamination was detected in any of the laboratory method blanks with the following exceptions:

- Iron was detected in the method blank 4744500 at a concentration (0.036 J) below the reporting limit. Associated sample results were reported as not detected and since the bias was high, no qualification was necessary.

Field Blanks. Field and equipment blanks (BOW-LF9-10-EB-08, BOW-LF9-10-FB-08, BOW-LF9-10-EB-09, BOW-LF9-10-FB-09) were analyzed for the full suite of sample analyses and all analytes were not detected.

Laboratory Control Samples

Laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) recoveries met the laboratory acceptance criteria for all analyses.

Matrix Spike/Matrix Spike Duplicates

Site-specific MS/MSD precision and accuracy results were within the laboratory acceptance criteria with the following exceptions.

- Calcium, magnesium, and sodium in sample BOW-GWC-46R had MS recoveries outside of laboratory acceptance limits. However, the spiking concentration was less than 30% of the sample concentration and therefore not appropriate for evaluation.

Laboratory Duplicates

Appropriate analytical duplicates were analyzed and RPDs were within the laboratory acceptance criteria.

Analyte Quantitation and Sensitivity

All results were reported to the MDLs in mg/L.

Positive results that were less than the reporting limit (RL), but greater than the MDL were qualified "J," as estimated concentrations by the laboratory, due to increased uncertainty near the detection limit. These qualified results were retained in this assessment. Sample results reported between the MDL and RL are usable as estimated values with an unknown directional bias.

All RLs were less than five times (<5X) the reported MDLs with the following exceptions:

- Antimony (6X)
- Boron (6.45X)
- Calcium (10X)
- Manganese (33.3X)
- Silver (20X)
- Sodium (6.6X)
- Thallium (6.6X)
- Zinc (8X)

Metals (6020): Several samples (BOW-GWA-39RZ, BOW-GWC-45R, BOW-GWC-46R, BOW-GWC-47, BOW-

GWC-47R, BOW-GWC-48, BOW-GWA-41R, BOW-GWA-42, BOW-GWA-43R, and BOW-GWA-41) required dilution to bring the target calcium and/or manganese concentrations into the calibration range. Elevated MDLs and RLs were reported as required.

Field Precision

Two sets of field duplicate samples were collected for this sampling event (see Tables 3a and 3b for sample/duplicate identification and precision calculations). The calculated RPDs between sample and duplicate were within the QAPP acceptance criteria of 25% for all analytes detected above five times the RL. For results reported less than five times the RL, with a difference between sample and duplicate less than two times the RL are also considered acceptable (qualified "A*"). All field duplicate precision was considered acceptable with the following exception.

- TDS in the field duplicate pair BOW-GWC-44 / BOW-LF9-10-FD-08 had a high FD RPD. TDS in both samples has been qualified as estimated.

Summary

The groundwater analytical data are usable for the purpose of determining current concentrations of COCs in this medium at the affected property. A summary of qualified data is presented in Table 2 below.

References:

2022 CCR Permit Groundwater Monitoring Plan (CCR Permit No. 008-018D)

United State Environmental Protection Agency (USEPA), 2020. National Functional Guidelines for Superfund Inorganic Methods Data Review. November.

Table 1 – Cross-Reference between Laboratory and Field Identifications

Field Identification	Laboratory Identification	SDG	Analyses	Sample Date
BOW-GWA-39RZ	92782406001	92782406	6020, 7470, 300, 2320B, 2540C	02/26/25 13:38
BOW-GWC-44	92782406002	92782406	6020, 7470, 300, 2320B, 2540C	02/26/25 10:25
BOW-GWC-45	92782406003	92782406	6020, 7470, 300, 2320B, 2540C	02/26/25 13:48
BOW-GWC-45R	92782406004	92782406	6020, 7470, 300, 2320B, 2540C	02/26/25 12:27
BOW-GWC-46R	92782406005	92782406	6020, 7470, 300, 2320B, 2540C	02/26/25 11:19
BOW-GWC-47	92782406006	92782406	6020, 7470, 300, 2320B, 2540C	02/26/25 13:40
BOW-GWC-47R	92782406007	92782406	6020, 7470, 300, 2320B, 2540C	02/26/25 16:00

Field Identification	Laboratory Identification	SDG	Analyses	Sample Date
BOW-GWC-48	92782406008	92782406	6020, 7470, 300, 2320B, 2540C	02/26/25 15:25
BOW-GWC-49R	92782406009	92782406	6020, 7470, 300, 2320B, 2540C	02/26/25 11:10
BOW-GWC-49Z	92782406010	92782406	6020, 7470, 300, 2320B, 2540C	02/26/25 13:05
BOW-LF9-10-FD-09	92782406011	92782406	6020, 7470, 300, 2320B, 2540C	02/26/25 00:00
BOW-LF9-10-FD-08	92782406012	92782406	6020, 7470, 300, 2320B, 2540C	02/26/25 00:00
BOW-LF9-10-FB-09	92782406013	92782406	6020, 7470, 300, 2320B, 2540C	02/26/25 15:36
BOW-LF9-10-EB-09	92782406014	92782406	6020, 7470, 300, 2320B, 2540C	02/26/25 15:49
BOW-GWA-39Z	92782406015	92782406	6020, 7470, 300, 2320B, 2540C	02/25/25 15:58
BOW-GWA-40	92782406016	92782406	6020, 7470, 300, 2320B, 2540C	02/25/25 15:12
BOW-GWA-41	92782406017	92782406	6020, 7470, 300, 2320B, 2540C	02/25/25 12:47
BOW-GWA-41R	92782406018	92782406	6020, 7470, 300, 2320B, 2540C	02/25/25 10:58
BOW-GWA-42	92782406019	92782406	6020, 7470, 300, 2320B, 2540C	02/25/25 16:15
BOW-GWA-43	92782406020	92782406	6020, 7470, 300, 2320B, 2540C	02/25/25 14:32
BOW-GWA-43R	92782406021	92782406	6020, 7470, 300, 2320B, 2540C	02/25/25 13:33
BOW-LF9-10-FB-08	92782406022	92782406	6020, 7470, 300, 2320B, 2540C	02/25/25 17:04
BOW-LF9-10-EB-08	92782406023	92782406	6020, 7470, 300, 2320B, 2540C	02/25/25 17:20

Table 2 – Qualified Analytical Data

Field Identification	Analyte	Qualification	Reason for Qualification
BOW-GWC-44	TDS	J / FD1	High FD RPD
BOW-LF9-10-FD-08	TDS	J / FD1	High FD RPD

FD1 – High field duplicate relative percent difference.
J – Estimated data; the reported quantitation limit or sample concentration is approximated due to exceedance of one or more QC requirements.

Table 3a – Field Precision

Field Identification	Analyte	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD[a]	Qualified
BOW-GWC-44 / BOW-LF9-10-FD-08	TDS	63	42	40%	J
	Chloride	4.0	4.1	<2xRL	A*
	Fluoride	0.059 J	0.058 J	<2xRL	A*
	Sulfate	16.1	16.1	0.0%	A
	Barium	0.030	0.031	3.3%	A
	Boron	0.0098 J	0.0093 J	<2xRL	A*
	Calcium	7.3	7.2	1.4%	A
	Cobalt	0.0019 J	0.002 J	<2xRL	A*
	Lead	0.00043 J	0.00044 J	<2xRL	A*
	Magnesium	1.6	1.7	6.1%	A
	Manganese	0.055	0.056	<2xRL	A*
	Potassium	1.1	1.1	<2xRL	A*
	Selenium	0.0026 J	0.0023 J	<2xRL	A*
	Sodium	2.4	2.4	<2xRL	A*
	Zinc	0.0040 J	0.0039 J	<2xRL	A*

[a] RPD = ((SR - DR)*200)/(SR + DR)
A - Acceptable Data.
A* - Acceptable data where results were less than 5X the RL and the difference between sample and duplicate was less than 2X the RL.
J – Estimated

Table 3b – Field Precision

Field Identification	Analyte	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD[a]	Qualified
BOW-GWC-49R / BOW-LF9-10-FD-09	Bicarbonate	120	120	0.0%	A
	Alkalinity	120	120	0.0%	A
	TDS	119	112	6.1%	A
	Chloride	0.88 J	0.89 J	<2xRL	A*
	Fluoride	0.050 J	0.050 J	<2xRL	A*
	Sulfate	1.4	1.4	<2xRL	A*
	Antimony	0.00083 J	0.00077 J	<2xRL	A*
	Barium	0.011	0.011	<2xRL	A*
	Calcium	26.9	26.9	0.0%	A
	Iron	0.012 U	0.013 J	<2xRL	A*
	Magnesium	15.0	14.3	4.8%	A
	Potassium	0.84	0.80	<2xRL	A*
	Sodium	1.7	1.6	<2xRL	A*

[a] RPD = ((SR - DR)*200)/(SR + DR)
A - Acceptable Data.
A* - Acceptable data where results were less than 5X the RL and the difference between sample and duplicate was less than 2X the RL.
J – Estimated
U – Not detected

Low-Flow Test Report:

Test Date / Time: 2/26/2025 3:12:07 PM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWA-3A **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 130.27 ft** **Total Depth: 140.27 ft** **Initial Depth to Water: 74.55 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 135.27 ft** **Estimated Total Volume Pumped: 4200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 140 ml/min** **Final Draw Down: 0.05 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/26/2025 3:12 PM	00:00	7.70 pH	17.70 °C	236.32 µS/cm	7.38 mg/L	0.20 NTU	84.1 mV	74.57 ft	0.11 PSU	140.00 ml/min
2/26/2025 3:17 PM	05:00	7.78 pH	17.51 °C	237.96 µS/cm	7.46 mg/L	0.98 NTU	102.2 mV	74.60 ft	0.11 PSU	140.00 ml/min
2/26/2025 3:22 PM	10:00	7.84 pH	17.49 °C	238.16 µS/cm	7.59 mg/L	1.25 NTU	73.8 mV	74.60 ft	0.11 PSU	140.00 ml/min
2/26/2025 3:27 PM	15:00	7.87 pH	17.60 °C	238.53 µS/cm	7.69 mg/L	0.21 NTU	70.8 mV	74.60 ft	0.11 PSU	140.00 ml/min
2/26/2025 3:32 PM	20:00	7.89 pH	17.45 °C	238.49 µS/cm	7.77 mg/L	0.47 NTU	68.0 mV	74.60 ft	0.11 PSU	140.00 ml/min
2/26/2025 3:37 PM	25:00	7.92 pH	17.59 °C	237.71 µS/cm	7.83 mg/L	0.32 NTU	65.8 mV	74.60 ft	0.11 PSU	140.00 ml/min
2/26/2025 3:42 PM	30:00	7.93 pH	17.48 °C	238.01 µS/cm	7.90 mg/L	0.26 NTU	64.1 mV	74.60 ft	0.11 PSU	140.00 ml/min

Samples

Sample ID:	Description:
GWA-3A	Metals, Inorganics, Alkalinity, TDS
FD-10	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 2/27/2025 10:08:50 AM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-5 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 103.75 ft** **Total Depth: 113.75 ft** **Initial Depth to Water: 76.67 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 108.75 ft** **Estimated Total Volume Pumped: 16800 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 160 ml/min** **Final Draw Down: 6.23 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/27/2025 10:08 AM	00:00	6.24 pH	16.22 °C	54.28 µS/cm	7.91 mg/L	1.51 NTU	110.0 mV	78.50 ft	0.02 PSU	160.00 ml/min
2/27/2025 10:13 AM	05:00	6.24 pH	16.37 °C	56.25 µS/cm	7.92 mg/L	1.82 NTU	103.4 mV	79.00 ft	0.03 PSU	160.00 ml/min
2/27/2025 10:18 AM	10:00	6.24 pH	16.64 °C	55.98 µS/cm	7.89 mg/L	1.55 NTU	102.5 mV	79.37 ft	0.03 PSU	160.00 ml/min
2/27/2025 10:23 AM	15:00	6.22 pH	16.87 °C	54.65 µS/cm	8.04 mg/L	1.51 NTU	122.3 mV	79.70 ft	0.02 PSU	160.00 ml/min
2/27/2025 10:28 AM	20:00	6.21 pH	16.93 °C	53.45 µS/cm	8.13 mg/L	1.21 NTU	122.0 mV	80.00 ft	0.02 PSU	160.00 ml/min
2/27/2025 10:33 AM	25:00	6.17 pH	17.08 °C	51.30 µS/cm	8.22 mg/L	1.32 NTU	105.1 mV	80.27 ft	0.02 PSU	160.00 ml/min
2/27/2025 10:38 AM	30:00	6.14 pH	17.13 °C	49.23 µS/cm	8.28 mg/L	1.43 NTU	123.2 mV	80.50 ft	0.02 PSU	160.00 ml/min
2/27/2025 10:43 AM	35:00	6.11 pH	16.86 °C	47.02 µS/cm	8.47 mg/L	1.34 NTU	107.6 mV	80.66 ft	0.02 PSU	160.00 ml/min
2/27/2025 10:48 AM	40:00	6.08 pH	16.57 °C	44.87 µS/cm	8.67 mg/L	1.58 NTU	124.6 mV	80.86 ft	0.02 PSU	160.00 ml/min
2/27/2025 10:53 AM	45:00	6.04 pH	16.59 °C	42.99 µS/cm	8.77 mg/L	1.52 NTU	128.2 mV	81.10 ft	0.02 PSU	160.00 ml/min
2/27/2025 10:58 AM	50:00	6.02 pH	16.50 °C	41.75 µS/cm	8.88 mg/L	1.32 NTU	129.5 mV	81.30 ft	0.02 PSU	160.00 ml/min
2/27/2025 11:03 AM	55:00	6.00 pH	16.45 °C	40.49 µS/cm	8.95 mg/L	1.79 NTU	131.3 mV	81.45 ft	0.02 PSU	160.00 ml/min
2/27/2025 11:08 AM	01:00:00	5.98 pH	16.34 °C	39.12 µS/cm	9.06 mg/L	1.50 NTU	132.8 mV	81.62 ft	0.02 PSU	160.00 ml/min
2/27/2025 11:13 AM	01:05:00	5.95 pH	16.32 °C	37.78 µS/cm	9.16 mg/L	1.22 NTU	121.0 mV	81.76 ft	0.02 PSU	160.00 ml/min
2/27/2025 11:18 AM	01:10:00	5.93 pH	16.32 °C	36.75 µS/cm	9.24 mg/L	1.43 NTU	135.7 mV	81.92 ft	0.02 PSU	160.00 ml/min

2/27/2025 11:23 AM	01:15:00	5.93 pH	16.38 °C	36.12 µS/cm	9.25 mg/L	1.12 NTU	137.4 mV	82.09 ft	0.02 PSU	160.00 ml/min
2/27/2025 11:28 AM	01:20:00	5.91 pH	16.36 °C	35.23 µS/cm	9.31 mg/L	1.67 NTU	139.2 mV	82.25 ft	0.02 PSU	160.00 ml/min
2/27/2025 11:33 AM	01:25:00	5.88 pH	16.45 °C	34.14 µS/cm	9.36 mg/L	1.32 NTU	141.1 mV	82.36 ft	0.01 PSU	160.00 ml/min
2/27/2025 11:38 AM	01:30:00	5.88 pH	16.54 °C	33.67 µS/cm	9.37 mg/L	1.99 NTU	142.0 mV	82.52 ft	0.01 PSU	160.00 ml/min
2/27/2025 11:43 AM	01:35:00	5.87 pH	16.54 °C	33.30 µS/cm	9.41 mg/L	1.64 NTU	143.1 mV	82.62 ft	0.01 PSU	160.00 ml/min
2/27/2025 11:48 AM	01:40:00	5.84 pH	16.64 °C	32.55 µS/cm	9.47 mg/L	1.32 NTU	145.0 mV	82.76 ft	0.01 PSU	160.00 ml/min
2/27/2025 11:53 AM	01:45:00	5.85 pH	16.62 °C	32.46 µS/cm	9.42 mg/L	1.31 NTU	145.3 mV	82.90 ft	0.01 PSU	160.00 ml/min

Samples

Sample ID:	Description:
GWC-5	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 2/27/2025 10:29:33 AM
Project: Plant Bowen LF February 2025
Operator Name: Kyle Rhyne

Location Name: GWA-2R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 97.4 ft** **Total Depth: 107.4 ft** **Initial Depth to Water: 78.79 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 102.4 ft** **Estimated Total Volume Pumped: 3125 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 0.4 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 980712**

Test Notes:
Pre-Purged 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 0.2	+/- 5	+/- 1000	+/- 0.3	
2/27/2025 10:29 AM	00:00	7.32 pH	21.23 °C	331.13 µS/cm	4.09 mg/L	1.35 NTU	159.8 mV	79.28 ft	125.00 ml/min
2/27/2025 10:34 AM	05:00	7.18 pH	17.32 °C	367.96 µS/cm	4.43 mg/L	0.25 NTU	154.2 mV	79.21 ft	125.00 ml/min
2/27/2025 10:39 AM	10:00	7.17 pH	17.05 °C	375.59 µS/cm	4.47 mg/L	0.34 NTU	90.8 mV	79.19 ft	125.00 ml/min
2/27/2025 10:44 AM	15:00	7.17 pH	16.91 °C	376.57 µS/cm	4.46 mg/L	0.32 NTU	75.7 mV	79.18 ft	125.00 ml/min
2/27/2025 10:49 AM	20:00	7.17 pH	16.91 °C	377.57 µS/cm	4.46 mg/L	0.34 NTU	69.1 mV	79.18 ft	125.00 ml/min
2/27/2025 10:54 AM	25:00	7.18 pH	17.00 °C	376.55 µS/cm	4.44 mg/L	0.29 NTU	65.2 mV	79.19 ft	125.00 ml/min

Samples

Sample ID:	Description:
GWA-2R	Metals, Inorganics, Alkalinity, TDS
FD-11	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/27/2025 11:07:20 AM
Project: Plant Bowen LF February 2025
Operator Name: Natalie Piparo

Location Name: GWA-1 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 141.8 ft** **Total Depth: 151.8 ft** **Initial Depth to Water: 82.75 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 146.8 ft** **Estimated Total Volume Pumped: 9900 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 110 ml/min** **Final Draw Down: 11.62 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 843285**

Test Notes:
Prepurged 13.5 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/27/2025 11:07 AM	00:00	7.28 pH	16.50 °C	291.64 µS/cm	1.41 mg/L	5.54 NTU	152.8 mV	93.89 ft	0.14 PSU	110.00 ml/min
2/27/2025 11:12 AM	05:00	7.28 pH	16.05 °C	292.90 µS/cm	1.43 mg/L	7.72 NTU	124.0 mV	93.85 ft	0.14 PSU	110.00 ml/min
2/27/2025 11:17 AM	10:00	7.31 pH	16.10 °C	293.27 µS/cm	1.52 mg/L	8.82 NTU	101.7 mV	93.83 ft	0.14 PSU	110.00 ml/min
2/27/2025 11:22 AM	15:00	7.33 pH	16.41 °C	291.89 µS/cm	1.60 mg/L	9.62 NTU	83.1 mV	93.83 ft	0.14 PSU	110.00 ml/min
2/27/2025 11:27 AM	20:00	7.35 pH	16.37 °C	291.96 µS/cm	1.71 mg/L	9.63 NTU	67.6 mV	93.83 ft	0.14 PSU	110.00 ml/min
2/27/2025 11:32 AM	25:00	7.36 pH	16.68 °C	291.21 µS/cm	1.84 mg/L	10.48 NTU	57.8 mV	93.83 ft	0.14 PSU	110.00 ml/min
2/27/2025 11:37 AM	30:00	7.39 pH	16.41 °C	291.78 µS/cm	1.98 mg/L	10.11 NTU	51.3 mV	93.84 ft	0.14 PSU	110.00 ml/min
2/27/2025 11:42 AM	35:00	7.40 pH	16.65 °C	291.61 µS/cm	2.13 mg/L	10.61 NTU	46.4 mV	93.89 ft	0.14 PSU	110.00 ml/min
2/27/2025 11:47 AM	40:00	7.41 pH	17.18 °C	290.95 µS/cm	2.27 mg/L	10.58 NTU	42.3 mV	93.98 ft	0.14 PSU	110.00 ml/min
2/27/2025 11:52 AM	45:00	7.44 pH	17.03 °C	288.62 µS/cm	2.39 mg/L	10.65 NTU	40.0 mV	93.99 ft	0.14 PSU	110.00 ml/min
2/27/2025 11:57 AM	50:00	7.44 pH	16.65 °C	288.39 µS/cm	2.50 mg/L	9.85 NTU	38.6 mV	94.00 ft	0.14 PSU	110.00 ml/min
2/27/2025 12:02 PM	55:00	7.45 pH	16.54 °C	288.07 µS/cm	2.58 mg/L	9.08 NTU	36.3 mV	94.04 ft	0.14 PSU	110.00 ml/min
2/27/2025 12:07 PM	01:00:00	7.46 pH	16.27 °C	288.69 µS/cm	2.66 mg/L	7.84 NTU	33.4 mV	94.10 ft	0.14 PSU	110.00 ml/min
2/27/2025 12:12 PM	01:05:00	7.47 pH	16.38 °C	287.92 µS/cm	2.68 mg/L	7.78 NTU	30.0 mV	94.14 ft	0.14 PSU	110.00 ml/min
2/27/2025 12:17 PM	01:10:00	7.48 pH	16.46 °C	286.02 µS/cm	2.75 mg/L	6.81 NTU	29.1 mV	94.17 ft	0.14 PSU	110.00 ml/min

2/27/2025 12:22 PM	01:15:00	7.48 pH	16.48 °C	285.66 µS/cm	2.84 mg/L	6.38 NTU	29.4 mV	94.22 ft	0.14 PSU	110.00 ml/min
2/27/2025 12:27 PM	01:20:00	7.49 pH	16.44 °C	286.18 µS/cm	2.90 mg/L	5.80 NTU	28.3 mV	94.27 ft	0.14 PSU	110.00 ml/min
2/27/2025 12:32 PM	01:25:00	7.49 pH	16.41 °C	284.33 µS/cm	2.91 mg/L	4.99 NTU	26.8 mV	94.32 ft	0.14 PSU	110.00 ml/min
2/27/2025 12:37 PM	01:30:00	7.50 pH	16.44 °C	283.42 µS/cm	2.95 mg/L	4.83 NTU	25.5 mV	94.37 ft	0.14 PSU	110.00 ml/min

Samples

Sample ID:	Description:
GWA-1	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/27/2025 11:25:33 AM
Project: Plant Bowen LF February 2025
Operator Name: Jay Siewert

Location Name: GWA-4RZ **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 110.74 ft** **Total Depth: 120.74 ft** **Initial Depth to Water: 84.89 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 115.74 ft** **Estimated Total Volume Pumped: 14700 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 140 ml/min** **Final Draw Down: 27.2 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850762**

Test Notes:
Pre-purged 9 L. Water level dropped below top of screen. Complete evacuation method initiated. Samples to be collected 2/28/25.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	+/- 10	
2/27/2025 11:25 AM	00:00	7.21 pH	16.41 °C	415.59 µS/cm	2.31 mg/L	0.34 NTU	-13.5 mV	97.72 ft	0.20 PSU	140.00 ml/min
2/27/2025 11:30 AM	05:00	7.19 pH	16.58 °C	405.82 µS/cm	2.62 mg/L	0.32 NTU	-20.3 mV	98.47 ft	0.20 PSU	140.00 ml/min
2/27/2025 11:35 AM	10:00	7.17 pH	16.68 °C	400.94 µS/cm	2.84 mg/L	0.41 NTU	-13.3 mV	99.47 ft	0.19 PSU	140.00 ml/min
2/27/2025 11:40 AM	15:00	7.16 pH	16.76 °C	399.01 µS/cm	3.03 mg/L	0.40 NTU	-13.9 mV	100.37 ft	0.19 PSU	140.00 ml/min
2/27/2025 11:45 AM	20:00	7.16 pH	16.78 °C	397.52 µS/cm	3.14 mg/L	0.49 NTU	-13.9 mV	101.38 ft	0.19 PSU	140.00 ml/min
2/27/2025 11:50 AM	25:00	7.15 pH	16.90 °C	395.31 µS/cm	3.24 mg/L	0.53 NTU	-13.9 mV	102.30 ft	0.19 PSU	140.00 ml/min
2/27/2025 11:55 AM	30:00	7.15 pH	16.81 °C	394.14 µS/cm	3.34 mg/L	0.55 NTU	-13.5 mV	103.32 ft	0.19 PSU	140.00 ml/min
2/27/2025 12:00 PM	35:00	7.16 pH	16.72 °C	395.29 µS/cm	3.43 mg/L	0.42 NTU	-12.6 mV	104.18 ft	0.19 PSU	140.00 ml/min
2/27/2025 12:05 PM	40:00	7.16 pH	16.72 °C	394.74 µS/cm	3.50 mg/L	0.41 NTU	-11.9 mV	105.08 ft	0.19 PSU	140.00 ml/min
2/27/2025 12:10 PM	45:00	7.16 pH	16.63 °C	394.91 µS/cm	3.57 mg/L	0.30 NTU	-12.1 mV	106.30 ft	0.19 PSU	140.00 ml/min
2/27/2025 12:15 PM	50:00	7.16 pH	16.72 °C	394.28 µS/cm	3.61 mg/L	0.32 NTU	-11.1 mV	106.82 ft	0.19 PSU	140.00 ml/min
2/27/2025 12:20 PM	55:00	7.16 pH	16.76 °C	394.06 µS/cm	3.64 mg/L	0.25 NTU	-10.7 mV	107.85 ft	0.19 PSU	140.00 ml/min
2/27/2025 12:25 PM	01:00:00	7.17 pH	16.76 °C	394.68 µS/cm	3.67 mg/L	0.46 NTU	-10.6 mV	108.78 ft	0.19 PSU	140.00 ml/min
2/27/2025 12:30 PM	01:05:00	7.17 pH	16.72 °C	396.39 µS/cm	3.69 mg/L	0.60 NTU	-10.1 mV	109.59 ft	0.19 PSU	140.00 ml/min
2/27/2025 12:35 PM	01:10:00	7.17 pH	16.72 °C	393.64 µS/cm	3.70 mg/L	0.27 NTU	-9.8 mV	110.21 ft	0.19 PSU	140.00 ml/min

2/27/2025 12:40 PM	01:15:00	7.18 pH	16.81 °C	394.12 µS/cm	3.70 mg/L	0.52 NTU	-9.4 mV	110.60 ft	0.19 PSU	140.00 ml/min
2/27/2025 12:45 PM	01:20:00	7.18 pH	16.79 °C	394.49 µS/cm	3.71 mg/L	0.43 NTU	-8.6 mV	110.66 ft	0.19 PSU	140.00 ml/min
2/27/2025 12:50 PM	01:25:00	7.18 pH	16.72 °C	394.33 µS/cm	3.71 mg/L	0.41 NTU	-7.9 mV	110.71 ft	0.19 PSU	140.00 ml/min
2/27/2025 12:55 PM	01:30:00	7.19 pH	16.67 °C	397.71 µS/cm	3.70 mg/L	0.24 NTU	-7.9 mV	110.86 ft	0.19 PSU	140.00 ml/min
2/27/2025 1:00 PM	01:35:00	7.21 pH	16.72 °C	407.46 µS/cm	3.60 mg/L	0.26 NTU	-9.5 mV	111.26 ft	0.20 PSU	140.00 ml/min
2/27/2025 1:05 PM	01:40:00	7.24 pH	16.77 °C	422.71 µS/cm	3.42 mg/L	0.31 NTU	-11.8 mV	111.78 ft	0.20 PSU	140.00 ml/min
2/27/2025 1:10 PM	01:45:00	7.27 pH	16.83 °C	434.71 µS/cm	3.31 mg/L	0.20 NTU	-13.5 mV	112.09 ft	0.21 PSU	140.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/27/2025 12:54:29 PM
Project: Plant Bowen LF February 2025
Operator Name: Kyle Rhyne

Location Name: GWA-2 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 144.25 ft** **Total Depth: 154.25 ft** **Initial Depth to Water: 77.54 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 149.25 ft** **Estimated Total Volume Pumped: 21000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.06 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 980712**

Test Notes:
Pre-Purged 6 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 0.2	+/- 5	+/- 1000	+/- 0.3	
2/27/2025 12:54 PM	00:00	7.67 pH	21.53 °C	26.79 µS/cm	5.46 mg/L	1.53 NTU	93.9 mV	77.59 ft	200.00 ml/min
2/27/2025 12:59 PM	05:00	6.57 pH	17.00 °C	30.39 µS/cm	5.41 mg/L	2.39 NTU	105.9 mV	77.60 ft	200.00 ml/min
2/27/2025 1:04 PM	10:00	6.21 pH	16.82 °C	40.70 µS/cm	5.34 mg/L	2.08 NTU	142.3 mV	77.58 ft	200.00 ml/min
2/27/2025 1:09 PM	15:00	6.11 pH	16.84 °C	53.22 µS/cm	5.30 mg/L	1.92 NTU	136.3 mV	77.59 ft	200.00 ml/min
2/27/2025 1:14 PM	20:00	6.12 pH	18.56 °C	64.68 µS/cm	5.00 mg/L	1.90 NTU	127.8 mV	77.58 ft	200.00 ml/min
2/27/2025 1:19 PM	25:00	6.18 pH	18.47 °C	81.08 µS/cm	5.01 mg/L	1.66 NTU	117.5 mV	77.58 ft	200.00 ml/min
2/27/2025 1:24 PM	30:00	6.20 pH	18.33 °C	97.15 µS/cm	5.04 mg/L	1.38 NTU	110.9 mV	77.58 ft	200.00 ml/min
2/27/2025 1:29 PM	35:00	6.25 pH	18.37 °C	116.91 µS/cm	5.05 mg/L	1.11 NTU	106.2 mV	77.60 ft	200.00 ml/min
2/27/2025 1:34 PM	40:00	6.30 pH	17.79 °C	134.72 µS/cm	5.17 mg/L	1.20 NTU	102.8 mV	77.60 ft	200.00 ml/min
2/27/2025 1:39 PM	45:00	6.35 pH	18.11 °C	149.78 µS/cm	5.16 mg/L	1.22 NTU	100.2 mV	77.59 ft	200.00 ml/min
2/27/2025 1:44 PM	50:00	6.38 pH	18.25 °C	163.97 µS/cm	5.15 mg/L	0.91 NTU	98.6 mV	77.59 ft	200.00 ml/min
2/27/2025 1:49 PM	55:00	6.42 pH	18.14 °C	177.86 µS/cm	5.23 mg/L	1.06 NTU	66.0 mV	77.60 ft	200.00 ml/min
2/27/2025 1:54 PM	01:00:00	6.46 pH	18.27 °C	188.49 µS/cm	5.25 mg/L	0.91 NTU	63.9 mV	77.61 ft	200.00 ml/min
2/27/2025 1:59 PM	01:05:00	6.49 pH	18.25 °C	198.87 µS/cm	5.31 mg/L	0.92 NTU	62.7 mV	77.61 ft	200.00 ml/min
2/27/2025 2:04 PM	01:10:00	6.51 pH	18.34 °C	207.69 µS/cm	5.34 mg/L	0.71 NTU	59.4 mV	77.59 ft	200.00 ml/min

2/27/2025 2:09 PM	01:15:00	6.54 pH	18.29 °C	213.37 µS/cm	5.42 mg/L	0.92 NTU	59.3 mV	77.58 ft	200.00 ml/min
2/27/2025 2:14 PM	01:20:00	6.57 pH	18.17 °C	224.49 µS/cm	5.48 mg/L	0.94 NTU	58.6 mV	77.58 ft	200.00 ml/min
2/27/2025 2:19 PM	01:25:00	6.59 pH	18.05 °C	232.87 µS/cm	5.55 mg/L	1.01 NTU	57.3 mV	77.59 ft	200.00 ml/min
2/27/2025 2:24 PM	01:30:00	6.61 pH	18.11 °C	237.14 µS/cm	5.59 mg/L	0.85 NTU	85.0 mV	77.59 ft	200.00 ml/min
2/27/2025 2:29 PM	01:35:00	6.66 pH	18.25 °C	242.90 µS/cm	5.61 mg/L	0.95 NTU	58.0 mV	77.59 ft	200.00 ml/min
2/27/2025 2:34 PM	01:40:00	6.68 pH	18.29 °C	246.44 µS/cm	5.62 mg/L	0.89 NTU	55.7 mV	77.59 ft	200.00 ml/min
2/27/2025 2:39 PM	01:45:00	6.70 pH	18.32 °C	251.09 µS/cm	5.62 mg/L	0.80 NTU	57.8 mV	77.60 ft	200.00 ml/min

Samples

Sample ID:	Description:
GWA-2	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 2/27/2025 12:59:58 PM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-6 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 101.37 ft** **Total Depth: 111.37 ft** **Initial Depth to Water: 69.8 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 106.37 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.2 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/27/2025 12:59 PM	00:00	7.31 pH	16.19 °C	143.45 µS/cm	7.35 mg/L	0.96 NTU	93.1 mV	69.98 ft	0.07 PSU	100.00 ml/min
2/27/2025 1:04 PM	05:00	7.39 pH	16.29 °C	142.53 µS/cm	7.37 mg/L	1.04 NTU	85.0 mV	70.00 ft	0.07 PSU	100.00 ml/min
2/27/2025 1:09 PM	10:00	7.45 pH	16.41 °C	142.51 µS/cm	7.37 mg/L	1.05 NTU	93.2 mV	70.00 ft	0.07 PSU	100.00 ml/min
2/27/2025 1:14 PM	15:00	7.49 pH	16.37 °C	142.35 µS/cm	7.37 mg/L	1.48 NTU	77.0 mV	70.00 ft	0.07 PSU	100.00 ml/min
2/27/2025 1:19 PM	20:00	7.51 pH	16.35 °C	142.67 µS/cm	7.38 mg/L	1.88 NTU	88.5 mV	70.00 ft	0.07 PSU	100.00 ml/min
2/27/2025 1:24 PM	25:00	7.54 pH	16.32 °C	142.42 µS/cm	7.36 mg/L	2.24 NTU	74.2 mV	70.00 ft	0.07 PSU	100.00 ml/min
2/27/2025 1:29 PM	30:00	7.56 pH	16.28 °C	142.75 µS/cm	7.36 mg/L	2.38 NTU	72.1 mV	70.00 ft	0.07 PSU	100.00 ml/min
2/27/2025 1:34 PM	35:00	7.58 pH	16.23 °C	143.05 µS/cm	7.37 mg/L	2.33 NTU	70.6 mV	70.00 ft	0.07 PSU	100.00 ml/min
2/27/2025 1:39 PM	40:00	7.59 pH	16.20 °C	143.40 µS/cm	7.39 mg/L	2.09 NTU	81.7 mV	70.00 ft	0.07 PSU	100.00 ml/min

Samples

Sample ID:	Description:
GWC-6	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 2/27/2025 1:58:05 PM
Project: Plant Bowen LF February 2025
Operator Name: Natalie Piparo

Location Name: GWC-7Z **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 107 ft** **Total Depth: 117 ft** **Initial Depth to Water: 54.12 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 112 ft** **Estimated Total Volume Pumped: 17100 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 180 ml/min** **Final Draw Down: 0.26 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 843285**

Test Notes:
Prepurged 2L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/27/2025 1:58 PM	00:00	7.54 pH	17.18 °C	212.03 µS/cm	1.52 mg/L	3.74 NTU	18.0 mV	54.35 ft	0.10 PSU	180.00 ml/min
2/27/2025 2:03 PM	05:00	7.43 pH	16.41 °C	214.08 µS/cm	1.57 mg/L	8.45 NTU	-0.3 mV	54.35 ft	0.10 PSU	180.00 ml/min
2/27/2025 2:08 PM	10:00	7.43 pH	16.35 °C	215.64 µS/cm	1.44 mg/L	7.97 NTU	-4.6 mV	54.35 ft	0.10 PSU	180.00 ml/min
2/27/2025 2:13 PM	15:00	7.45 pH	16.27 °C	214.75 µS/cm	1.61 mg/L	7.42 NTU	-3.6 mV	54.35 ft	0.10 PSU	180.00 ml/min
2/27/2025 2:18 PM	20:00	7.48 pH	16.24 °C	213.88 µS/cm	1.82 mg/L	7.14 NTU	-7.1 mV	54.35 ft	0.10 PSU	180.00 ml/min
2/27/2025 2:23 PM	25:00	7.50 pH	16.26 °C	212.64 µS/cm	2.05 mg/L	6.39 NTU	-9.8 mV	54.35 ft	0.10 PSU	180.00 ml/min
2/27/2025 2:28 PM	30:00	7.52 pH	16.30 °C	210.67 µS/cm	2.22 mg/L	6.20 NTU	-11.1 mV	54.35 ft	0.10 PSU	180.00 ml/min
2/27/2025 2:33 PM	35:00	7.53 pH	16.27 °C	209.53 µS/cm	2.37 mg/L	6.52 NTU	-12.4 mV	54.35 ft	0.10 PSU	180.00 ml/min
2/27/2025 2:38 PM	40:00	7.54 pH	16.24 °C	208.68 µS/cm	2.54 mg/L	6.21 NTU	-13.0 mV	54.36 ft	0.10 PSU	180.00 ml/min
2/27/2025 2:43 PM	45:00	7.56 pH	16.16 °C	206.70 µS/cm	2.67 mg/L	6.16 NTU	-13.8 mV	54.36 ft	0.10 PSU	180.00 ml/min
2/27/2025 2:48 PM	50:00	7.57 pH	16.12 °C	210.41 µS/cm	2.81 mg/L	6.12 NTU	-14.6 mV	54.36 ft	0.10 PSU	180.00 ml/min
2/27/2025 2:53 PM	55:00	7.58 pH	16.14 °C	209.71 µS/cm	2.92 mg/L	6.07 NTU	-14.5 mV	54.37 ft	0.10 PSU	180.00 ml/min
2/27/2025 2:58 PM	01:00:00	7.59 pH	16.11 °C	208.31 µS/cm	3.01 mg/L	6.12 NTU	-15.0 mV	54.37 ft	0.10 PSU	180.00 ml/min
2/27/2025 3:03 PM	01:05:00	7.59 pH	16.14 °C	206.55 µS/cm	3.10 mg/L	6.07 NTU	-15.4 mV	54.37 ft	0.10 PSU	180.00 ml/min
2/27/2025 3:08 PM	01:10:00	7.60 pH	16.18 °C	206.98 µS/cm	3.18 mg/L	5.56 NTU	-15.4 mV	54.37 ft	0.10 PSU	180.00 ml/min

2/27/2025 3:13 PM	01:15:00	7.61 pH	16.12 °C	205.17 µS/cm	3.46 mg/L	5.49 NTU	-15.2 mV	54.38 ft	0.10 PSU	180.00 ml/min
2/27/2025 3:18 PM	01:20:00	7.61 pH	16.10 °C	204.31 µS/cm	3.55 mg/L	5.60 NTU	-15.3 mV	54.38 ft	0.10 PSU	180.00 ml/min
2/27/2025 3:23 PM	01:25:00	7.62 pH	16.10 °C	203.26 µS/cm	3.62 mg/L	4.84 NTU	-14.9 mV	54.38 ft	0.10 PSU	180.00 ml/min
2/27/2025 3:28 PM	01:30:00	7.63 pH	16.02 °C	204.32 µS/cm	3.78 mg/L	5.41 NTU	-14.7 mV	54.38 ft	0.10 PSU	180.00 ml/min
2/27/2025 3:33 PM	01:35:00	7.63 pH	16.01 °C	203.34 µS/cm	3.84 mg/L	4.95 NTU	-14.4 mV	54.38 ft	0.10 PSU	180.00 ml/min

Samples

Sample ID:	Description:
GWC-7Z	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/27/2025 2:35:35 PM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-6RZ **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 102.8 ft** **Total Depth: 112.8 ft** **Initial Depth to Water: 73.53 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 107.8 ft** **Estimated Total Volume Pumped: 3000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.07 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/27/2025 2:35 PM	00:00	7.12 pH	16.39 °C	103.52 µS/cm	7.08 mg/L	2.40 NTU	90.4 mV	73.55 ft	0.05 PSU	150.00 ml/min
2/27/2025 2:40 PM	05:00	7.12 pH	16.34 °C	102.74 µS/cm	7.18 mg/L	1.96 NTU	81.7 mV	73.60 ft	0.05 PSU	150.00 ml/min
2/27/2025 2:45 PM	10:00	7.10 pH	16.28 °C	102.02 µS/cm	7.24 mg/L	1.42 NTU	96.0 mV	73.60 ft	0.05 PSU	150.00 ml/min
2/27/2025 2:50 PM	15:00	7.11 pH	16.31 °C	101.46 µS/cm	7.27 mg/L	0.98 NTU	94.3 mV	73.60 ft	0.05 PSU	150.00 ml/min
2/27/2025 2:55 PM	20:00	7.10 pH	16.43 °C	101.02 µS/cm	7.32 mg/L	0.89 NTU	92.6 mV	73.60 ft	0.05 PSU	150.00 ml/min

Samples

Sample ID:	Description:
GWC-6RZ	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 2/27/2025 2:35:58 PM
Project: Plant Bowen LF February 2025
Operator Name: Jay Siewert

Location Name: GWA-50 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 86.73 ft** **Total Depth: 96.73 ft** **Initial Depth to Water: 63.51 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 91.73 ft** **Estimated Total Volume Pumped: 7500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 110 ml/min** **Final Draw Down: 13.03 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850762**

Test Notes:
Pre-purged 9 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	+/- 10	
2/27/2025 2:35 PM	00:00	5.52 pH	16.72 °C	16.88 µS/cm	7.67 mg/L	0.12 NTU	88.5 mV	74.15 ft	0.01 PSU	200.00 ml/min
2/27/2025 2:40 PM	05:00	5.52 pH	16.84 °C	16.97 µS/cm	7.60 mg/L	0.20 NTU	84.6 mV	74.96 ft	0.01 PSU	200.00 ml/min
2/27/2025 2:45 PM	10:00	5.52 pH	16.98 °C	16.98 µS/cm	7.39 mg/L	0.11 NTU	83.4 mV	75.21 ft	0.01 PSU	110.00 ml/min
2/27/2025 2:50 PM	15:00	5.52 pH	16.97 °C	17.05 µS/cm	7.34 mg/L	0.45 NTU	108.3 mV	75.35 ft	0.01 PSU	110.00 ml/min
2/27/2025 2:55 PM	20:00	5.53 pH	16.94 °C	17.25 µS/cm	7.28 mg/L	0.23 NTU	107.5 mV	75.52 ft	0.01 PSU	110.00 ml/min
2/27/2025 3:00 PM	25:00	5.55 pH	16.92 °C	17.64 µS/cm	7.30 mg/L	0.16 NTU	106.4 mV	75.66 ft	0.01 PSU	110.00 ml/min
2/27/2025 3:05 PM	30:00	5.58 pH	16.90 °C	18.16 µS/cm	7.19 mg/L	0.14 NTU	105.4 mV	75.80 ft	0.01 PSU	110.00 ml/min
2/27/2025 3:10 PM	35:00	5.61 pH	16.87 °C	18.52 µS/cm	7.10 mg/L	0.12 NTU	104.6 mV	75.92 ft	0.01 PSU	110.00 ml/min
2/27/2025 3:15 PM	40:00	5.62 pH	16.86 °C	18.60 µS/cm	7.04 mg/L	0.11 NTU	104.1 mV	76.15 ft	0.01 PSU	110.00 ml/min
2/27/2025 3:20 PM	45:00	5.63 pH	16.88 °C	18.61 µS/cm	7.19 mg/L	0.10 NTU	103.7 mV	76.30 ft	0.01 PSU	110.00 ml/min
2/27/2025 3:25 PM	50:00	5.63 pH	16.82 °C	18.66 µS/cm	7.16 mg/L	0.10 NTU	103.3 mV	76.39 ft	0.01 PSU	110.00 ml/min
2/27/2025 3:30 PM	55:00	5.63 pH	16.78 °C	18.72 µS/cm	7.16 mg/L	0.08 NTU	102.8 mV	76.46 ft	0.01 PSU	110.00 ml/min
2/27/2025 3:35 PM	01:00:00	5.64 pH	16.74 °C	18.80 µS/cm	7.15 mg/L	0.05 NTU	102.4 mV	76.54 ft	0.01 PSU	110.00 ml/min

Samples

Sample ID:	Description:
GWA-50	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/28/2025 9:46:21 AM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWA-4RZ **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 110.74 ft** **Total Depth: 120.74 ft** **Initial Depth to Water: 100.47 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 115.74 ft** **Estimated Total Volume Pumped: 200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.36 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Complete Evac Performed 2/27/2025.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/28/2025 9:46 AM	00:00	7.31 pH	11.91 °C	497.44 µS/cm	4.59 mg/L	0.72 NTU	97.4 mV	100.83 ft	0.24 PSU	100.00 ml/min
2/28/2025 9:47 AM	01:00	7.27 pH	12.53 °C	487.15 µS/cm	4.51 mg/L		85.4 mV	100.83 ft	0.24 PSU	100.00 ml/min
2/28/2025 9:48 AM	02:00	7.25 pH	13.11 °C	485.55 µS/cm	4.41 mg/L	0.72 NTU	121.0 mV	100.83 ft	0.24 PSU	100.00 ml/min

Samples

Sample ID:	Description:
GWA-4RZ	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/28/2025 9:53:00 AM
Project: Plant Bowen LF February 2025
Operator Name: Natalie Piparo

Location Name: GWC-8Z **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 66.4 ft** **Total Depth: 76.4 ft** **Initial Depth to Water: 44.08 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 71.4 ft** **Estimated Total Volume Pumped: 9350 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 110 ml/min** **Final Draw Down: 0.44 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 843285**

Test Notes:
Prepurged 3L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/28/2025 9:53 AM	00:00	6.44 pH	13.93 °C	84.50 µS/cm	8.30 mg/L	1.87 NTU	131.0 mV	44.48 ft	0.04 PSU	110.00 ml/min
2/28/2025 9:58 AM	05:00	6.38 pH	14.02 °C	84.49 µS/cm	8.29 mg/L	1.51 NTU	121.9 mV	44.49 ft	0.04 PSU	110.00 ml/min
2/28/2025 10:03 AM	10:00	6.29 pH	14.11 °C	85.83 µS/cm	8.28 mg/L	1.26 NTU	144.5 mV	44.49 ft	0.04 PSU	110.00 ml/min
2/28/2025 10:08 AM	15:00	6.28 pH	14.11 °C	86.19 µS/cm	8.25 mg/L	1.53 NTU	141.1 mV	44.50 ft	0.04 PSU	110.00 ml/min
2/28/2025 10:13 AM	20:00	6.30 pH	14.16 °C	87.45 µS/cm	8.27 mg/L	1.50 NTU	137.9 mV	44.51 ft	0.04 PSU	110.00 ml/min
2/28/2025 10:18 AM	25:00	6.30 pH	14.29 °C	90.40 µS/cm	8.26 mg/L	1.68 NTU	135.3 mV	44.51 ft	0.04 PSU	110.00 ml/min
2/28/2025 10:23 AM	30:00	6.35 pH	14.31 °C	96.19 µS/cm	8.26 mg/L	2.04 NTU	132.6 mV	44.51 ft	0.04 PSU	110.00 ml/min
2/28/2025 10:28 AM	35:00	6.40 pH	14.45 °C	104.34 µS/cm	8.23 mg/L	1.93 NTU	129.8 mV	44.52 ft	0.05 PSU	110.00 ml/min
2/28/2025 10:33 AM	40:00	6.44 pH	14.40 °C	112.41 µS/cm	8.32 mg/L	1.82 NTU	128.6 mV	44.52 ft	0.05 PSU	110.00 ml/min
2/28/2025 10:38 AM	45:00	6.52 pH	14.47 °C	119.82 µS/cm	8.33 mg/L	1.37 NTU	126.1 mV	44.52 ft	0.06 PSU	110.00 ml/min
2/28/2025 10:43 AM	50:00	6.59 pH	14.56 °C	127.74 µS/cm	8.34 mg/L	1.61 NTU	123.6 mV	44.52 ft	0.06 PSU	110.00 ml/min
2/28/2025 10:48 AM	55:00	6.64 pH	14.61 °C	132.90 µS/cm	8.31 mg/L	0.99 NTU	121.8 mV	44.52 ft	0.06 PSU	110.00 ml/min
2/28/2025 10:53 AM	01:00:00	6.71 pH	14.66 °C	137.74 µS/cm	8.44 mg/L	1.71 NTU	119.8 mV	44.52 ft	0.06 PSU	110.00 ml/min
2/28/2025 10:58 AM	01:05:00	6.77 pH	14.70 °C	142.10 µS/cm	8.41 mg/L	1.20 NTU	117.8 mV	44.52 ft	0.07 PSU	110.00 ml/min
2/28/2025 11:03 AM	01:10:00	6.82 pH	14.73 °C	144.00 µS/cm	8.43 mg/L	1.66 NTU	116.1 mV	44.52 ft	0.07 PSU	110.00 ml/min

2/28/2025 11:08 AM	01:15:00	6.83 pH	14.82 °C	146.36 µS/cm	8.54 mg/L	1.85 NTU	115.4 mV	44.52 ft	0.07 PSU	110.00 ml/min
2/28/2025 11:13 AM	01:20:00	6.88 pH	14.95 °C	149.24 µS/cm	8.51 mg/L	1.24 NTU	113.2 mV	44.52 ft	0.07 PSU	110.00 ml/min
2/28/2025 11:18 AM	01:25:00	6.92 pH	15.06 °C	150.49 µS/cm	8.49 mg/L	1.07 NTU	111.4 mV	44.52 ft	0.07 PSU	110.00 ml/min

Samples

Sample ID:	Description:
GWC-8Z	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/28/2025 10:02:28 AM
Project: Plant Bowen LF February 2025
Operator Name: Kyle Rhyne

Location Name: GWC-10 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 61.81 ft** **Total Depth: 71.81 ft** **Initial Depth to Water: 31.29 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 66.81 ft** **Estimated Total Volume Pumped: 15500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 155 ml/min** **Final Draw Down: 0.02 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 980712**

Test Notes:
Pre-purged 3 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 0.2	+/- 5	+/- 1000	+/- 0.3	
2/28/2025 10:02 AM	00:00	8.18 pH	13.57 °C	106.14 µS/cm	9.13 mg/L	0.16 NTU	167.9 mV	31.30 ft	155.00 ml/min
2/28/2025 10:07 AM	05:00	5.93 pH	14.71 °C	54.15 µS/cm	7.82 mg/L	0.44 NTU	136.2 mV	31.30 ft	155.00 ml/min
2/28/2025 10:12 AM	10:00	5.69 pH	14.85 °C	51.50 µS/cm	7.77 mg/L	0.55 NTU	175.7 mV	31.31 ft	155.00 ml/min
2/28/2025 10:17 AM	15:00	5.66 pH	14.93 °C	51.96 µS/cm	7.75 mg/L	0.37 NTU	172.0 mV	31.30 ft	155.00 ml/min
2/28/2025 10:22 AM	20:00	5.70 pH	15.02 °C	55.63 µS/cm	7.73 mg/L	0.27 NTU	166.2 mV	31.30 ft	155.00 ml/min
2/28/2025 10:27 AM	25:00	5.78 pH	15.14 °C	67.49 µS/cm	7.66 mg/L	0.32 NTU	157.4 mV	31.31 ft	155.00 ml/min
2/28/2025 10:32 AM	30:00	5.95 pH	15.29 °C	86.63 µS/cm	7.57 mg/L	0.53 NTU	145.0 mV	31.30 ft	155.00 ml/min
2/28/2025 10:37 AM	35:00	6.09 pH	15.62 °C	106.21 µS/cm	7.46 mg/L	0.49 NTU	134.2 mV	31.30 ft	155.00 ml/min
2/28/2025 10:42 AM	40:00	6.18 pH	15.83 °C	118.46 µS/cm	7.45 mg/L	0.36 NTU	127.9 mV	31.30 ft	155.00 ml/min
2/28/2025 10:47 AM	45:00	6.22 pH	16.16 °C	127.13 µS/cm	7.36 mg/L	0.30 NTU	124.1 mV	31.30 ft	155.00 ml/min
2/28/2025 10:52 AM	50:00	6.29 pH	18.05 °C	129.26 µS/cm	6.92 mg/L	0.39 NTU	120.0 mV	31.30 ft	155.00 ml/min
2/28/2025 10:57 AM	55:00	6.33 pH	18.07 °C	134.99 µS/cm	6.97 mg/L	0.33 NTU	117.1 mV	31.30 ft	155.00 ml/min
2/28/2025 11:02 AM	01:00:00	6.35 pH	17.79 °C	139.16 µS/cm	7.04 mg/L	0.35 NTU	115.5 mV	31.31 ft	155.00 ml/min
2/28/2025 11:07 AM	01:05:00	6.38 pH	17.91 °C	141.56 µS/cm	7.03 mg/L	0.23 NTU	113.3 mV	31.30 ft	155.00 ml/min
2/28/2025 11:12 AM	01:10:00	6.40 pH	17.63 °C	144.73 µS/cm	7.10 mg/L	0.35 NTU	111.8 mV	31.30 ft	155.00 ml/min

2/28/2025 11:17 AM	01:15:00	6.42 pH	15.30 °C	155.31 µS/cm	7.75 mg/L	0.34 NTU	110.0 mV	31.30 ft	155.00 ml/min
2/28/2025 11:22 AM	01:20:00	6.44 pH	17.30 °C	150.56 µS/cm	7.25 mg/L	0.26 NTU	108.7 mV	31.30 ft	155.00 ml/min
2/28/2025 11:27 AM	01:25:00	6.46 pH	17.26 °C	153.26 µS/cm	7.28 mg/L	0.32 NTU	107.4 mV	31.30 ft	155.00 ml/min
2/28/2025 11:32 AM	01:30:00	6.48 pH	17.62 °C	154.25 µS/cm	7.22 mg/L	0.17 NTU	106.1 mV	31.30 ft	155.00 ml/min
2/28/2025 11:37 AM	01:35:00	6.49 pH	17.70 °C	156.01 µS/cm	7.23 mg/L	0.17 NTU	105.9 mV	31.31 ft	155.00 ml/min
2/28/2025 11:42 AM	01:40:00	6.50 pH	18.06 °C	156.17 µS/cm	7.17 mg/L	0.18 NTU	104.4 mV	31.31 ft	155.00 ml/min

Samples

Sample ID:	Description:
GWC-10	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/28/2025 10:50:55 AM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWA-50R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 135.53 ft** **Total Depth: 145.53 ft** **Initial Depth to Water: 72.21 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 140.53 ft** **Estimated Total Volume Pumped: 3600 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 120 ml/min** **Final Draw Down: 0.05 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/28/2025 10:50 AM	00:00	5.23 pH	15.23 °C	15.07 µS/cm	10.12 mg/L	0.15 NTU	137.7 mV	72.26 ft	0.01 PSU	120.00 ml/min
2/28/2025 10:55 AM	05:00	5.02 pH	15.20 °C	15.13 µS/cm	10.49 mg/L	0.20 NTU	125.5 mV	72.26 ft	0.01 PSU	120.00 ml/min
2/28/2025 11:00 AM	10:00	4.99 pH	15.16 °C	15.11 µS/cm	10.55 mg/L	0.21 NTU	157.8 mV	72.26 ft	0.01 PSU	120.00 ml/min
2/28/2025 11:05 AM	15:00	4.99 pH	15.23 °C	15.13 µS/cm	10.59 mg/L	0.10 NTU	158.3 mV	72.26 ft	0.01 PSU	120.00 ml/min
2/28/2025 11:10 AM	20:00	5.00 pH	15.26 °C	15.26 µS/cm	10.59 mg/L	0.12 NTU	158.3 mV	72.26 ft	0.01 PSU	120.00 ml/min
2/28/2025 11:15 AM	25:00	5.02 pH	15.30 °C	15.38 µS/cm	10.67 mg/L	0.12 NTU	158.0 mV	72.26 ft	0.01 PSU	120.00 ml/min
2/28/2025 11:20 AM	30:00	5.04 pH	15.30 °C	15.48 µS/cm	10.74 mg/L	0.08 NTU	157.6 mV	72.26 ft	0.01 PSU	120.00 ml/min

Samples

Sample ID:	Description:
GWA-50R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/28/2025 11:09:36 AM
Project: Plant Bowen LF February 2025
Operator Name: Jay Siewert

Location Name: GWC-9 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 67.16 ft** **Total Depth: 77.16 ft** **Initial Depth to Water: 38.29 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 72.16 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 160 ml/min** **Final Draw Down: 0.04 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850762**

Test Notes:
Pre-purged 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	+/- 10	
2/28/2025 11:09 AM	00:00	5.10 pH	15.67 °C	51.36 µS/cm	6.97 mg/L	0.35 NTU	173.4 mV	38.30 ft	0.02 PSU	160.00 ml/min
2/28/2025 11:14 AM	05:00	4.93 pH	15.74 °C	50.01 µS/cm	6.78 mg/L	0.33 NTU	164.6 mV	38.31 ft	0.02 PSU	160.00 ml/min
2/28/2025 11:19 AM	10:00	4.87 pH	15.78 °C	49.11 µS/cm	6.73 mg/L	0.50 NTU	184.0 mV	38.31 ft	0.02 PSU	160.00 ml/min
2/28/2025 11:24 AM	15:00	4.85 pH	15.82 °C	48.83 µS/cm	6.82 mg/L	0.22 NTU	179.6 mV	38.32 ft	0.02 PSU	160.00 ml/min
2/28/2025 11:29 AM	20:00	4.82 pH	15.86 °C	48.47 µS/cm	6.87 mg/L	0.22 NTU	175.2 mV	38.32 ft	0.02 PSU	160.00 ml/min
2/28/2025 11:34 AM	25:00	4.81 pH	15.88 °C	48.34 µS/cm	6.94 mg/L	0.13 NTU	171.3 mV	38.33 ft	0.02 PSU	160.00 ml/min

Samples

Sample ID:	Description:
GWC-9	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/3/2025 10:20:59 AM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-15Z **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 64.9 ft** **Total Depth: 74.9 ft** **Initial Depth to Water: 39.29 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 69.9 ft** **Estimated Total Volume Pumped: 2600 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 130 ml/min** **Final Draw Down: 0.64 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
3/3/2025 10:20 AM	00:00	7.72 pH	14.74 °C	225.32 µS/cm	7.79 mg/L	2.59 NTU	78.6 mV	39.93 ft	0.11 PSU	130.00 ml/min
3/3/2025 10:25 AM	05:00	7.75 pH	14.84 °C	226.56 µS/cm	7.80 mg/L	2.88 NTU	87.3 mV	39.93 ft	0.11 PSU	130.00 ml/min
3/3/2025 10:30 AM	10:00	7.77 pH	14.75 °C	226.42 µS/cm	7.73 mg/L	3.70 NTU	55.5 mV	39.93 ft	0.11 PSU	130.00 ml/min
3/3/2025 10:35 AM	15:00	7.77 pH	14.81 °C	227.54 µS/cm	7.72 mg/L	3.20 NTU	52.6 mV	39.93 ft	0.11 PSU	130.00 ml/min
3/3/2025 10:40 AM	20:00	7.78 pH	14.89 °C	227.94 µS/cm	7.70 mg/L	2.94 NTU	50.4 mV	39.93 ft	0.11 PSU	130.00 ml/min

Samples

Sample ID:	Description:
GWC-15Z	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/3/2025 11:19:23 AM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-15R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 87.5 ft** **Total Depth: 97.5 ft** **Initial Depth to Water: 39.63 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 92.5 ft** **Estimated Total Volume Pumped: 8000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.22 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
3/3/2025 11:19 AM	00:00	7.59 pH	16.52 °C	235.23 µS/cm	5.08 mg/L	2.08 NTU	59.1 mV	39.85 ft	0.11 PSU	120.00 ml/min
3/3/2025 11:24 AM	05:00	7.64 pH	16.73 °C	234.99 µS/cm	5.19 mg/L	4.59 NTU	46.5 mV	39.85 ft	0.11 PSU	120.00 ml/min
3/3/2025 11:29 AM	10:00	7.67 pH	16.82 °C	234.08 µS/cm	5.26 mg/L	6.82 NTU	43.2 mV	39.85 ft	0.11 PSU	120.00 ml/min
3/3/2025 11:34 AM	15:00	7.69 pH	16.99 °C	233.84 µS/cm	5.27 mg/L	8.08 NTU	41.4 mV	39.86 ft	0.11 PSU	120.00 ml/min
3/3/2025 11:39 AM	20:00	7.69 pH	17.07 °C	232.48 µS/cm	5.29 mg/L	8.60 NTU	40.3 mV	39.87 ft	0.11 PSU	120.00 ml/min
3/3/2025 11:44 AM	25:00	7.71 pH	16.93 °C	236.22 µS/cm	5.55 mg/L	8.41 NTU	39.2 mV	39.95 ft	0.11 PSU	120.00 ml/min
3/3/2025 11:49 AM	30:00	7.75 pH	16.97 °C	236.34 µS/cm	5.79 mg/L	8.17 NTU	37.6 mV	39.95 ft	0.11 PSU	120.00 ml/min
3/3/2025 11:54 AM	35:00	7.77 pH	17.05 °C	237.32 µS/cm	5.80 mg/L	6.23 NTU	37.0 mV	39.95 ft	0.11 PSU	120.00 ml/min
3/3/2025 11:59 AM	40:00	7.77 pH	16.99 °C	237.74 µS/cm	5.75 mg/L	5.99 NTU	36.5 mV	39.95 ft	0.11 PSU	120.00 ml/min
3/3/2025 12:04 PM	45:00	7.78 pH	17.08 °C	237.62 µS/cm	5.76 mg/L	7.16 NTU	35.7 mV	39.95 ft	0.11 PSU	120.00 ml/min
3/3/2025 12:09 PM	50:00	7.79 pH	17.22 °C	238.00 µS/cm	5.78 mg/L	6.96 NTU	34.8 mV	39.90 ft	0.11 PSU	100.00 ml/min
3/3/2025 12:14 PM	55:00	7.80 pH	17.21 °C	238.38 µS/cm	5.80 mg/L	5.49 NTU	34.3 mV	39.88 ft	0.11 PSU	100.00 ml/min
3/3/2025 12:19 PM	01:00:00	7.79 pH	17.18 °C	238.63 µS/cm	5.79 mg/L	4.92 NTU	34.0 mV	39.85 ft	0.11 PSU	100.00 ml/min
3/3/2025 12:24 PM	01:05:00	7.80 pH	17.23 °C	238.36 µS/cm	5.80 mg/L	4.78 NTU	33.4 mV	39.85 ft	0.11 PSU	100.00 ml/min
3/3/2025 12:29 PM	01:10:00	7.80 pH	17.35 °C	239.60 µS/cm	5.88 mg/L	4.68 NTU	32.7 mV	39.85 ft	0.11 PSU	100.00 ml/min

Samples

Sample ID:	Description:
GWC-15R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/3/2025 11:37:47 AM
Project: Plant Bowen LF February 2025
Operator Name: Natalie Piparo

Location Name: GWC-10R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 90.2 ft** **Total Depth: 100.2 ft** **Initial Depth to Water: 32.39 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 95.2 ft** **Estimated Total Volume Pumped: 6750 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.03 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 980712**

Test Notes:
Prepurged 2L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
3/3/2025 11:37 AM	00:00	7.34 pH	14.89 °C	288.92 µS/cm	3.43 mg/L	0.34 NTU	29.8 mV	32.41 ft	0.14 PSU	150.00 ml/min
3/3/2025 11:42 AM	05:00	7.38 pH	14.80 °C	286.68 µS/cm	4.32 mg/L	0.27 NTU	40.4 mV	32.41 ft	0.14 PSU	150.00 ml/min
3/3/2025 11:47 AM	10:00	7.42 pH	14.87 °C	284.37 µS/cm	4.92 mg/L	0.28 NTU	37.5 mV	32.41 ft	0.14 PSU	150.00 ml/min
3/3/2025 11:52 AM	15:00	7.46 pH	14.90 °C	282.31 µS/cm	5.45 mg/L	0.20 NTU	34.1 mV	32.41 ft	0.14 PSU	150.00 ml/min
3/3/2025 11:57 AM	20:00	7.49 pH	15.10 °C	280.01 µS/cm	5.87 mg/L	0.22 NTU	36.6 mV	32.41 ft	0.13 PSU	150.00 ml/min
3/3/2025 12:02 PM	25:00	7.51 pH	17.48 °C	263.75 µS/cm	5.73 mg/L	0.23 NTU	31.6 mV	32.41 ft	0.13 PSU	150.00 ml/min
3/3/2025 12:07 PM	30:00	7.53 pH	16.84 °C	266.41 µS/cm	6.11 mg/L	0.23 NTU	29.9 mV	32.42 ft	0.13 PSU	150.00 ml/min
3/3/2025 12:12 PM	35:00	7.55 pH	17.18 °C	263.32 µS/cm	6.23 mg/L	0.20 NTU	27.8 mV	32.42 ft	0.13 PSU	150.00 ml/min
3/3/2025 12:17 PM	40:00	7.56 pH	17.21 °C	262.31 µS/cm	6.39 mg/L	0.26 NTU	26.2 mV	32.42 ft	0.13 PSU	150.00 ml/min
3/3/2025 12:22 PM	45:00	7.57 pH	17.04 °C	262.65 µS/cm	6.62 mg/L	0.21 NTU	24.7 mV	32.42 ft	0.13 PSU	150.00 ml/min

Samples

Sample ID:	Description:
GWC-10R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/3/2025 12:10:35 PM
Project: Plant Bowen LF February 2025
Operator Name: Jay Siewert

Location Name: GWC-13RZ **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 94.3 ft** **Total Depth: 104.3 ft** **Initial Depth to Water: 66.3 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 99.3 ft** **Estimated Total Volume Pumped: 16350 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 110 ml/min** **Final Draw Down: 28.45 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850762**

Test Notes:
Pre-purged 12 L
WL entered screened interval. Complete evacuation method performed. Samples to be collected 3/4/2025.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	+/- 10	
3/3/2025 12:10 PM	00:00	7.56 pH	16.13 °C	397.04 µS/cm	5.31 mg/L	0.71 NTU	118.6 mV	81.91 ft	0.19 PSU	190.00 ml/min
3/3/2025 12:15 PM	05:00	7.56 pH	16.16 °C	392.63 µS/cm	5.59 mg/L	0.90 NTU	134.2 mV	83.02 ft	0.19 PSU	190.00 ml/min
3/3/2025 12:20 PM	10:00	7.56 pH	16.18 °C	394.47 µS/cm	5.86 mg/L	0.45 NTU	108.2 mV	84.37 ft	0.19 PSU	190.00 ml/min
3/3/2025 12:25 PM	15:00	7.56 pH	16.18 °C	392.88 µS/cm	6.03 mg/L	0.79 NTU	126.2 mV	85.64 ft	0.19 PSU	190.00 ml/min
3/3/2025 12:30 PM	20:00	7.55 pH	16.23 °C	395.42 µS/cm	6.16 mg/L	0.24 NTU	100.4 mV	87.05 ft	0.19 PSU	190.00 ml/min
3/3/2025 12:35 PM	25:00	7.57 pH	15.78 °C	392.92 µS/cm	6.17 mg/L	0.34 NTU	96.3 mV	88.00 ft	0.19 PSU	1,110.0 ml/min
3/3/2025 12:40 PM	30:00	7.58 pH	15.30 °C	395.75 µS/cm	6.26 mg/L	0.25 NTU	92.6 mV	88.45 ft	0.19 PSU	110.00 ml/min
3/3/2025 12:45 PM	35:00	7.57 pH	15.19 °C	394.89 µS/cm	6.32 mg/L	0.19 NTU	111.2 mV	88.92 ft	0.19 PSU	110.00 ml/min
3/3/2025 12:50 PM	40:00	7.57 pH	15.55 °C	394.75 µS/cm	6.39 mg/L	0.13 NTU	107.6 mV	89.62 ft	0.19 PSU	110.00 ml/min
3/3/2025 12:55 PM	45:00	7.58 pH	15.46 °C	394.52 µS/cm	6.38 mg/L	0.85 NTU	104.6 mV	89.95 ft	0.19 PSU	110.00 ml/min
3/3/2025 1:00 PM	50:00	7.59 pH	15.04 °C	397.78 µS/cm	6.40 mg/L	0.34 NTU	78.2 mV	90.28 ft	0.19 PSU	110.00 ml/min
3/3/2025 1:05 PM	55:00	7.58 pH	15.46 °C	402.61 µS/cm	6.43 mg/L	0.42 NTU	74.5 mV	90.97 ft	0.19 PSU	110.00 ml/min
3/3/2025 1:10 PM	01:00:00	7.58 pH	15.69 °C	400.94 µS/cm	6.52 mg/L	0.22 NTU	71.0 mV	91.52 ft	0.19 PSU	110.00 ml/min
3/3/2025 1:15 PM	01:05:00	7.58 pH	15.87 °C	400.79 µS/cm	6.52 mg/L	0.30 NTU	67.3 mV	92.24 ft	0.19 PSU	110.00 ml/min
3/3/2025 1:20 PM	01:10:00	7.58 pH	15.87 °C	401.31 µS/cm	6.51 mg/L	0.29 NTU	63.9 mV	92.80 ft	0.19 PSU	110.00 ml/min

3/3/2025 1:25 PM	01:15:00	7.58 pH	15.87 °C	399.24 µS/cm	6.50 mg/L	0.24 NTU	78.7 mV	93.54 ft	0.19 PSU	110.00 ml/min
3/3/2025 1:30 PM	01:20:00	7.58 pH	15.89 °C	401.13 µS/cm	6.50 mg/L	0.09 NTU	58.0 mV	94.23 ft	0.19 PSU	110.00 ml/min
3/3/2025 1:35 PM	01:25:00	7.57 pH	15.96 °C	400.44 µS/cm	6.50 mg/L	0.03 NTU	53.9 mV	94.75 ft	0.19 PSU	110.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/3/2025 1:19:03 PM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-14Z **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 66.34 ft** **Total Depth: 76.34 ft** **Initial Depth to Water: 30.32 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 71.34 ft** **Estimated Total Volume Pumped: 6000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 2.73 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
3/3/2025 1:19 PM	00:00	5.73 pH	17.04 °C	92.51 µS/cm	4.10 mg/L	0.20 NTU	78.9 mV	32.30 ft	0.04 PSU	100.00 ml/min
3/3/2025 1:24 PM	05:00	5.78 pH	17.04 °C	95.49 µS/cm	4.19 mg/L	0.20 NTU	91.7 mV	32.65 ft	0.04 PSU	100.00 ml/min
3/3/2025 1:29 PM	10:00	5.84 pH	17.04 °C	98.88 µS/cm	4.25 mg/L	0.43 NTU	86.9 mV	32.99 ft	0.05 PSU	100.00 ml/min
3/3/2025 1:34 PM	15:00	5.89 pH	17.08 °C	102.18 µS/cm	4.29 mg/L	0.32 NTU	62.5 mV	33.27 ft	0.05 PSU	100.00 ml/min
3/3/2025 1:39 PM	20:00	5.93 pH	17.04 °C	105.15 µS/cm	4.32 mg/L	0.58 NTU	80.8 mV	33.50 ft	0.05 PSU	100.00 ml/min
3/3/2025 1:44 PM	25:00	5.98 pH	17.11 °C	106.16 µS/cm	4.33 mg/L	0.30 NTU	78.6 mV	33.00 ft	0.05 PSU	100.00 ml/min
3/3/2025 1:49 PM	30:00	5.99 pH	17.00 °C	108.57 µS/cm	4.36 mg/L	0.04 NTU	77.8 mV	33.05 ft	0.05 PSU	100.00 ml/min
3/3/2025 1:54 PM	35:00	6.03 pH	17.17 °C	113.41 µS/cm	4.34 mg/L	0.04 NTU	76.2 mV	33.05 ft	0.05 PSU	100.00 ml/min
3/3/2025 1:59 PM	40:00	6.09 pH	17.26 °C	118.19 µS/cm	4.38 mg/L	0.28 NTU	74.5 mV	33.05 ft	0.06 PSU	100.00 ml/min
3/3/2025 2:04 PM	45:00	6.14 pH	17.27 °C	121.28 µS/cm	4.45 mg/L	0.09 NTU	72.9 mV	33.05 ft	0.06 PSU	100.00 ml/min
3/3/2025 2:09 PM	50:00	6.16 pH	17.44 °C	122.80 µS/cm	4.49 mg/L	0.06 NTU	71.9 mV	33.05 ft	0.06 PSU	100.00 ml/min
3/3/2025 2:14 PM	55:00	6.15 pH	17.35 °C	123.38 µS/cm	4.49 mg/L	0.03 NTU	72.0 mV	33.05 ft	0.06 PSU	100.00 ml/min
3/3/2025 2:19 PM	01:00:00	6.16 pH	17.26 °C	124.12 µS/cm	4.49 mg/L	0.03 NTU	71.3 mV	33.05 ft	0.06 PSU	100.00 ml/min

Samples

Sample ID:	Description:
GWC-14Z	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/3/2025 2:57:31 PM
Project: Plant Bowen LF February 2025
Operator Name: Natalie Piparo

Location Name: GWC-11R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 73.2 ft** **Total Depth: 83.2 ft** **Initial Depth to Water: 22.16 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 78.2 ft** **Estimated Total Volume Pumped: 3500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 140 ml/min** **Final Draw Down: 0.04 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 980712**

Test Notes:
Prepurged 8L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
3/3/2025 2:57 PM	00:00	7.61 pH	22.02 °C	267.18 µS/cm	5.70 mg/L	1.14 NTU	34.1 mV	22.20 ft	0.13 PSU	140.00 ml/min
3/3/2025 3:02 PM	05:00	7.63 pH	18.13 °C	287.40 µS/cm	6.38 mg/L	1.20 NTU	32.3 mV	22.20 ft	0.14 PSU	140.00 ml/min
3/3/2025 3:07 PM	10:00	7.62 pH	17.85 °C	289.67 µS/cm	6.40 mg/L	1.14 NTU	32.2 mV	22.20 ft	0.14 PSU	140.00 ml/min
3/3/2025 3:12 PM	15:00	7.63 pH	17.87 °C	288.85 µS/cm	6.35 mg/L	1.06 NTU	31.6 mV	22.20 ft	0.14 PSU	140.00 ml/min
3/3/2025 3:17 PM	20:00	7.63 pH	17.82 °C	288.33 µS/cm	6.36 mg/L	1.03 NTU	31.0 mV	22.20 ft	0.14 PSU	140.00 ml/min
3/3/2025 3:22 PM	25:00	7.62 pH	17.71 °C	288.40 µS/cm	6.35 mg/L	0.95 NTU	30.8 mV	22.20 ft	0.14 PSU	140.00 ml/min

Samples

Sample ID:	Description:
GWC-11R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/3/2025 3:01:29 PM
Project: Plant Bowen LF February 2025
Operator Name: Jay Siewert

Location Name: GWC-13 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 74.8 ft** **Total Depth: 84.8 ft** **Initial Depth to Water: 30.82 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 79.8 ft** **Estimated Total Volume Pumped: 3500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.08 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850762**

Test Notes:
Pre-purged 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	+/- 10	
3/3/2025 3:01 PM	00:00	7.31 pH	17.12 °C	233.81 µS/cm	4.46 mg/L	7.16 NTU	-10.6 mV	30.90 ft	0.11 PSU	100.00 ml/min
3/3/2025 3:06 PM	05:00	7.31 pH	17.31 °C	228.81 µS/cm	4.64 mg/L	7.55 NTU	-5.6 mV	30.90 ft	0.11 PSU	100.00 ml/min
3/3/2025 3:11 PM	10:00	7.30 pH	17.37 °C	229.02 µS/cm	4.67 mg/L	6.80 NTU	-4.4 mV	30.90 ft	0.11 PSU	100.00 ml/min
3/3/2025 3:16 PM	15:00	7.30 pH	17.40 °C	227.67 µS/cm	4.69 mg/L	6.35 NTU	-3.9 mV	30.90 ft	0.11 PSU	100.00 ml/min
3/3/2025 3:21 PM	20:00	7.29 pH	17.28 °C	231.73 µS/cm	4.73 mg/L	5.63 NTU	-3.2 mV	30.90 ft	0.11 PSU	100.00 ml/min
3/3/2025 3:26 PM	25:00	7.29 pH	17.34 °C	234.04 µS/cm	4.77 mg/L	5.41 NTU	-3.3 mV	30.90 ft	0.11 PSU	100.00 ml/min
3/3/2025 3:31 PM	30:00	7.29 pH	17.26 °C	234.60 µS/cm	4.81 mg/L	4.88 NTU	-3.2 mV	30.90 ft	0.11 PSU	100.00 ml/min
3/3/2025 3:36 PM	35:00	7.29 pH	17.30 °C	235.77 µS/cm	4.85 mg/L	4.82 NTU	-2.5 mV	30.90 ft	0.11 PSU	100.00 ml/min

Samples

Sample ID:	Description:
GWC-13	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 3/4/2025 9:52:38 AM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-8RR **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 101.83 ft** **Total Depth: 111.83 ft** **Initial Depth to Water: 44.99 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 106.83 ft** **Estimated Total Volume Pumped: 2200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 110 ml/min** **Final Draw Down: 0.04 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
3/4/2025 9:52 AM	00:00	7.89 pH	14.14 °C	190.71 µS/cm	8.27 mg/L	0.18 NTU	68.7 mV	45.03 ft	0.09 PSU	110.00 ml/min
3/4/2025 9:57 AM	05:00	7.94 pH	14.16 °C	192.51 µS/cm	8.36 mg/L	0.18 NTU	79.1 mV	45.03 ft	0.09 PSU	110.00 ml/min
3/4/2025 10:02 AM	10:00	7.96 pH	14.16 °C	192.75 µS/cm	8.34 mg/L	0.45 NTU	51.1 mV	45.03 ft	0.09 PSU	110.00 ml/min
3/4/2025 10:07 AM	15:00	7.98 pH	14.21 °C	192.77 µS/cm	8.34 mg/L	0.34 NTU	48.2 mV	45.03 ft	0.09 PSU	110.00 ml/min
3/4/2025 10:12 AM	20:00	7.96 pH	14.25 °C	192.71 µS/cm	8.37 mg/L	0.24 NTU	47.8 mV	45.03 ft	0.09 PSU	110.00 ml/min

Samples

Sample ID:	Description:
GWC-8RR	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 3/4/2025 10:15:07 AM
Project: Plant Bowen LF February 2025
Operator Name: Natalie Piparo

Location Name: GWC-13RZ **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 94.3 ft** **Total Depth: 104.3 ft** **Initial Depth to Water: 94.48 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 99.3 ft** **Estimated Total Volume Pumped: 200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.36 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 980712**

Test Notes:
Complete evacuation performed 3/3/2025.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
3/4/2025 10:15 AM	00:00	7.49 pH	16.74 °C	450.21 µS/cm	6.54 mg/L	0.26 NTU	163.4 mV	94.84 ft	0.22 PSU	100.00 ml/min
3/4/2025 10:16 AM	01:00	7.47 pH	18.66 °C	405.09 µS/cm	6.04 mg/L		183.5 mV	94.84 ft	0.20 PSU	100.00 ml/min
3/4/2025 10:17 AM	02:00	7.46 pH	18.33 °C	398.56 µS/cm	6.00 mg/L	0.26 NTU	183.2 mV	94.84 ft	0.19 PSU	100.00 ml/min

Samples

Sample ID:	Description:
GWC-13RZ	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/4/2025 11:05:57 AM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-11 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 37.35 ft** **Total Depth: 47.35 ft** **Initial Depth to Water: 22.35 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 42.35 ft** **Estimated Total Volume Pumped: 12100 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 110 ml/min** **Final Draw Down: 0.07 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 1 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
3/4/2025 11:05 AM	00:00	6.19 pH	16.58 °C	72.81 µS/cm	4.32 mg/L	1.30 NTU	86.3 mV	22.42 ft	0.03 PSU	110.00 ml/min
3/4/2025 11:10 AM	05:00	6.08 pH	16.73 °C	80.50 µS/cm	4.35 mg/L	1.22 NTU	71.8 mV	22.42 ft	0.04 PSU	110.00 ml/min
3/4/2025 11:15 AM	10:00	6.06 pH	16.89 °C	85.31 µS/cm	4.35 mg/L	0.78 NTU	95.1 mV	22.42 ft	0.04 PSU	110.00 ml/min
3/4/2025 11:20 AM	15:00	6.14 pH	16.97 °C	89.41 µS/cm	4.35 mg/L	0.68 NTU	90.6 mV	22.42 ft	0.04 PSU	110.00 ml/min
3/4/2025 11:25 AM	20:00	6.17 pH	17.03 °C	91.05 µS/cm	4.14 mg/L	0.52 NTU	87.9 mV	22.42 ft	0.04 PSU	110.00 ml/min
3/4/2025 11:30 AM	25:00	6.20 pH	16.86 °C	95.78 µS/cm	4.08 mg/L	1.23 NTU	85.4 mV	22.42 ft	0.04 PSU	110.00 ml/min
3/4/2025 11:35 AM	30:00	6.23 pH	17.11 °C	99.71 µS/cm	4.06 mg/L	0.94 NTU	83.2 mV	22.42 ft	0.05 PSU	110.00 ml/min
3/4/2025 11:40 AM	35:00	6.28 pH	17.35 °C	106.60 µS/cm	4.12 mg/L	0.60 NTU	81.0 mV	22.42 ft	0.05 PSU	110.00 ml/min
3/4/2025 11:45 AM	40:00	6.34 pH	17.24 °C	113.22 µS/cm	4.20 mg/L	1.12 NTU	79.1 mV	22.42 ft	0.05 PSU	110.00 ml/min
3/4/2025 11:50 AM	45:00	6.39 pH	17.05 °C	120.48 µS/cm	4.33 mg/L	0.80 NTU	77.6 mV	22.42 ft	0.06 PSU	110.00 ml/min
3/4/2025 11:55 AM	50:00	6.46 pH	17.14 °C	129.18 µS/cm	4.43 mg/L	1.26 NTU	55.7 mV	22.42 ft	0.06 PSU	110.00 ml/min
3/4/2025 12:00 PM	55:00	6.53 pH	17.08 °C	135.09 µS/cm	4.53 mg/L	0.95 NTU	72.6 mV	22.42 ft	0.06 PSU	110.00 ml/min
3/4/2025 12:05 PM	01:00:00	6.57 pH	17.48 °C	141.10 µS/cm	4.60 mg/L	0.90 NTU	71.4 mV	22.42 ft	0.07 PSU	110.00 ml/min
3/4/2025 12:10 PM	01:05:00	6.60 pH	17.66 °C	146.42 µS/cm	4.66 mg/L	1.12 NTU	70.9 mV	22.42 ft	0.07 PSU	110.00 ml/min
3/4/2025 12:15 PM	01:10:00	6.66 pH	17.72 °C	152.45 µS/cm	4.72 mg/L	0.91 NTU	69.3 mV	22.42 ft	0.07 PSU	110.00 ml/min

3/4/2025 12:20 PM	01:15:00	6.70 pH	17.97 °C	155.81 µS/cm	4.76 mg/L	0.98 NTU	68.5 mV	22.42 ft	0.07 PSU	110.00 ml/min
3/4/2025 12:25 PM	01:20:00	6.74 pH	17.97 °C	157.85 µS/cm	4.78 mg/L	0.78 NTU	67.6 mV	22.42 ft	0.07 PSU	110.00 ml/min
3/4/2025 12:30 PM	01:25:00	6.76 pH	17.44 °C	160.03 µS/cm	4.91 mg/L	0.70 NTU	67.9 mV	22.42 ft	0.08 PSU	110.00 ml/min
3/4/2025 12:35 PM	01:30:00	6.81 pH	17.42 °C	167.92 µS/cm	4.95 mg/L	0.63 NTU	50.3 mV	22.42 ft	0.08 PSU	110.00 ml/min
3/4/2025 12:40 PM	01:35:00	6.87 pH	17.46 °C	172.19 µS/cm	5.00 mg/L	1.11 NTU	49.2 mV	22.42 ft	0.08 PSU	110.00 ml/min
3/4/2025 12:45 PM	01:40:00	6.90 pH	17.44 °C	174.60 µS/cm	5.00 mg/L	0.48 NTU	48.6 mV	22.42 ft	0.08 PSU	110.00 ml/min
3/4/2025 12:50 PM	01:45:00	6.91 pH	17.53 °C	176.27 µS/cm	5.02 mg/L	0.45 NTU	48.1 mV	22.42 ft	0.08 PSU	110.00 ml/min
3/4/2025 12:55 PM	01:50:00	6.93 pH	17.44 °C	180.59 µS/cm	5.08 mg/L	0.33 NTU	47.2 mV	22.42 ft	0.09 PSU	110.00 ml/min

Samples

Sample ID:	Description:
GWC-11	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 3/4/2025 1:25:35 PM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-12 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 44.03 ft** **Total Depth: 54.03 ft** **Initial Depth to Water: 21.5 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 49.03 ft** **Estimated Total Volume Pumped: 2600 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 130 ml/min** **Final Draw Down: 0.53 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 1 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
3/4/2025 1:25 PM	00:00	6.16 pH	17.10 °C	109.09 µS/cm	0.78 mg/L	1.88 NTU	19.1 mV	21.94 ft	0.05 PSU	130.00 ml/min
3/4/2025 1:30 PM	05:00	6.18 pH	17.31 °C	110.80 µS/cm	0.38 mg/L	1.98 NTU	12.2 mV	21.94 ft	0.05 PSU	130.00 ml/min
3/4/2025 1:35 PM	10:00	6.18 pH	17.43 °C	111.51 µS/cm	0.31 mg/L	2.69 NTU	6.0 mV	22.03 ft	0.05 PSU	130.00 ml/min
3/4/2025 1:40 PM	15:00	6.21 pH	17.84 °C	111.35 µS/cm	0.30 mg/L	2.64 NTU	0.3 mV	22.03 ft	0.05 PSU	130.00 ml/min
3/4/2025 1:45 PM	20:00	6.22 pH	17.79 °C	111.44 µS/cm	0.30 mg/L	2.44 NTU	-2.7 mV	22.03 ft	0.05 PSU	130.00 ml/min

Samples

Sample ID:	Description:
GWC-12	Metals, Inorganics, Alkalinity, TDS
FD-12	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/19/2025 10:30:06 AM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-36RA **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 100.28 ft** **Total Depth: 110.28 ft** **Initial Depth to Water: 31.21 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 105.28 ft** **Estimated Total Volume Pumped: 16500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 110 ml/min** **Final Draw Down: -0.34 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/19/2025 10:30 AM	00:00	7.22 pH	15.02 °C	446.68 µS/cm	3.65 mg/L	13.10 NTU	88.7 mV	31.15 ft	0.22 PSU	110.00 ml/min
2/19/2025 10:35 AM	05:00	7.22 pH	15.17 °C	444.22 µS/cm	3.65 mg/L	14.20 NTU	51.3 mV	31.16 ft	0.22 PSU	110.00 ml/min
2/19/2025 10:40 AM	10:00	7.22 pH	15.02 °C	444.79 µS/cm	3.65 mg/L	12.60 NTU	46.2 mV	31.16 ft	0.22 PSU	110.00 ml/min
2/19/2025 10:45 AM	15:00	7.22 pH	15.22 °C	444.87 µS/cm	3.65 mg/L	11.69 NTU	44.3 mV	31.16 ft	0.22 PSU	110.00 ml/min
2/19/2025 10:50 AM	20:00	7.21 pH	15.29 °C	442.93 µS/cm	3.62 mg/L	10.69 NTU	43.5 mV	31.16 ft	0.21 PSU	110.00 ml/min
2/19/2025 10:55 AM	25:00	7.20 pH	15.29 °C	444.48 µS/cm	3.66 mg/L	13.00 NTU	41.9 mV	31.15 ft	0.22 PSU	110.00 ml/min
2/19/2025 11:00 AM	30:00	7.20 pH	15.28 °C	444.99 µS/cm	3.71 mg/L	15.10 NTU	41.2 mV	31.13 ft	0.22 PSU	110.00 ml/min
2/19/2025 11:05 AM	35:00	7.21 pH	15.24 °C	444.94 µS/cm	3.71 mg/L	16.60 NTU	39.5 mV	31.12 ft	0.22 PSU	110.00 ml/min
2/19/2025 11:10 AM	40:00	7.20 pH	15.32 °C	442.39 µS/cm	3.69 mg/L	17.20 NTU	39.7 mV	31.10 ft	0.21 PSU	110.00 ml/min
2/19/2025 11:15 AM	45:00	7.21 pH	15.33 °C	440.95 µS/cm	3.71 mg/L	11.80 NTU	38.8 mV	31.08 ft	0.21 PSU	110.00 ml/min
2/19/2025 11:20 AM	50:00	7.21 pH	15.52 °C	442.62 µS/cm	3.74 mg/L	12.10 NTU	38.4 mV	31.05 ft	0.21 PSU	110.00 ml/min
2/19/2025 11:25 AM	55:00	7.21 pH	15.59 °C	441.63 µS/cm	3.72 mg/L	12.30 NTU	38.0 mV	31.05 ft	0.21 PSU	110.00 ml/min
2/19/2025 11:30 AM	01:00:00	7.21 pH	15.45 °C	441.23 µS/cm	3.72 mg/L	12.00 NTU	37.5 mV	31.05 ft	0.21 PSU	110.00 ml/min

2/19/2025 11:35 AM	01:05:00	7.21 pH	15.51 °C	440.76 µS/cm	3.74 mg/L	13.80 NTU	37.2 mV	31.05 ft	0.21 PSU	110.00 ml/min
2/19/2025 11:40 AM	01:10:00	7.21 pH	15.52 °C	443.94 µS/cm	3.79 mg/L	12.40 NTU	36.5 mV	31.04 ft	0.21 PSU	110.00 ml/min
2/19/2025 11:45 AM	01:15:00	7.21 pH	14.75 °C	441.75 µS/cm	3.84 mg/L	16.40 NTU	36.2 mV	31.03 ft	0.21 PSU	110.00 ml/min
2/19/2025 11:50 AM	01:20:00	7.22 pH	14.75 °C	441.96 µS/cm	3.82 mg/L	14.40 NTU	35.4 mV	31.01 ft	0.21 PSU	110.00 ml/min
2/19/2025 11:55 AM	01:25:00	7.22 pH	14.80 °C	443.11 µS/cm	3.83 mg/L	11.90 NTU	35.1 mV	31.00 ft	0.21 PSU	110.00 ml/min
2/19/2025 12:00 PM	01:30:00	7.22 pH	14.82 °C	442.50 µS/cm	3.82 mg/L	7.95 NTU	35.2 mV	30.99 ft	0.21 PSU	110.00 ml/min
2/19/2025 12:05 PM	01:35:00	7.22 pH	14.77 °C	443.63 µS/cm	3.82 mg/L	9.86 NTU	35.0 mV	30.97 ft	0.21 PSU	110.00 ml/min
2/19/2025 12:10 PM	01:40:00	7.22 pH	14.84 °C	441.07 µS/cm	3.81 mg/L	8.75 NTU	34.8 mV	30.96 ft	0.21 PSU	110.00 ml/min
2/19/2025 12:15 PM	01:45:00	7.22 pH	14.75 °C	442.17 µS/cm	3.83 mg/L	7.71 NTU	34.4 mV	30.95 ft	0.21 PSU	110.00 ml/min
2/19/2025 12:20 PM	01:50:00	7.22 pH	14.80 °C	442.26 µS/cm	3.84 mg/L	5.85 NTU	34.3 mV	30.94 ft	0.21 PSU	110.00 ml/min
2/19/2025 12:25 PM	01:55:00	7.22 pH	14.90 °C	442.86 µS/cm	3.84 mg/L	5.71 NTU	33.7 mV	30.93 ft	0.21 PSU	110.00 ml/min
2/19/2025 12:30 PM	02:00:00	7.21 pH	15.02 °C	442.47 µS/cm	3.85 mg/L	5.13 NTU	34.2 mV	30.92 ft	0.21 PSU	110.00 ml/min
2/19/2025 12:35 PM	02:05:00	7.22 pH	15.06 °C	440.62 µS/cm	3.84 mg/L	6.06 NTU	34.0 mV	30.90 ft	0.21 PSU	110.00 ml/min
2/19/2025 12:40 PM	02:10:00	7.22 pH	15.17 °C	440.38 µS/cm	3.83 mg/L	4.77 NTU	34.1 mV	30.88 ft	0.21 PSU	110.00 ml/min
2/19/2025 12:45 PM	02:15:00	7.22 pH	15.02 °C	441.41 µS/cm	3.84 mg/L	4.84 NTU	33.8 mV	30.88 ft	0.21 PSU	110.00 ml/min
2/19/2025 12:50 PM	02:20:00	7.22 pH	15.17 °C	440.93 µS/cm	3.86 mg/L	4.77 NTU	33.1 mV	30.87 ft	0.21 PSU	110.00 ml/min
2/19/2025 12:55 PM	02:25:00	7.22 pH	15.11 °C	441.24 µS/cm	3.86 mg/L	4.17 NTU	33.3 mV	30.87 ft	0.21 PSU	110.00 ml/min
2/19/2025 1:00 PM	02:30:00	7.23 pH	15.19 °C	440.36 µS/cm	3.83 mg/L	3.88 NTU	32.9 mV	30.87 ft	0.21 PSU	110.00 ml/min

Samples

Sample ID:	Description:
GWC-36RA	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 2/19/2025 11:20:39 AM
Project: Plant Bowen LF February 2025
Operator Name: Jay Siewert

Location Name: GWC-37 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 97.52 ft** **Total Depth: 107.52 ft** **Initial Depth to Water: 50.77 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 102.52 ft** **Estimated Total Volume Pumped: 10450 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 16.51 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850762**

Test Notes:
Pre-purged 8.5 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	+/- 10	
2/19/2025 11:20 AM	00:00	5.38 pH	15.91 °C	18.67 µS/cm	6.70 mg/L	0.57 NTU	149.5 mV	61.23 ft	0.01 PSU	180.00 ml/min
2/19/2025 11:25 AM	05:00	5.39 pH	16.22 °C	18.60 µS/cm	6.59 mg/L	0.26 NTU	142.3 mV	62.04 ft	0.01 PSU	180.00 ml/min
2/19/2025 11:30 AM	10:00	5.40 pH	16.22 °C	18.61 µS/cm	6.56 mg/L	0.58 NTU	160.1 mV	63.07 ft	0.01 PSU	180.00 ml/min
2/19/2025 11:35 AM	15:00	5.41 pH	16.20 °C	18.59 µS/cm	6.53 mg/L	0.27 NTU	134.1 mV	64.19 ft	0.01 PSU	180.00 ml/min
2/19/2025 11:40 AM	20:00	5.42 pH	16.23 °C	18.57 µS/cm	6.49 mg/L	0.32 NTU	151.4 mV	65.13 ft	0.01 PSU	180.00 ml/min
2/19/2025 11:45 AM	25:00	5.43 pH	15.23 °C	18.51 µS/cm	6.41 mg/L	0.40 NTU	148.1 mV	65.35 ft	0.01 PSU	110.00 ml/min
2/19/2025 11:50 AM	30:00	5.43 pH	15.01 °C	18.79 µS/cm	6.52 mg/L	0.70 NTU	145.1 mV	65.55 ft	0.01 PSU	110.00 ml/min
2/19/2025 11:55 AM	35:00	5.45 pH	15.19 °C	18.91 µS/cm	6.42 mg/L	0.29 NTU	142.3 mV	65.74 ft	0.01 PSU	110.00 ml/min
2/19/2025 12:00 PM	40:00	5.46 pH	15.10 °C	19.22 µS/cm	6.40 mg/L	0.59 NTU	139.7 mV	66.00 ft	0.01 PSU	110.00 ml/min
2/19/2025 12:05 PM	45:00	5.46 pH	15.06 °C	19.40 µS/cm	6.38 mg/L	0.48 NTU	137.6 mV	66.20 ft	0.01 PSU	110.00 ml/min
2/19/2025 12:10 PM	50:00	5.48 pH	15.23 °C	19.42 µS/cm	6.33 mg/L	0.44 NTU	134.9 mV	66.47 ft	0.01 PSU	110.00 ml/min
2/19/2025 12:15 PM	55:00	5.48 pH	15.23 °C	19.43 µS/cm	6.31 mg/L	0.43 NTU	132.9 mV	66.70 ft	0.01 PSU	110.00 ml/min
2/19/2025 12:20 PM	01:00:00	5.49 pH	15.13 °C	19.37 µS/cm	6.32 mg/L	0.29 NTU	130.8 mV	66.94 ft	0.01 PSU	110.00 ml/min
2/19/2025 12:25 PM	01:05:00	5.49 pH	15.19 °C	19.41 µS/cm	6.27 mg/L	0.43 NTU	129.2 mV	67.09 ft	0.01 PSU	110.00 ml/min
2/19/2025 12:30 PM	01:10:00	5.49 pH	15.01 °C	19.32 µS/cm	6.22 mg/L	0.40 NTU	127.5 mV	67.17 ft	0.01 PSU	100.00 ml/min

2/19/2025 12:35 PM	01:15:00	5.50 pH	14.70 °C	19.46 µS/cm	6.34 mg/L	0.36 NTU	125.8 mV	67.21 ft	0.01 PSU	100.00 ml/min
2/19/2025 12:40 PM	01:20:00	5.50 pH	15.01 °C	19.47 µS/cm	6.29 mg/L	0.36 NTU	124.6 mV	67.28 ft	0.01 PSU	100.00 ml/min

Samples

Sample ID:	Description:
GWC-37	Metals, Inorganics, Alkalinity, TDS
FD-06	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/19/2025 1:52:46 PM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-36A **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 95.1 ft** **Total Depth: 105.1 ft** **Initial Depth to Water: 29.05 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 100.1 ft** **Estimated Total Volume Pumped: 2200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 110 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/19/2025 1:52 PM	00:00	7.05 pH	14.13 °C	433.04 µS/cm	3.36 mg/L	0.91 NTU	47.3 mV	29.05 ft	0.21 PSU	110.00 ml/min
2/19/2025 1:57 PM	05:00	7.03 pH	14.16 °C	433.92 µS/cm	3.47 mg/L	0.32 NTU	29.3 mV	29.05 ft	0.21 PSU	110.00 ml/min
2/19/2025 2:02 PM	10:00	7.01 pH	14.11 °C	432.79 µS/cm	3.49 mg/L	1.06 NTU	28.9 mV	29.05 ft	0.21 PSU	110.00 ml/min
2/19/2025 2:07 PM	15:00	7.02 pH	13.92 °C	432.55 µS/cm	3.47 mg/L	0.92 NTU	28.2 mV	29.05 ft	0.21 PSU	110.00 ml/min
2/19/2025 2:12 PM	20:00	7.01 pH	13.86 °C	434.25 µS/cm	3.51 mg/L	0.76 NTU	28.7 mV	29.05 ft	0.21 PSU	110.00 ml/min

Samples

Sample ID:	Description:
GWC-36A	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/19/2025 3:07:14 PM
Project: Plant Bowen LF February 2025
Operator Name: Jay Siewert

Location Name: GWC-38 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 59.35 ft** **Total Depth: 69.35 ft** **Initial Depth to Water: 57.12 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 64.35 ft** **Estimated Total Volume Pumped: 3300 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 110 ml/min** **Final Draw Down: 1.13 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850762**

Test Notes:
Pre-purged 1 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	+/- 10	
2/19/2025 3:07 PM	00:00	5.45 pH	16.13 °C	38.42 µS/cm	7.55 mg/L	0.26 NTU	91.7 mV	57.72 ft	0.02 PSU	110.00 ml/min
2/19/2025 3:12 PM	05:00	5.39 pH	16.23 °C	36.52 µS/cm	7.43 mg/L	0.53 NTU	80.7 mV	57.81 ft	0.02 PSU	110.00 ml/min
2/19/2025 3:17 PM	10:00	5.37 pH	16.44 °C	36.10 µS/cm	7.36 mg/L	0.24 NTU	99.0 mV	57.93 ft	0.02 PSU	110.00 ml/min
2/19/2025 3:22 PM	15:00	5.36 pH	16.49 °C	35.72 µS/cm	7.35 mg/L	1.21 NTU	97.3 mV	58.04 ft	0.02 PSU	110.00 ml/min
2/19/2025 3:27 PM	20:00	5.35 pH	16.41 °C	35.10 µS/cm	7.36 mg/L	2.33 NTU	96.0 mV	58.11 ft	0.02 PSU	110.00 ml/min
2/19/2025 3:32 PM	25:00	5.35 pH	16.30 °C	35.05 µS/cm	7.39 mg/L	2.93 NTU	94.7 mV	58.18 ft	0.02 PSU	110.00 ml/min
2/19/2025 3:37 PM	30:00	5.36 pH	16.26 °C	35.14 µS/cm	7.34 mg/L	2.15 NTU	93.7 mV	58.25 ft	0.02 PSU	110.00 ml/min

Samples

Sample ID:	Description:
GWC-38	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 2/19/2025 3:24:43 PM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-18R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 130.1 ft** **Total Depth: 140.1 ft** **Initial Depth to Water: 71.59 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 135.1 ft** **Estimated Total Volume Pumped: 2600 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 130 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/19/2025 3:24 PM	00:00	7.70 pH	13.70 °C	281.83 µS/cm	6.49 mg/L	2.72 NTU	47.9 mV	71.59 ft	0.13 PSU	130.00 ml/min
2/19/2025 3:29 PM	05:00	7.77 pH	13.51 °C	282.54 µS/cm	6.76 mg/L	2.18 NTU	36.2 mV	71.59 ft	0.14 PSU	130.00 ml/min
2/19/2025 3:34 PM	10:00	7.79 pH	13.52 °C	281.58 µS/cm	6.82 mg/L	1.65 NTU	19.9 mV	71.59 ft	0.13 PSU	130.00 ml/min
2/19/2025 3:39 PM	15:00	7.81 pH	13.23 °C	280.71 µS/cm	6.81 mg/L	1.65 NTU	18.6 mV	71.59 ft	0.13 PSU	130.00 ml/min
2/19/2025 3:44 PM	20:00	7.80 pH	13.30 °C	281.70 µS/cm	6.87 mg/L	1.19 NTU	18.6 mV	71.59 ft	0.13 PSU	130.00 ml/min

Samples

Sample ID:	Description:
GWC-18R	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 2/20/2025 10:21:07 AM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-19R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 136.6 ft** **Total Depth: 146.6 ft** **Initial Depth to Water: 74.31 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 141.6 ft** **Estimated Total Volume Pumped: 11550 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 110 ml/min** **Final Draw Down: -0.03 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/20/2025 10:21 AM	00:00	7.70 pH	11.60 °C	282.51 µS/cm	6.34 mg/L	1.43 NTU	39.5 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 10:26 AM	05:00	7.70 pH	12.07 °C	281.72 µS/cm	6.33 mg/L	0.98 NTU	53.1 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 10:31 AM	10:00	7.73 pH	11.41 °C	280.42 µS/cm	6.30 mg/L	0.34 NTU	32.1 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 10:36 AM	15:00	7.72 pH	12.68 °C	280.99 µS/cm	6.30 mg/L	0.44 NTU	30.0 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 10:41 AM	20:00	7.72 pH	13.14 °C	279.17 µS/cm	6.23 mg/L	0.56 NTU	29.8 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 10:46 AM	25:00	7.73 pH	12.57 °C	280.63 µS/cm	6.28 mg/L	1.24 NTU	28.0 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 10:51 AM	30:00	7.74 pH	12.47 °C	280.22 µS/cm	6.29 mg/L	2.13 NTU	27.7 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 10:56 AM	35:00	7.74 pH	12.38 °C	281.36 µS/cm	6.33 mg/L	2.36 NTU	27.1 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 11:01 AM	40:00	7.75 pH	12.32 °C	281.07 µS/cm	6.33 mg/L	9.82 NTU	27.0 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 11:06 AM	45:00	7.74 pH	12.75 °C	282.11 µS/cm	6.40 mg/L	20.70 NTU	26.1 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 11:11 AM	50:00	7.74 pH	12.96 °C	279.48 µS/cm	6.28 mg/L	18.80 NTU	25.8 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 11:16 AM	55:00	7.74 pH	12.89 °C	280.95 µS/cm	6.34 mg/L	15.40 NTU	26.3 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 11:21 AM	01:00:00	7.74 pH	12.66 °C	280.97 µS/cm	6.35 mg/L	13.00 NTU	25.4 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 11:26 AM	01:05:00	7.76 pH	12.70 °C	280.43 µS/cm	6.34 mg/L	12.10 NTU	24.7 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 11:31 AM	01:10:00	7.76 pH	12.52 °C	280.48 µS/cm	6.37 mg/L	13.30 NTU	24.4 mV	74.28 ft	0.13 PSU	110.00 ml/min

2/20/2025 11:36 AM	01:15:00	7.75 pH	13.21 °C	279.73 µS/cm	6.29 mg/L	12.50 NTU	24.8 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 11:41 AM	01:20:00	7.75 pH	12.90 °C	279.64 µS/cm	6.30 mg/L	8.60 NTU	23.9 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 11:46 AM	01:25:00	7.76 pH	12.83 °C	280.15 µS/cm	6.38 mg/L	10.06 NTU	23.7 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 11:51 AM	01:30:00	7.76 pH	13.15 °C	277.73 µS/cm	6.28 mg/L	10.28 NTU	23.2 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 11:56 AM	01:35:00	7.76 pH	13.07 °C	278.60 µS/cm	6.32 mg/L	8.53 NTU	22.9 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 12:01 PM	01:40:00	7.76 pH	13.29 °C	279.41 µS/cm	6.36 mg/L	8.03 NTU	22.7 mV	74.28 ft	0.13 PSU	110.00 ml/min
2/20/2025 12:06 PM	01:45:00	7.76 pH	13.46 °C	279.81 µS/cm	6.37 mg/L	2.27 NTU	22.4 mV	74.28 ft	0.13 PSU	110.00 ml/min

Samples

Sample ID:	Description:
GWC-19R	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 2/20/2025 1:09:34 PM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-20R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 77.47 ft** **Total Depth: 87.47 ft** **Initial Depth to Water: 68.4 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 82.47 ft** **Estimated Total Volume Pumped: 4550 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 130 ml/min** **Final Draw Down: 0.11 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/20/2025 1:09 PM	00:00	7.88 pH	12.49 °C	302.22 µS/cm	6.12 mg/L	2.40 NTU	40.1 mV	68.51 ft	0.14 PSU	130.00 ml/min
2/20/2025 1:14 PM	05:00	7.83 pH	12.51 °C	313.44 µS/cm	6.14 mg/L	0.52 NTU	21.8 mV	68.51 ft	0.15 PSU	130.00 ml/min
2/20/2025 1:19 PM	10:00	7.79 pH	12.66 °C	323.37 µS/cm	6.22 mg/L	0.02 NTU	18.6 mV	68.51 ft	0.15 PSU	130.00 ml/min
2/20/2025 1:24 PM	15:00	7.76 pH	12.78 °C	330.00 µS/cm	6.32 mg/L	0.14 NTU	17.2 mV	68.51 ft	0.16 PSU	130.00 ml/min
2/20/2025 1:29 PM	20:00	7.72 pH	12.69 °C	334.93 µS/cm	6.37 mg/L	0.20 NTU	17.2 mV	68.51 ft	0.16 PSU	130.00 ml/min
2/20/2025 1:34 PM	25:00	7.70 pH	12.57 °C	339.11 µS/cm	6.44 mg/L	0.41 NTU	17.2 mV	68.51 ft	0.16 PSU	130.00 ml/min
2/20/2025 1:39 PM	30:00	7.69 pH	12.69 °C	341.47 µS/cm	6.51 mg/L	0.12 NTU	16.8 mV	68.51 ft	0.16 PSU	130.00 ml/min
2/20/2025 1:44 PM	35:00	7.68 pH	12.89 °C	342.23 µS/cm	6.54 mg/L	0.01 NTU	16.5 mV	68.51 ft	0.16 PSU	130.00 ml/min

Samples

Sample ID:	Description:
GWC-20R	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 2/20/2025 2:56:56 PM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-22R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 109.6 ft** **Total Depth: 119.6 ft** **Initial Depth to Water: 62.1 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 114.6 ft** **Estimated Total Volume Pumped: 7000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 1 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/20/2025 2:56 PM	00:00	6.93 pH	14.20 °C	341.24 µS/cm	0.45 mg/L	4.75 NTU	-83.1 mV	62.10 ft	0.16 PSU	100.00 ml/min
2/20/2025 3:01 PM	05:00	7.00 pH	14.05 °C	342.71 µS/cm	0.39 mg/L	6.69 NTU	-96.5 mV	62.10 ft	0.16 PSU	100.00 ml/min
2/20/2025 3:06 PM	10:00	7.05 pH	14.07 °C	340.43 µS/cm	0.37 mg/L	6.63 NTU	-103.5 mV	62.10 ft	0.16 PSU	100.00 ml/min
2/20/2025 3:11 PM	15:00	7.08 pH	14.04 °C	335.10 µS/cm	0.42 mg/L	3.72 NTU	-103.4 mV	62.10 ft	0.16 PSU	100.00 ml/min
2/20/2025 3:16 PM	20:00	7.14 pH	14.30 °C	324.77 µS/cm	0.61 mg/L	2.31 NTU	-96.5 mV	62.10 ft	0.16 PSU	100.00 ml/min
2/20/2025 3:21 PM	25:00	7.18 pH	14.15 °C	322.06 µS/cm	0.95 mg/L	2.96 NTU	-91.7 mV	62.10 ft	0.15 PSU	100.00 ml/min
2/20/2025 3:26 PM	30:00	7.23 pH	14.30 °C	315.91 µS/cm	1.29 mg/L	2.62 NTU	-87.0 mV	62.10 ft	0.15 PSU	100.00 ml/min
2/20/2025 3:31 PM	35:00	7.26 pH	14.23 °C	313.08 µS/cm	1.72 mg/L	2.12 NTU	-82.7 mV	62.10 ft	0.15 PSU	100.00 ml/min
2/20/2025 3:36 PM	40:00	7.30 pH	14.29 °C	309.52 µS/cm	2.13 mg/L	1.99 NTU	-79.1 mV	62.10 ft	0.15 PSU	100.00 ml/min
2/20/2025 3:41 PM	45:00	7.31 pH	14.33 °C	309.34 µS/cm	2.31 mg/L	1.50 NTU	-76.1 mV	62.10 ft	0.15 PSU	100.00 ml/min
2/20/2025 3:46 PM	50:00	7.32 pH	14.22 °C	307.39 µS/cm	2.47 mg/L	1.33 NTU	-72.9 mV	62.10 ft	0.15 PSU	100.00 ml/min
2/20/2025 3:51 PM	55:00	7.32 pH	14.19 °C	306.59 µS/cm	2.55 mg/L	0.92 NTU	-70.3 mV	62.10 ft	0.15 PSU	100.00 ml/min
2/20/2025 3:56 PM	01:00:00	7.30 pH	14.15 °C	305.62 µS/cm	2.51 mg/L	1.83 NTU	-67.7 mV	62.10 ft	0.15 PSU	100.00 ml/min
2/20/2025 4:01 PM	01:05:00	7.27 pH	14.04 °C	305.61 µS/cm	2.43 mg/L	1.28 NTU	-65.5 mV	62.10 ft	0.15 PSU	100.00 ml/min
2/20/2025 4:06 PM	01:10:00	7.26 pH	14.12 °C	303.75 µS/cm	2.38 mg/L	1.13 NTU	-64.1 mV	62.10 ft	0.15 PSU	100.00 ml/min

Samples

Sample ID:	Description:
GWC-22R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/20/2025 3:26:07 PM
Project: Plant Bowen LF February 2025
Operator Name: Jay Siewert

Location Name: GWC-18 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 70.31 ft** **Total Depth: 80.31 ft** **Initial Depth to Water: 70.17 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 79.31 ft** **Estimated Total Volume Pumped: 7000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: -0.02 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850762**

Test Notes:
Pre-purged 14 L. Water level historically drops below top of screen and does not go dry. Three well volume method initiated.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	+/- 10	
2/20/2025 3:26 PM	00:00	6.95 pH	14.23 °C	220.62 µS/cm	7.98 mg/L	0.57 NTU	51.8 mV	70.15 ft	0.10 PSU	200.00 ml/min
2/20/2025 3:31 PM	05:00	6.95 pH	14.52 °C	219.03 µS/cm	7.92 mg/L	0.67 NTU	43.9 mV	70.15 ft	0.10 PSU	200.00 ml/min
2/20/2025 3:36 PM	10:00	6.95 pH	14.47 °C	218.40 µS/cm	7.87 mg/L	0.69 NTU	41.2 mV	70.15 ft	0.10 PSU	200.00 ml/min
2/20/2025 3:41 PM	15:00	6.95 pH	14.69 °C	217.44 µS/cm	7.78 mg/L	0.63 NTU	39.1 mV	70.15 ft	0.10 PSU	200.00 ml/min
2/20/2025 3:46 PM	20:00	6.95 pH	14.61 °C	218.68 µS/cm	7.79 mg/L	0.71 NTU	37.3 mV	70.15 ft	0.10 PSU	200.00 ml/min
2/20/2025 3:51 PM	25:00	6.95 pH	14.89 °C	218.99 µS/cm	7.75 mg/L	0.55 NTU	35.8 mV	70.15 ft	0.10 PSU	200.00 ml/min
2/20/2025 3:56 PM	30:00	6.95 pH	14.88 °C	219.65 µS/cm	7.77 mg/L	0.63 NTU	34.7 mV	70.15 ft	0.10 PSU	200.00 ml/min
2/20/2025 4:01 PM	35:00	6.96 pH	14.77 °C	219.21 µS/cm	7.76 mg/L	0.54 NTU	33.6 mV	70.15 ft	0.10 PSU	200.00 ml/min

Samples

Sample ID:	Description:
GWC-18	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 2/24/2025 10:32:14 AM
Project: Plant Bowen LF February 2025
Operator Name: Jay Siewert

Location Name: GWC-16R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 88.12 ft** **Total Depth: 98.12 ft** **Initial Depth to Water: 81.76 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 93.12 ft** **Estimated Total Volume Pumped: 6400 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 160 ml/min** **Final Draw Down: 6.98 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850762**

Test Notes:
Pre-purged 3 L. Water level dropped into screen and below top of pump. Complete evac. initiated. Samples to be collected 2/25/25.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	+/- 10	
2/24/2025 10:32 AM	00:00	6.96 pH	15.52 °C	602.33 µS/cm	3.43 mg/L	1.28 NTU	167.3 mV	84.78 ft	0.29 PSU	160.00 ml/min
2/24/2025 10:37 AM	05:00	6.96 pH	15.74 °C	599.50 µS/cm	3.44 mg/L	1.48 NTU	175.6 mV	85.34 ft	0.29 PSU	160.00 ml/min
2/24/2025 10:42 AM	10:00	6.97 pH	15.87 °C	600.05 µS/cm	3.73 mg/L	1.34 NTU	153.6 mV	86.25 ft	0.29 PSU	160.00 ml/min
2/24/2025 10:47 AM	15:00	6.98 pH	15.91 °C	599.69 µS/cm	3.98 mg/L	1.25 NTU	147.7 mV	87.01 ft	0.29 PSU	160.00 ml/min
2/24/2025 10:52 AM	20:00	6.98 pH	16.00 °C	599.53 µS/cm	4.13 mg/L	1.02 NTU	142.2 mV	88.05 ft	0.29 PSU	160.00 ml/min
2/24/2025 10:57 AM	25:00	6.98 pH	16.03 °C	598.01 µS/cm	4.20 mg/L	1.17 NTU	137.0 mV	88.74 ft	0.29 PSU	160.00 ml/min
2/24/2025 11:02 AM	30:00	6.98 pH	16.14 °C	597.05 µS/cm	4.39 mg/L	1.01 NTU	132.3 mV	88.74 ft	0.29 PSU	160.00 ml/min
2/24/2025 11:07 AM	35:00	6.98 pH	16.18 °C	593.64 µS/cm	5.25 mg/L	1.95 NTU	148.5 mV	88.74 ft	0.29 PSU	160.00 ml/min
2/24/2025 11:12 AM	40:00	6.98 pH	16.27 °C	596.99 µS/cm	5.69 mg/L	5.30 NTU	123.8 mV	88.74 ft	0.29 PSU	160.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/24/2025 11:45:17 AM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-24R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 30.11 ft** **Total Depth: 40.11 ft** **Initial Depth to Water: 21.93 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 35.11 ft** **Estimated Total Volume Pumped: 6600 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 110 ml/min** **Final Draw Down: 0.63 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/24/2025 11:45 AM	00:00	7.52 pH	14.86 °C	272.16 µS/cm	3.48 mg/L	0.42 NTU	51.2 mV	22.40 ft	0.13 PSU	110.00 ml/min
2/24/2025 11:50 AM	05:00	7.56 pH	14.71 °C	270.97 µS/cm	4.08 mg/L	0.40 NTU	46.6 mV	22.40 ft	0.13 PSU	110.00 ml/min
2/24/2025 11:55 AM	10:00	7.59 pH	14.42 °C	270.16 µS/cm	4.45 mg/L	0.43 NTU	43.6 mV	22.40 ft	0.13 PSU	110.00 ml/min
2/24/2025 12:00 PM	15:00	7.61 pH	14.70 °C	271.35 µS/cm	4.83 mg/L	0.28 NTU	39.8 mV	22.40 ft	0.13 PSU	110.00 ml/min
2/24/2025 12:05 PM	20:00	7.61 pH	14.88 °C	271.12 µS/cm	4.48 mg/L	0.34 NTU	37.8 mV	22.40 ft	0.13 PSU	110.00 ml/min
2/24/2025 12:10 PM	25:00	7.59 pH	14.71 °C	271.21 µS/cm	4.53 mg/L	0.38 NTU	38.7 mV	22.40 ft	0.13 PSU	110.00 ml/min
2/24/2025 12:15 PM	30:00	7.58 pH	15.25 °C	270.64 µS/cm	4.49 mg/L	0.42 NTU	32.6 mV	22.63 ft	0.13 PSU	110.00 ml/min
2/24/2025 12:20 PM	35:00	7.56 pH	15.11 °C	274.03 µS/cm	3.98 mg/L	0.38 NTU	26.6 mV	22.57 ft	0.13 PSU	110.00 ml/min
2/24/2025 12:25 PM	40:00	7.59 pH	15.22 °C	272.62 µS/cm	4.46 mg/L	0.37 NTU	21.5 mV	22.57 ft	0.13 PSU	110.00 ml/min
2/24/2025 12:30 PM	45:00	7.60 pH	15.31 °C	272.27 µS/cm	4.56 mg/L	0.20 NTU	18.1 mV	22.57 ft	0.13 PSU	110.00 ml/min
2/24/2025 12:35 PM	50:00	7.61 pH	15.29 °C	271.46 µS/cm	4.65 mg/L	0.40 NTU	14.9 mV	22.56 ft	0.13 PSU	110.00 ml/min
2/24/2025 12:40 PM	55:00	7.61 pH	15.34 °C	271.19 µS/cm	4.67 mg/L	0.25 NTU	12.6 mV	22.56 ft	0.13 PSU	110.00 ml/min
2/24/2025 12:45 PM	01:00:00	7.60 pH	15.37 °C	271.61 µS/cm	4.64 mg/L	0.25 NTU	9.9 mV	22.56 ft	0.13 PSU	110.00 ml/min

Samples

Sample ID:	Description:
GWC-24R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/24/2025 12:54:04 PM
Project: Plant Bowen LF February 2025
Operator Name: Jay Siewert

Location Name: GWC-17R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 82.93 ft** **Total Depth: 92.93 ft** **Initial Depth to Water: 81.76 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 87.93 ft** **Estimated Total Volume Pumped: 2200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 110 ml/min** **Final Draw Down: 2.14 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850762**

Test Notes:
Pre-purged 2 L
WL entered screen and dropped below top of pump. Complete evac. Method initiated. Samples to be collected 2/25/25.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	+/- 10	
2/24/2025 12:54 PM	00:00	7.19 pH	18.59 °C	565.58 µS/cm	7.24 mg/L	1.72 NTU	73.1 mV	83.27 ft	0.28 PSU	110.00 ml/min
2/24/2025 12:59 PM	05:00	7.19 pH	18.50 °C	566.28 µS/cm	7.15 mg/L	0.76 NTU	66.4 mV	83.59 ft	0.28 PSU	110.00 ml/min
2/24/2025 1:04 PM	10:00	7.19 pH	18.29 °C	566.32 µS/cm	7.17 mg/L	1.06 NTU	62.8 mV	83.90 ft	0.28 PSU	110.00 ml/min
2/24/2025 1:09 PM	15:00	7.18 pH	18.02 °C	567.53 µS/cm	7.26 mg/L	1.54 NTU	59.8 mV	83.90 ft	0.28 PSU	110.00 ml/min
2/24/2025 1:14 PM	20:00	7.18 pH	17.92 °C	568.13 µS/cm	7.35 mg/L	1.52 NTU	56.7 mV	83.90 ft	0.28 PSU	110.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/24/2025 2:29:11 PM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-23R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 39.57 ft** **Total Depth: 49.57 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 44.57 ft** **Estimated Total Volume Pumped: 5500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 110 ml/min**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 1 L. Historically complete evac. DTW fell into screen interval. Complete evac initiated. Blank readings are below top of pump.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/24/2025 2:29 PM	00:00	7.18 pH	16.32 °C	612.70 µS/cm	3.58 mg/L	0.45 NTU	38.9 mV	38.40 ft	0.30 PSU	110.00 ml/min
2/24/2025 2:34 PM	05:00	7.17 pH	16.32 °C	614.20 µS/cm	3.26 mg/L	0.55 NTU	38.6 mV	39.13 ft	0.30 PSU	110.00 ml/min
2/24/2025 2:39 PM	10:00	7.17 pH	16.28 °C	612.95 µS/cm	3.17 mg/L	0.40 NTU	38.6 mV	39.60 ft	0.30 PSU	110.00 ml/min
2/24/2025 2:44 PM	15:00	7.17 pH	16.28 °C	614.54 µS/cm	3.30 mg/L	0.39 NTU	38.4 mV	39.87 ft	0.30 PSU	110.00 ml/min
2/24/2025 2:49 PM	20:00	7.18 pH	16.23 °C	614.14 µS/cm	3.43 mg/L	0.53 NTU	38.6 mV	39.92 ft	0.30 PSU	110.00 ml/min
2/24/2025 2:54 PM	25:00	7.18 pH	16.20 °C	618.21 µS/cm	3.91 mg/L	1.09 NTU	39.2 mV	39.96 ft	0.30 PSU	110.00 ml/min
2/24/2025 2:59 PM	30:00	7.19 pH	16.25 °C	633.12 µS/cm	4.83 mg/L	0.92 NTU	40.9 mV	39.99 ft	0.31 PSU	110.00 ml/min
2/24/2025 3:04 PM	35:00	7.21 pH	16.43 °C	697.91 µS/cm	5.46 mg/L	1.07 NTU	47.5 mV	40.55 ft	0.34 PSU	110.00 ml/min
2/24/2025 3:09 PM	40:00	7.22 pH	16.45 °C	712.00 µS/cm	5.80 mg/L	0.50 NTU	47.5 mV		0.35 PSU	110.00 ml/min
2/24/2025 3:14 PM	45:00	7.21 pH	16.45 °C	657.92 µS/cm	6.16 mg/L	1.30 NTU	42.0 mV		0.32 PSU	110.00 ml/min
2/24/2025 3:19 PM	50:00	7.18 pH	16.45 °C	639.27 µS/cm	5.40 mg/L	0.46 NTU	40.1 mV		0.31 PSU	110.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/24/2025 2:48:26 PM
Project: Plant Bowen LF February 2025
Operator Name: Jay Siewert

Location Name: GWC-21R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 80.59 ft** **Total Depth: 90.59 ft** **Initial Depth to Water: 68.65 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 85.59 ft** **Estimated Total Volume Pumped: 13200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 110 ml/min** **Final Draw Down: 12.1 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850762**

Test Notes:
Pre-purged 4 L. Water level did not stabilize and dropped below top of screen. Complete evacuation performed. Samples to be collected 2/25/25.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	+/- 10	
2/24/2025 2:48 PM	00:00	7.19 pH	16.99 °C	577.87 µS/cm	5.80 mg/L	0.50 NTU	41.2 mV	72.80 ft	0.28 PSU	110.00 ml/min
2/24/2025 2:53 PM	05:00	7.19 pH	17.03 °C	574.47 µS/cm	5.97 mg/L	0.32 NTU	34.8 mV	73.30 ft	0.28 PSU	110.00 ml/min
2/24/2025 2:58 PM	10:00	7.19 pH	17.11 °C	570.63 µS/cm	6.11 mg/L	0.31 NTU	32.7 mV	73.71 ft	0.28 PSU	110.00 ml/min
2/24/2025 3:03 PM	15:00	7.20 pH	17.29 °C	568.98 µS/cm	6.17 mg/L	0.27 NTU	31.4 mV	74.10 ft	0.28 PSU	110.00 ml/min
2/24/2025 3:08 PM	20:00	7.20 pH	17.27 °C	571.82 µS/cm	6.22 mg/L	0.35 NTU	30.1 mV	74.52 ft	0.28 PSU	110.00 ml/min
2/24/2025 3:13 PM	25:00	7.20 pH	17.29 °C	570.65 µS/cm	6.21 mg/L	0.34 NTU	29.1 mV	75.00 ft	0.28 PSU	110.00 ml/min
2/24/2025 3:18 PM	30:00	7.20 pH	17.25 °C	570.70 µS/cm	6.23 mg/L	0.25 NTU	28.2 mV	75.38 ft	0.28 PSU	110.00 ml/min
2/24/2025 3:23 PM	35:00	7.20 pH	17.22 °C	570.07 µS/cm	6.21 mg/L	0.31 NTU	26.9 mV	75.74 ft	0.28 PSU	110.00 ml/min
2/24/2025 3:28 PM	40:00	7.20 pH	17.20 °C	569.82 µS/cm	6.25 mg/L	0.28 NTU	25.1 mV	75.74 ft	0.28 PSU	110.00 ml/min
2/24/2025 3:33 PM	45:00	7.20 pH	17.17 °C	569.67 µS/cm	6.23 mg/L	0.30 NTU	23.3 mV	76.13 ft	0.28 PSU	110.00 ml/min
2/24/2025 3:38 PM	50:00	7.20 pH	17.25 °C	567.80 µS/cm	6.14 mg/L	0.30 NTU	29.5 mV	76.34 ft	0.28 PSU	110.00 ml/min
2/24/2025 3:43 PM	55:00	7.20 pH	17.26 °C	569.11 µS/cm	6.11 mg/L	0.32 NTU	20.7 mV	76.60 ft	0.28 PSU	110.00 ml/min
2/24/2025 3:48 PM	01:00:00	7.20 pH	17.28 °C	568.66 µS/cm	6.18 mg/L	0.31 NTU	19.9 mV	76.88 ft	0.28 PSU	110.00 ml/min
2/24/2025 3:53 PM	01:05:00	7.20 pH	17.27 °C	569.22 µS/cm	6.15 mg/L	0.27 NTU	19.5 mV	77.14 ft	0.28 PSU	110.00 ml/min
2/24/2025 3:58 PM	01:10:00	7.20 pH	17.27 °C	569.02 µS/cm	5.93 mg/L	0.29 NTU	19.4 mV	77.44 ft	0.28 PSU	110.00 ml/min

2/24/2025 4:03 PM	01:15:00	7.20 pH	17.23 °C	569.92 µS/cm	5.88 mg/L	0.33 NTU	19.4 mV	77.71 ft	0.28 PSU	110.00 ml/min
2/24/2025 4:08 PM	01:20:00	7.20 pH	17.16 °C	569.17 µS/cm	5.94 mg/L	0.33 NTU	25.6 mV	78.05 ft	0.28 PSU	110.00 ml/min
2/24/2025 4:13 PM	01:25:00	7.20 pH	17.16 °C	569.64 µS/cm	6.10 mg/L	0.38 NTU	20.0 mV	78.40 ft	0.28 PSU	110.00 ml/min
2/24/2025 4:18 PM	01:30:00	7.20 pH	17.16 °C	563.69 µS/cm	6.25 mg/L	0.34 NTU	19.9 mV	78.65 ft	0.28 PSU	110.00 ml/min
2/24/2025 4:23 PM	01:35:00	7.20 pH	17.13 °C	552.30 µS/cm	6.30 mg/L	0.32 NTU	18.8 mV	78.90 ft	0.27 PSU	110.00 ml/min
2/24/2025 4:28 PM	01:40:00	7.21 pH	17.14 °C	539.58 µS/cm	6.34 mg/L	0.28 NTU	17.4 mV	79.17 ft	0.26 PSU	110.00 ml/min
2/24/2025 4:33 PM	01:45:00	7.21 pH	17.12 °C	528.96 µS/cm	6.41 mg/L	0.29 NTU	16.5 mV	79.90 ft	0.26 PSU	110.00 ml/min
2/24/2025 4:38 PM	01:50:00	7.21 pH	17.16 °C	520.67 µS/cm	6.49 mg/L	0.28 NTU	16.1 mV	80.20 ft	0.25 PSU	110.00 ml/min
2/24/2025 4:43 PM	01:55:00	7.21 pH	17.16 °C	508.13 µS/cm	6.51 mg/L	0.19 NTU	21.0 mV	80.61 ft	0.25 PSU	110.00 ml/min
2/24/2025 4:48 PM	02:00:00	7.21 pH	17.12 °C	502.18 µS/cm	6.59 mg/L	0.18 NTU	15.3 mV	80.75 ft	0.24 PSU	110.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 10:11:32 AM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-25R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 89.97 ft** **Total Depth: 99.97 ft** **Initial Depth to Water: 21.1 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 94.97 ft** **Estimated Total Volume Pumped: 3200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 160 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/25/2025 10:11 AM	00:00	7.66 pH	14.97 °C	339.45 µS/cm	7.15 mg/L	0.41 NTU	63.8 mV	21.10 ft	0.16 PSU	160.00 ml/min
2/25/2025 10:16 AM	05:00	7.67 pH	14.97 °C	338.01 µS/cm	7.13 mg/L	0.13 NTU	55.0 mV	21.10 ft	0.16 PSU	160.00 ml/min
2/25/2025 10:21 AM	10:00	7.68 pH	15.03 °C	338.71 µS/cm	7.08 mg/L	0.12 NTU	52.6 mV	21.10 ft	0.16 PSU	160.00 ml/min
2/25/2025 10:26 AM	15:00	7.68 pH	15.06 °C	338.50 µS/cm	7.00 mg/L	0.08 NTU	50.9 mV	21.10 ft	0.16 PSU	160.00 ml/min
2/25/2025 10:31 AM	20:00	7.68 pH	15.19 °C	338.46 µS/cm	7.00 mg/L	0.04 NTU	50.0 mV	21.10 ft	0.16 PSU	160.00 ml/min

Samples

Sample ID:	Description:
GWC-25R	Metals, Inorganics, Alkalinity, TDS
FD-07	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 2/25/2025 10:12:58 AM
Project: Plant Bowen LF February 2025
Operator Name: Natalie Piparo

Location Name: GWC-16R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 88.12 ft** **Total Depth: 98.12 ft** **Initial Depth to Water: 87.59 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 93.12 ft** **Estimated Total Volume Pumped: 250 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 0.48 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 843285**

Test Notes:
Complete evacuation performed 2/24/25.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/25/2025 10:12 AM	00:00	6.86 pH	13.52 °C	614.12 µS/cm	6.22 mg/L	1.46 NTU	191.0 mV	88.07 ft	0.30 PSU	125.00 ml/min
2/25/2025 10:13 AM	01:00	6.84 pH	13.84 °C	586.38 µS/cm	6.10 mg/L		171.2 mV	88.07 ft	0.29 PSU	125.00 ml/min
2/25/2025 10:14 AM	02:00	6.81 pH	14.28 °C	586.99 µS/cm	6.40 mg/L	1.46 NTU	179.7 mV	88.07 ft	0.29 PSU	125.00 ml/min

Samples

Sample ID:	Description:
GWC-16R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 11:58:42 AM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-23R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 39.57 ft** **Total Depth: 49.57 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 44.57 ft** **Estimated Total Volume Pumped: 200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.37 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Complete evac performed 2/24/25.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/25/2025 11:58 AM	00:00	7.29 pH	15.70 °C	791.74 µS/cm	6.41 mg/L	0.32 NTU	75.3 mV	39.15 ft	0.39 PSU	100.00 ml/min
2/25/2025 11:59 AM	01:00	7.27 pH	15.92 °C	745.95 µS/cm	6.51 mg/L		69.6 mV	39.15 ft	0.37 PSU	100.00 ml/min
2/25/2025 12:00 PM	02:00	7.25 pH	16.13 °C	714.21 µS/cm	6.44 mg/L	0.32 NTU	89.2 mV	39.15 ft	0.35 PSU	100.00 ml/min

Samples

Sample ID:	Description:
GWC-23R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 12:08:44 PM
Project: Plant Bowen LF February 2025
Operator Name: Natalie Piparo

Location Name: GWC-17R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 82.93 ft** **Total Depth: 92.93 ft** **Initial Depth to Water: 82.75 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 87.93 ft** **Estimated Total Volume Pumped: 200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.44 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 843285**

Test Notes:
Complete evacuation performed 2/24/25.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/25/2025 12:08 PM	00:00	7.17 pH	23.06 °C	521.96 µS/cm	6.40 mg/L	0.08 NTU	127.7 mV	83.19 ft	0.25 PSU	100.00 ml/min
2/25/2025 12:09 PM	01:00	7.11 pH	21.61 °C	535.69 µS/cm	6.73 mg/L		123.3 mV	83.19 ft	0.26 PSU	100.00 ml/min
2/25/2025 12:10 PM	02:00	7.06 pH	20.86 °C	543.77 µS/cm	6.99 mg/L	0.08 NTU	120.2 mV	83.19 ft	0.27 PSU	100.00 ml/min

Samples

Sample ID:	Description:
GWC-17R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 1:48:28 PM
Project: Plant Bowen LF February 2025
Operator Name: Natalie Piparo

Location Name: GWC-21R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 80.59 ft** **Total Depth: 90.59 ft** **Initial Depth to Water: 68.7 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 85.59 ft** **Estimated Total Volume Pumped: 200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.74 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 843285**

Test Notes:
Complete evacuation performed 2/24/25.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/25/2025 1:48 PM	00:00	7.98 pH	31.03 °C	407.32 µS/cm	5.58 mg/L	0.01 NTU	107.0 mV	69.44 ft	0.20 PSU	100.00 ml/min
2/25/2025 1:49 PM	01:00	7.78 pH	26.31 °C	428.64 µS/cm	5.95 mg/L		102.4 mV	69.44 ft	0.21 PSU	100.00 ml/min
2/25/2025 1:50 PM	02:00	7.58 pH	23.42 °C	447.84 µS/cm	6.43 mg/L	0.01 NTU	109.0 mV	69.44 ft	0.22 PSU	100.00 ml/min

Samples

Sample ID:	Description:
GWC-21R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 10:19:41 AM
Project: Plant Bowen LF February 2025
Operator Name: Kyle Rhyne

Location Name: GWA-41R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 121.05 ft** **Total Depth: 131.05 ft** **Initial Depth to Water: 76.98 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 126.05 ft** **Estimated Total Volume Pumped: 3875 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 155 ml/min** **Final Draw Down: 0.2 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 980712**

Test Notes:
Pre-Purged 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 0.2	+/- 5	+/- 1000	+/- 0.3	
2/25/2025 10:19 AM	00:00	7.10 pH	14.30 °C	304.70 µS/cm	1.46 mg/L	6.10 NTU	2.7 mV	77.24 ft	155.00 ml/min
2/25/2025 10:24 AM	05:00	6.65 pH	15.70 °C	265.52 µS/cm	0.19 mg/L	3.31 NTU	-17.6 mV	77.22 ft	155.00 ml/min
2/25/2025 10:29 AM	10:00	6.58 pH	15.92 °C	261.56 µS/cm	0.14 mg/L	2.34 NTU	-8.0 mV	77.19 ft	155.00 ml/min
2/25/2025 10:34 AM	15:00	6.59 pH	16.01 °C	260.85 µS/cm	0.12 mg/L	2.59 NTU	-7.6 mV	77.18 ft	155.00 ml/min
2/25/2025 10:39 AM	20:00	6.60 pH	16.10 °C	260.27 µS/cm	0.11 mg/L	2.60 NTU	-5.2 mV	77.19 ft	155.00 ml/min
2/25/2025 10:44 AM	25:00	6.63 pH	16.24 °C	261.84 µS/cm	0.11 mg/L	2.56 NTU	-2.0 mV	77.18 ft	155.00 ml/min

Samples

Sample ID:	Description:
GWA-41R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 11:46:14 AM
Project: Plant Bowen LF February 2025
Operator Name: Kyle Rhyne

Location Name: GWA-41 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 92.05 ft** **Total Depth: 102.5 ft** **Initial Depth to Water: 76.29 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 97.05 ft** **Estimated Total Volume Pumped: 6975 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 155 ml/min** **Final Draw Down: 0.02 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 980712**

Test Notes:
Pre-Purged 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 0.2	+/- 5	+/- 1000	+/- 0.3	
2/25/2025 11:46 AM	00:00	6.89 pH	25.71 °C	150.04 µS/cm	4.85 mg/L	0.28 NTU	50.7 mV	76.32 ft	155.00 ml/min
2/25/2025 11:51 AM	05:00	6.66 pH	18.57 °C	174.95 µS/cm	5.18 mg/L	1.78 NTU	39.7 mV	76.32 ft	155.00 ml/min
2/25/2025 11:56 AM	10:00	6.63 pH	18.17 °C	177.53 µS/cm	5.04 mg/L	2.63 NTU	58.5 mV	76.31 ft	155.00 ml/min
2/25/2025 12:01 PM	15:00	6.64 pH	18.27 °C	185.76 µS/cm	4.90 mg/L	2.20 NTU	40.0 mV	76.31 ft	155.00 ml/min
2/25/2025 12:06 PM	20:00	6.67 pH	18.25 °C	197.92 µS/cm	4.76 mg/L	1.71 NTU	36.9 mV	76.30 ft	155.00 ml/min
2/25/2025 12:11 PM	25:00	6.69 pH	18.32 °C	208.12 µS/cm	4.67 mg/L	2.03 NTU	32.9 mV	76.32 ft	155.00 ml/min
2/25/2025 12:16 PM	30:00	6.73 pH	18.42 °C	213.54 µS/cm	4.62 mg/L	2.20 NTU	30.0 mV	76.32 ft	155.00 ml/min
2/25/2025 12:21 PM	35:00	6.75 pH	18.42 °C	218.19 µS/cm	4.67 mg/L	2.23 NTU	29.8 mV	76.31 ft	155.00 ml/min
2/25/2025 12:26 PM	40:00	6.78 pH	18.43 °C	221.11 µS/cm	4.73 mg/L	2.20 NTU	29.1 mV	76.32 ft	155.00 ml/min
2/25/2025 12:31 PM	45:00	6.80 pH	18.45 °C	224.95 µS/cm	4.77 mg/L	1.99 NTU	29.1 mV	76.31 ft	155.00 ml/min

Samples

Sample ID:	Description:
GWA-41	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 1:02:23 PM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWA-43R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 104.58 ft** **Total Depth: 114.58 ft** **Initial Depth to Water: 49.65 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 109.58 ft** **Estimated Total Volume Pumped: 2500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.07 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/25/2025 1:02 PM	00:00	7.78 pH	16.98 °C	306.69 µS/cm	7.31 mg/L	0.71 NTU	51.9 mV	49.72 ft	0.15 PSU	100.00 ml/min
2/25/2025 1:07 PM	05:00	7.79 pH	16.93 °C	305.47 µS/cm	7.37 mg/L	1.35 NTU	64.2 mV	49.72 ft	0.15 PSU	100.00 ml/min
2/25/2025 1:12 PM	10:00	7.78 pH	17.08 °C	305.73 µS/cm	7.44 mg/L	3.91 NTU	45.8 mV	49.72 ft	0.15 PSU	100.00 ml/min
2/25/2025 1:17 PM	15:00	7.78 pH	17.26 °C	304.31 µS/cm	7.49 mg/L	4.99 NTU	44.4 mV	49.72 ft	0.15 PSU	100.00 ml/min
2/25/2025 1:22 PM	20:00	7.78 pH	17.26 °C	304.12 µS/cm	7.55 mg/L	4.61 NTU	43.5 mV	49.72 ft	0.15 PSU	100.00 ml/min
2/25/2025 1:27 PM	25:00	7.77 pH	17.45 °C	304.49 µS/cm	7.62 mg/L	4.04 NTU	42.8 mV	49.72 ft	0.15 PSU	100.00 ml/min

Samples

Sample ID:	Description:
GWA-43R	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 2/25/2025 2:02:19 PM
Project: Plant Bowen LF February 2025
Operator Name: Jay Siewert

Location Name: GWA-39Z **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 107.54 ft** **Total Depth: 117.54 ft** **Initial Depth to Water: 64.86 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 112.54 ft** **Estimated Total Volume Pumped: 13650 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 130 ml/min** **Final Draw Down: 0.33 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850762**

Test Notes:
Pre-purged 3 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	+/- 10	
2/25/2025 2:02 PM	00:00	6.38 pH	16.41 °C	69.38 µS/cm	8.53 mg/L	0.77 NTU	88.1 mV	65.16 ft	0.03 PSU	130.00 ml/min
2/25/2025 2:07 PM	05:00	6.32 pH	16.81 °C	70.26 µS/cm	8.53 mg/L	0.84 NTU	80.3 mV	65.17 ft	0.03 PSU	130.00 ml/min
2/25/2025 2:12 PM	10:00	6.30 pH	17.07 °C	72.46 µS/cm	8.51 mg/L	0.84 NTU	76.9 mV	65.18 ft	0.03 PSU	130.00 ml/min
2/25/2025 2:17 PM	15:00	6.30 pH	17.06 °C	75.45 µS/cm	8.52 mg/L	0.75 NTU	104.1 mV	65.18 ft	0.03 PSU	130.00 ml/min
2/25/2025 2:22 PM	20:00	6.31 pH	16.96 °C	78.62 µS/cm	8.49 mg/L	0.69 NTU	100.9 mV	65.18 ft	0.04 PSU	130.00 ml/min
2/25/2025 2:27 PM	25:00	6.33 pH	16.96 °C	82.19 µS/cm	8.48 mg/L	0.68 NTU	97.6 mV	65.18 ft	0.04 PSU	130.00 ml/min
2/25/2025 2:32 PM	30:00	6.35 pH	16.99 °C	86.14 µS/cm	8.47 mg/L	0.70 NTU	94.5 mV	65.18 ft	0.04 PSU	130.00 ml/min
2/25/2025 2:37 PM	35:00	6.38 pH	17.08 °C	90.24 µS/cm	8.41 mg/L	0.69 NTU	64.7 mV	65.18 ft	0.04 PSU	130.00 ml/min
2/25/2025 2:42 PM	40:00	6.40 pH	17.25 °C	94.53 µS/cm	8.36 mg/L	0.68 NTU	87.5 mV	65.19 ft	0.04 PSU	130.00 ml/min
2/25/2025 2:47 PM	45:00	6.42 pH	17.25 °C	99.08 µS/cm	8.33 mg/L	0.74 NTU	85.0 mV	65.19 ft	0.05 PSU	130.00 ml/min
2/25/2025 2:52 PM	50:00	6.45 pH	17.29 °C	103.39 µS/cm	8.41 mg/L	0.72 NTU	58.8 mV	65.19 ft	0.05 PSU	130.00 ml/min
2/25/2025 2:57 PM	55:00	6.47 pH	17.57 °C	107.92 µS/cm	8.33 mg/L	0.71 NTU	79.4 mV	65.19 ft	0.05 PSU	130.00 ml/min
2/25/2025 3:02 PM	01:00:00	6.49 pH	17.61 °C	113.40 µS/cm	8.33 mg/L	0.69 NTU	55.1 mV	65.19 ft	0.05 PSU	130.00 ml/min
2/25/2025 3:07 PM	01:05:00	6.52 pH	17.46 °C	117.75 µS/cm	8.29 mg/L	0.69 NTU	53.1 mV	65.19 ft	0.06 PSU	130.00 ml/min
2/25/2025 3:12 PM	01:10:00	6.54 pH	17.25 °C	121.96 µS/cm	8.26 mg/L	0.68 NTU	51.4 mV	65.19 ft	0.06 PSU	130.00 ml/min

2/25/2025 3:17 PM	01:15:00	6.56 pH	17.16 °C	126.24 µS/cm	8.22 mg/L	0.69 NTU	67.9 mV	65.19 ft	0.06 PSU	130.00 ml/min
2/25/2025 3:22 PM	01:20:00	6.58 pH	17.12 °C	130.54 µS/cm	8.25 mg/L	0.66 NTU	49.0 mV	65.19 ft	0.06 PSU	130.00 ml/min
2/25/2025 3:27 PM	01:25:00	6.60 pH	17.07 °C	134.17 µS/cm	8.21 mg/L	0.73 NTU	46.8 mV	65.19 ft	0.06 PSU	130.00 ml/min
2/25/2025 3:32 PM	01:30:00	6.62 pH	17.03 °C	136.83 µS/cm	8.17 mg/L	0.85 NTU	61.6 mV	65.19 ft	0.06 PSU	130.00 ml/min
2/25/2025 3:37 PM	01:35:00	6.63 pH	16.92 °C	140.81 µS/cm	8.16 mg/L	0.71 NTU	44.5 mV	65.19 ft	0.07 PSU	130.00 ml/min
2/25/2025 3:42 PM	01:40:00	6.65 pH	16.87 °C	142.67 µS/cm	8.12 mg/L	0.68 NTU	58.2 mV	65.19 ft	0.07 PSU	130.00 ml/min
2/25/2025 3:47 PM	01:45:00	6.66 pH	16.90 °C	145.78 µS/cm	8.10 mg/L	0.61 NTU	57.3 mV	65.19 ft	0.07 PSU	130.00 ml/min

Samples

Sample ID:	Description:
GWA-39Z	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 2:03:45 PM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWA-43 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 82.53 ft** **Total Depth: 92.53 ft** **Initial Depth to Water: 49.22 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 87.53 ft** **Estimated Total Volume Pumped: 2000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.18 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/25/2025 2:03 PM	00:00	5.25 pH	17.71 °C	24.58 µS/cm	6.89 mg/L	3.55 NTU	116.5 mV	49.40 ft	0.01 PSU	100.00 ml/min
2/25/2025 2:08 PM	05:00	5.25 pH	17.65 °C	24.26 µS/cm	7.07 mg/L	4.19 NTU	140.0 mV	49.40 ft	0.01 PSU	100.00 ml/min
2/25/2025 2:13 PM	10:00	5.26 pH	17.68 °C	24.10 µS/cm	7.09 mg/L	3.84 NTU	141.0 mV	49.40 ft	0.01 PSU	100.00 ml/min
2/25/2025 2:18 PM	15:00	5.28 pH	17.37 °C	24.14 µS/cm	7.13 mg/L	3.36 NTU	140.9 mV	49.40 ft	0.01 PSU	100.00 ml/min
2/25/2025 2:23 PM	20:00	5.28 pH	17.21 °C	24.42 µS/cm	7.21 mg/L	2.13 NTU	141.2 mV	49.40 ft	0.01 PSU	100.00 ml/min

Samples

Sample ID:	Description:
GWC-43	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 2:38:06 PM
Project: Plant Bowen LF February 2025
Operator Name: Kyle Rhyne

Location Name: GWA-40 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 145.02 ft** **Total Depth: 155.02 ft** **Initial Depth to Water: 66.88 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 150.02 ft** **Estimated Total Volume Pumped: 3250 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 130 ml/min** **Final Draw Down: 0.02 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 980712**

Test Notes:
Pre-purged 3 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 0.2	+/- 5	+/- 1000	+/- 0.3	
2/25/2025 2:38 PM	00:00	7.42 pH	23.77 °C	198.13 µS/cm	7.14 mg/L	0.21 NTU	45.9 mV	66.89 ft	130.00 ml/min
2/25/2025 2:43 PM	05:00	7.50 pH	18.62 °C	213.95 µS/cm	7.74 mg/L	0.25 NTU	41.2 mV	66.89 ft	130.00 ml/min
2/25/2025 2:48 PM	10:00	7.51 pH	18.29 °C	213.34 µS/cm	7.71 mg/L	0.35 NTU	28.0 mV	66.90 ft	130.00 ml/min
2/25/2025 2:53 PM	15:00	7.51 pH	18.07 °C	211.80 µS/cm	7.69 mg/L	0.33 NTU	27.3 mV	66.89 ft	130.00 ml/min
2/25/2025 2:58 PM	20:00	7.51 pH	17.97 °C	210.67 µS/cm	7.69 mg/L	0.26 NTU	27.1 mV	66.89 ft	130.00 ml/min
2/25/2025 3:03 PM	25:00	7.51 pH	17.98 °C	209.43 µS/cm	7.67 mg/L	0.26 NTU	27.3 mV	66.90 ft	130.00 ml/min

Samples

Sample ID:	Description:
GWA-40	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 3:38:56 PM
Project: Plant Bowen LF February 2025
Operator Name: Natalie Piparo

Location Name: GWA-42 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 74.36 ft** **Total Depth: 84.36 ft** **Initial Depth to Water: 74.09 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 79.36 ft** **Estimated Total Volume Pumped: 4375 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 175 ml/min** **Final Draw Down: 0.1 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 843285**

Test Notes:
Prepurged 7L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/25/2025 3:38 PM	00:00	7.43 pH	17.53 °C	285.71 µS/cm	4.33 mg/L	0.00 NTU	43.7 mV	74.19 ft	0.14 PSU	175.00 ml/min
2/25/2025 3:43 PM	05:00	7.42 pH	17.48 °C	283.35 µS/cm	4.27 mg/L	0.05 NTU	32.7 mV	74.18 ft	0.14 PSU	175.00 ml/min
2/25/2025 3:48 PM	10:00	7.40 pH	17.44 °C	281.09 µS/cm	4.24 mg/L	0.07 NTU	28.6 mV	74.19 ft	0.13 PSU	175.00 ml/min
2/25/2025 3:53 PM	15:00	7.40 pH	17.48 °C	280.83 µS/cm	4.18 mg/L	0.01 NTU	24.8 mV	74.19 ft	0.13 PSU	175.00 ml/min
2/25/2025 3:58 PM	20:00	7.41 pH	17.44 °C	279.76 µS/cm	4.16 mg/L	0.00 NTU	22.8 mV	74.18 ft	0.13 PSU	175.00 ml/min
2/25/2025 4:03 PM	25:00	7.41 pH	17.10 °C	279.99 µS/cm	4.17 mg/L	0.00 NTU	21.5 mV	74.19 ft	0.13 PSU	175.00 ml/min

Samples

Sample ID:	Description:
GWA-42	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/26/2025 10:03:05 AM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-44 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 81.1 ft** **Total Depth: 91.1 ft** **Initial Depth to Water: 51.95 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 86.1 ft** **Estimated Total Volume Pumped: 2400 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 120 ml/min** **Final Draw Down: 0.18 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/26/2025 10:03 AM	00:00	4.33 pH	17.15 °C	91.95 µS/cm	4.99 mg/L	1.35 NTU	111.6 mV	52.10 ft	0.04 PSU	120.00 ml/min
2/26/2025 10:08 AM	05:00	4.34 pH	17.16 °C	92.70 µS/cm	4.98 mg/L	0.57 NTU	104.5 mV	52.13 ft	0.04 PSU	120.00 ml/min
2/26/2025 10:13 AM	10:00	4.33 pH	17.30 °C	92.32 µS/cm	4.98 mg/L	0.22 NTU	147.5 mV	52.13 ft	0.04 PSU	120.00 ml/min
2/26/2025 10:18 AM	15:00	4.35 pH	17.51 °C	91.64 µS/cm	4.95 mg/L	0.21 NTU	146.8 mV	52.13 ft	0.04 PSU	120.00 ml/min
2/26/2025 10:23 AM	20:00	4.36 pH	17.69 °C	91.76 µS/cm	4.93 mg/L	0.08 NTU	145.9 mV	52.13 ft	0.04 PSU	120.00 ml/min

Samples

Sample ID:	Description:
GWC-44	Metals, Inorganics, Alkalinity, TDS
FD-08	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 2/26/2025 10:11:13 AM
Project: Plant Bowen LF February 2025
Operator Name: Kyle Rhyne

Location Name: GWC-46R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 49.01 ft** **Total Depth: 59.01 ft** **Initial Depth to Water: 36.15 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 54.01 ft** **Estimated Total Volume Pumped: 6325 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 115 ml/min** **Final Draw Down: 0.8 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 980712**

Test Notes:
Pre-Purged 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 0.2	+/- 5	+/- 1000	+/- 0.3	
2/26/2025 10:11 AM	00:00	7.56 pH	17.76 °C	469.70 µS/cm	7.83 mg/L	0.21 NTU	178.2 mV	37.16 ft	115.00 ml/min
2/26/2025 10:16 AM	05:00	7.52 pH	16.41 °C	385.47 µS/cm	7.55 mg/L	0.10 NTU	161.7 mV	37.15 ft	115.00 ml/min
2/26/2025 10:21 AM	10:00	7.53 pH	16.47 °C	385.91 µS/cm	7.55 mg/L	0.06 NTU	92.1 mV	37.13 ft	115.00 ml/min
2/26/2025 10:26 AM	15:00	7.54 pH	16.56 °C	385.93 µS/cm	7.57 mg/L	0.19 NTU	75.3 mV	37.10 ft	115.00 ml/min
2/26/2025 10:31 AM	20:00	7.54 pH	16.64 °C	385.42 µS/cm	7.54 mg/L	1.30 NTU	66.9 mV	37.08 ft	115.00 ml/min
2/26/2025 10:36 AM	25:00	7.55 pH	16.67 °C	385.74 µS/cm	7.52 mg/L	2.25 NTU	60.6 mV	37.08 ft	115.00 ml/min
2/26/2025 10:41 AM	30:00	7.56 pH	16.79 °C	385.33 µS/cm	7.49 mg/L	2.20 NTU	56.9 mV	37.03 ft	115.00 ml/min
2/26/2025 10:46 AM	35:00	7.56 pH	16.93 °C	385.24 µS/cm	7.49 mg/L	4.67 NTU	55.3 mV	36.99 ft	115.00 ml/min
2/26/2025 10:51 AM	40:00	7.56 pH	16.94 °C	385.10 µS/cm	7.47 mg/L	4.18 NTU	54.7 mV	37.00 ft	115.00 ml/min
2/26/2025 10:56 AM	45:00	7.57 pH	16.94 °C	384.82 µS/cm	7.44 mg/L	4.12 NTU	53.0 mV	36.98 ft	115.00 ml/min
2/26/2025 11:01 AM	50:00	7.57 pH	17.09 °C	385.55 µS/cm	7.43 mg/L	4.08 NTU	52.0 mV	36.94 ft	115.00 ml/min
2/26/2025 11:06 AM	55:00	7.57 pH	17.13 °C	385.03 µS/cm	7.42 mg/L	3.56 NTU	51.3 mV	36.95 ft	115.00 ml/min

Samples

Sample ID:	Description:

GWC-46R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/26/2025 10:35:30 AM
Project: Plant Bowen LF February 2025
Operator Name: Natalie Piparo

Location Name: GWC-49R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 126.8 ft** **Total Depth: 136.8 ft** **Initial Depth to Water: 52.81 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 131.8 ft** **Estimated Total Volume Pumped: 3125 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 0.02 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 843285**

Test Notes:
Prepurged 2L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/26/2025 10:35 AM	00:00	7.38 pH	16.37 °C	234.84 µS/cm	6.36 mg/L	0.26 NTU	121.3 mV	52.79 ft	0.11 PSU	125.00 ml/min
2/26/2025 10:40 AM	05:00	7.51 pH	16.36 °C	239.46 µS/cm	6.44 mg/L	0.21 NTU	137.0 mV	52.80 ft	0.11 PSU	125.00 ml/min
2/26/2025 10:45 AM	10:00	7.57 pH	16.58 °C	237.31 µS/cm	6.44 mg/L	0.00 NTU	111.5 mV	52.81 ft	0.11 PSU	125.00 ml/min
2/26/2025 10:50 AM	15:00	7.61 pH	16.64 °C	237.85 µS/cm	6.47 mg/L	0.00 NTU	106.7 mV	52.82 ft	0.11 PSU	125.00 ml/min
2/26/2025 10:55 AM	20:00	7.64 pH	16.81 °C	237.26 µS/cm	6.47 mg/L	0.00 NTU	103.2 mV	52.83 ft	0.11 PSU	125.00 ml/min
2/26/2025 11:00 AM	25:00	7.65 pH	16.81 °C	235.17 µS/cm	6.67 mg/L	0.00 NTU	99.7 mV	52.83 ft	0.11 PSU	125.00 ml/min

Samples

Sample ID:	Description:
GWC-49R	Metals, Inorganics, Alkalinity, TDS
FD-09	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/26/2025 11:48:40 AM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-45R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 120.12 ft** **Total Depth: 130.12 ft** **Initial Depth to Water: 48.13 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 125.12 ft** **Estimated Total Volume Pumped: 4550 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 130 ml/min** **Final Draw Down: 0.07 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/26/2025 11:48 AM	00:00	7.17 pH	17.53 °C	358.21 µS/cm	2.87 mg/L	0.09 NTU	58.0 mV	48.20 ft	0.17 PSU	130.00 ml/min
2/26/2025 11:53 AM	05:00	7.27 pH	17.51 °C	356.25 µS/cm	3.06 mg/L	0.25 NTU	69.5 mV	48.20 ft	0.17 PSU	130.00 ml/min
2/26/2025 11:58 AM	10:00	7.30 pH	17.39 °C	357.02 µS/cm	3.10 mg/L	0.10 NTU	55.7 mV	48.20 ft	0.17 PSU	130.00 ml/min
2/26/2025 12:03 PM	15:00	7.32 pH	17.35 °C	356.77 µS/cm	3.13 mg/L	0.08 NTU	54.2 mV	48.20 ft	0.17 PSU	130.00 ml/min
2/26/2025 12:08 PM	20:00	7.34 pH	17.74 °C	356.93 µS/cm	3.15 mg/L	0.28 NTU	52.3 mV	48.20 ft	0.17 PSU	130.00 ml/min
2/26/2025 12:13 PM	25:00	7.35 pH	17.81 °C	356.36 µS/cm	3.16 mg/L	0.40 NTU	51.5 mV	48.20 ft	0.17 PSU	130.00 ml/min
2/26/2025 12:18 PM	30:00	7.35 pH	17.97 °C	356.57 µS/cm	3.19 mg/L	0.36 NTU	50.6 mV	48.20 ft	0.17 PSU	130.00 ml/min
2/26/2025 12:23 PM	35:00	7.36 pH	18.19 °C	353.56 µS/cm	3.17 mg/L	0.18 NTU	49.5 mV	48.20 ft	0.17 PSU	130.00 ml/min

Samples

Sample ID:	Description:
GWC-45R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/26/2025 11:50:36 AM
Project: Plant Bowen LF February 2025
Operator Name: Jay Siewert

Location Name: GWA-39RZ **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 130.07 ft** **Total Depth: 140.07 ft** **Initial Depth to Water: 63.18 ft**	**Pump Type: QED Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 135.07 ft** **Estimated Total Volume Pumped: 15400 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 35.15 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850762**

Test Notes:
Pre-purged 19 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	+/- 10	
2/26/2025 11:50 AM	00:00	7.10 pH	16.05 °C	291.28 µS/cm	0.05 mg/L	7.04 NTU	-78.1 mV	87.33 ft	0.14 PSU	215.00 ml/min
2/26/2025 11:55 AM	05:00	7.11 pH	16.14 °C	290.86 µS/cm	0.06 mg/L	7.26 NTU	-91.6 mV	87.33 ft	0.14 PSU	215.00 ml/min
2/26/2025 12:00 PM	10:00	7.09 pH	16.23 °C	285.12 µS/cm	0.01 mg/L	10.67 NTU	-62.7 mV	89.18 ft	0.14 PSU	215.00 ml/min
2/26/2025 12:05 PM	15:00	7.11 pH	16.32 °C	287.40 µS/cm	0.04 mg/L	11.20 NTU	-82.4 mV	90.19 ft	0.14 PSU	215.00 ml/min
2/26/2025 12:10 PM	20:00	7.09 pH	16.27 °C	287.21 µS/cm	0.09 mg/L	9.48 NTU	-65.8 mV	91.05 ft	0.14 PSU	190.00 ml/min
2/26/2025 12:15 PM	25:00	7.14 pH	16.27 °C	286.73 µS/cm	0.19 mg/L	6.69 NTU	-85.0 mV	91.86 ft	0.14 PSU	190.00 ml/min
2/26/2025 12:20 PM	30:00	7.16 pH	16.41 °C	286.31 µS/cm	0.32 mg/L	6.26 NTU	-65.3 mV	92.75 ft	0.14 PSU	190.00 ml/min
2/26/2025 12:25 PM	35:00	7.17 pH	16.38 °C	287.12 µS/cm	0.30 mg/L	5.96 NTU	-83.7 mV	93.68 ft	0.14 PSU	190.00 ml/min
2/26/2025 12:30 PM	40:00	7.18 pH	16.36 °C	287.57 µS/cm	0.27 mg/L	5.55 NTU	-65.9 mV	94.51 ft	0.14 PSU	190.00 ml/min
2/26/2025 12:35 PM	45:00	7.19 pH	16.40 °C	287.78 µS/cm	0.30 mg/L	5.29 NTU	-65.1 mV	95.45 ft	0.14 PSU	190.00 ml/min
2/26/2025 12:40 PM	50:00	7.20 pH	16.45 °C	287.89 µS/cm	0.35 mg/L	5.02 NTU	-64.5 mV	96.20 ft	0.14 PSU	190.00 ml/min
2/26/2025 12:45 PM	55:00	7.21 pH	16.43 °C	286.80 µS/cm	0.42 mg/L	4.98 NTU	-62.8 mV	96.96 ft	0.14 PSU	190.00 ml/min
2/26/2025 12:50 PM	01:00:00	7.22 pH	16.52 °C	286.60 µS/cm	0.46 mg/L	5.37 NTU	-61.2 mV	97.38 ft	0.14 PSU	100.00 ml/min
2/26/2025 12:55 PM	01:05:00	7.24 pH	16.49 °C	286.23 µS/cm	0.61 mg/L	3.85 NTU	-62.4 mV	97.52 ft	0.14 PSU	100.00 ml/min
2/26/2025 1:00 PM	01:10:00	7.34 pH	16.49 °C	286.21 µS/cm	1.10 mg/L	2.40 NTU	-87.8 mV	97.65 ft	0.14 PSU	100.00 ml/min

2/26/2025 1:05 PM	01:15:00	7.38 pH	16.56 °C	285.92 µS/cm	1.23 mg/L	2.10 NTU	-67.5 mV	97.82 ft	0.14 PSU	100.00 ml/min
2/26/2025 1:10 PM	01:20:00	7.40 pH	16.63 °C	286.42 µS/cm	1.26 mg/L	2.08 NTU	-66.8 mV	97.93 ft	0.14 PSU	100.00 ml/min
2/26/2025 1:15 PM	01:25:00	7.39 pH	16.63 °C	285.64 µS/cm	1.24 mg/L	2.55 NTU	-63.7 mV	98.07 ft	0.14 PSU	100.00 ml/min
2/26/2025 1:20 PM	01:30:00	7.39 pH	16.72 °C	285.55 µS/cm	1.27 mg/L	2.44 NTU	-63.0 mV	98.21 ft	0.14 PSU	100.00 ml/min
2/26/2025 1:25 PM	01:35:00	7.40 pH	16.63 °C	285.01 µS/cm	1.37 mg/L	2.15 NTU	-64.5 mV	98.33 ft	0.14 PSU	100.00 ml/min

Samples

Sample ID:	Description:
GWA-39RZ	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 2/26/2025 12:20:34 PM
Project: Plant Bowen LF February 2025
Operator Name: Natalie Piparo

Location Name: GWC-49Z **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 85.2 ft** **Total Depth: 95.2 ft** **Initial Depth to Water: 52.08 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 90.2 ft** **Estimated Total Volume Pumped: 4025 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 115 ml/min** **Final Draw Down: 0.92 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 843285**

Test Notes:
Prepurged 2L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/26/2025 12:20 PM	00:00	5.56 pH	17.88 °C	21.64 µS/cm	6.95 mg/L	0.97 NTU	91.7 mV	52.84 ft	0.01 PSU	115.00 ml/min
2/26/2025 12:25 PM	05:00	5.29 pH	17.88 °C	21.73 µS/cm	6.96 mg/L	0.61 NTU	104.6 mV	52.86 ft	0.01 PSU	115.00 ml/min
2/26/2025 12:30 PM	10:00	5.20 pH	17.96 °C	21.82 µS/cm	6.99 mg/L	1.23 NTU	102.7 mV	52.91 ft	0.01 PSU	115.00 ml/min
2/26/2025 12:35 PM	15:00	5.19 pH	17.93 °C	21.80 µS/cm	6.95 mg/L	0.76 NTU	101.1 mV	52.94 ft	0.01 PSU	115.00 ml/min
2/26/2025 12:40 PM	20:00	5.19 pH	17.84 °C	21.79 µS/cm	6.96 mg/L	1.17 NTU	99.6 mV	52.97 ft	0.01 PSU	115.00 ml/min
2/26/2025 12:45 PM	25:00	5.18 pH	17.92 °C	21.82 µS/cm	7.00 mg/L	1.10 NTU	98.4 mV	52.98 ft	0.01 PSU	115.00 ml/min
2/26/2025 12:50 PM	30:00	5.20 pH	17.92 °C	21.75 µS/cm	7.01 mg/L	1.06 NTU	97.4 mV	52.99 ft	0.01 PSU	115.00 ml/min
2/26/2025 12:55 PM	35:00	5.18 pH	18.08 °C	21.81 µS/cm	7.08 mg/L	1.05 NTU	97.0 mV	53.00 ft	0.01 PSU	115.00 ml/min

Samples

Sample ID:	Description:
GWC-49Z	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 2/26/2025 1:04:57 PM
Project: Plant Bowen LF February 2025
Operator Name: Kyle Rhyne

Location Name: GWC-47 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 57.63 ft** **Total Depth: 67.63 ft** **Initial Depth to Water: 37.16 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 62.63 ft** **Estimated Total Volume Pumped: 3375 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 135 ml/min** **Final Draw Down: 0.06 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 980712**

Test Notes:
Pre-Purged 3 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 0.2	+/- 5	+/- 1000	+/- 0.3	
2/26/2025 1:04 PM	00:00	7.74 pH	22.43 °C	228.95 µS/cm	1.35 mg/L	0.61 NTU	87.1 mV	37.19 ft	135.00 ml/min
2/26/2025 1:09 PM	05:00	7.61 pH	19.23 °C	241.51 µS/cm	1.40 mg/L	0.10 NTU	49.4 mV	37.20 ft	135.00 ml/min
2/26/2025 1:14 PM	10:00	7.57 pH	19.09 °C	244.38 µS/cm	1.38 mg/L	0.20 NTU	41.2 mV	37.20 ft	135.00 ml/min
2/26/2025 1:19 PM	15:00	7.55 pH	19.00 °C	245.82 µS/cm	1.38 mg/L	0.31 NTU	38.4 mV	37.21 ft	135.00 ml/min
2/26/2025 1:24 PM	20:00	7.54 pH	18.96 °C	245.54 µS/cm	1.39 mg/L	0.23 NTU	37.2 mV	37.22 ft	135.00 ml/min
2/26/2025 1:29 PM	25:00	7.53 pH	18.98 °C	246.92 µS/cm	1.41 mg/L	0.19 NTU	36.5 mV	37.22 ft	135.00 ml/min

Samples

Sample ID:	Description:
GWC-47	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/26/2025 1:15:03 PM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-45 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 57.55 ft** **Total Depth: 67.55 ft** **Initial Depth to Water: 42.29 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 62.55 ft** **Estimated Total Volume Pumped: 4200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 140 ml/min** **Final Draw Down: 2.47 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/26/2025 1:15 PM	00:00	4.87 pH	18.51 °C	26.67 µS/cm	5.76 mg/L	0.34 NTU	99.2 mV	44.76 ft	0.01 PSU	140.00 ml/min
2/26/2025 1:20 PM	05:00	4.88 pH	18.60 °C	26.54 µS/cm	5.72 mg/L	0.44 NTU	92.0 mV	44.76 ft	0.01 PSU	140.00 ml/min
2/26/2025 1:25 PM	10:00	4.86 pH	18.36 °C	26.70 µS/cm	5.77 mg/L	0.31 NTU	122.6 mV	44.76 ft	0.01 PSU	140.00 ml/min
2/26/2025 1:30 PM	15:00	4.86 pH	18.33 °C	26.66 µS/cm	5.79 mg/L	0.54 NTU	123.1 mV	44.76 ft	0.01 PSU	140.00 ml/min
2/26/2025 1:35 PM	20:00	4.85 pH	18.33 °C	26.71 µS/cm	5.82 mg/L	0.69 NTU	123.7 mV	44.76 ft	0.01 PSU	140.00 ml/min
2/26/2025 1:40 PM	25:00	4.84 pH	18.42 °C	26.58 µS/cm	5.78 mg/L	0.30 NTU	124.3 mV	44.76 ft	0.01 PSU	140.00 ml/min
2/26/2025 1:45 PM	30:00	4.85 pH	18.57 °C	26.53 µS/cm	5.79 mg/L	0.17 NTU	91.6 mV	44.76 ft	0.01 PSU	140.00 ml/min

Samples

Sample ID:	Description:
GWC-45	Metals, Inorganics, Alkalinity, TDS

Low-Flow Test Report:

Test Date / Time: 2/26/2025 2:16:14 PM
Project: Plant Bowen LF February 2025
Operator Name: Natalie Piparo

Location Name: GWC-48 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 49.49 ft** **Total Depth: 59.49 ft** **Initial Depth to Water: 34.15 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 54.49 ft** **Estimated Total Volume Pumped: 8400 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 140 ml/min** **Final Draw Down: 0.21 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 843285**

Test Notes:
Prepurged 2L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
2/26/2025 2:16 PM	00:00	4.88 pH	18.33 °C	107.23 µS/cm	3.06 mg/L	2.74 NTU	91.2 mV	34.27 ft	0.05 PSU	140.00 ml/min
2/26/2025 2:21 PM	05:00	4.85 pH	17.93 °C	109.40 µS/cm	3.09 mg/L	1.50 NTU	107.1 mV	34.28 ft	0.05 PSU	140.00 ml/min
2/26/2025 2:26 PM	10:00	4.84 pH	17.93 °C	110.15 µS/cm	3.04 mg/L	0.87 NTU	103.9 mV	34.30 ft	0.05 PSU	140.00 ml/min
2/26/2025 2:31 PM	15:00	4.83 pH	17.87 °C	108.69 µS/cm	3.05 mg/L	0.36 NTU	81.1 mV	34.31 ft	0.05 PSU	140.00 ml/min
2/26/2025 2:36 PM	20:00	4.83 pH	17.88 °C	105.85 µS/cm	3.13 mg/L	0.28 NTU	100.1 mV	34.33 ft	0.05 PSU	140.00 ml/min
2/26/2025 2:41 PM	25:00	4.84 pH	17.88 °C	102.32 µS/cm	3.19 mg/L	0.32 NTU	98.7 mV	34.33 ft	0.05 PSU	140.00 ml/min
2/26/2025 2:46 PM	30:00	4.86 pH	17.88 °C	98.89 µS/cm	3.19 mg/L	0.14 NTU	96.9 mV	34.34 ft	0.05 PSU	140.00 ml/min
2/26/2025 2:51 PM	35:00	4.87 pH	17.97 °C	95.41 µS/cm	3.25 mg/L	0.18 NTU	96.3 mV	34.34 ft	0.04 PSU	140.00 ml/min
2/26/2025 2:56 PM	40:00	4.88 pH	18.26 °C	92.71 µS/cm	3.33 mg/L	0.09 NTU	94.9 mV	34.35 ft	0.04 PSU	140.00 ml/min
2/26/2025 3:01 PM	45:00	4.91 pH	18.60 °C	90.11 µS/cm	3.37 mg/L	0.16 NTU	94.2 mV	34.36 ft	0.04 PSU	140.00 ml/min
2/26/2025 3:06 PM	50:00	4.92 pH	18.50 °C	88.99 µS/cm	3.46 mg/L	0.25 NTU	94.1 mV	34.36 ft	0.04 PSU	140.00 ml/min
2/26/2025 3:11 PM	55:00	4.94 pH	18.59 °C	87.95 µS/cm	3.52 mg/L	0.24 NTU	93.6 mV	34.36 ft	0.04 PSU	140.00 ml/min
2/26/2025 3:16 PM	01:00:00	4.95 pH	18.69 °C	86.34 µS/cm	3.61 mg/L	0.18 NTU	94.1 mV	34.36 ft	0.04 PSU	140.00 ml/min

Samples

Sample ID:	Description:
GWC-48	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/26/2025 2:41:00 PM
Project: Plant Bowen LF February 2025
Operator Name: Kyle Rhyne

Location Name: GWC-47R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 74.55 ft** **Total Depth: 84.55 ft** **Initial Depth to Water: 37.46 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 79.55 ft** **Estimated Total Volume Pumped: 7850 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 110 ml/min** **Final Draw Down: 4.73 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 980712**

Test Notes:
Pre-Purged 2 L Reduced pump rate from 135 to 110 at 35 minutes to lessen turbidity

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 0.2	+/- 5	+/- 1000	+/- 0.3	
2/26/2025 2:41 PM	00:00	7.68 pH	23.16 °C	318.78 µS/cm	3.26 mg/L	0.49 NTU	57.6 mV	40.11 ft	130.00 ml/min
2/26/2025 2:46 PM	05:00	7.67 pH	19.20 °C	338.28 µS/cm	3.47 mg/L	0.35 NTU	52.7 mV	40.48 ft	130.00 ml/min
2/26/2025 2:51 PM	10:00	7.68 pH	19.13 °C	338.60 µS/cm	3.51 mg/L	0.78 NTU	35.9 mV	40.78 ft	130.00 ml/min
2/26/2025 2:56 PM	15:00	7.68 pH	19.22 °C	334.84 µS/cm	3.49 mg/L	1.53 NTU	34.5 mV	40.99 ft	130.00 ml/min
2/26/2025 3:01 PM	20:00	7.68 pH	19.36 °C	328.79 µS/cm	3.49 mg/L	1.94 NTU	34.6 mV	41.24 ft	130.00 ml/min
2/26/2025 3:06 PM	25:00	7.69 pH	19.24 °C	320.27 µS/cm	3.49 mg/L	2.34 NTU	34.0 mV	41.34 ft	130.00 ml/min
2/26/2025 3:11 PM	30:00	7.70 pH	19.41 °C	315.85 µS/cm	3.48 mg/L	2.66 NTU	33.8 mV	41.45 ft	130.00 ml/min
2/26/2025 3:16 PM	35:00	7.71 pH	19.04 °C	310.13 µS/cm	3.47 mg/L	3.11 NTU	33.7 mV	41.71 ft	110.00 ml/min
2/26/2025 3:21 PM	40:00	7.72 pH	18.92 °C	304.56 µS/cm	3.49 mg/L	3.82 NTU	33.8 mV	41.79 ft	110.00 ml/min
2/26/2025 3:26 PM	45:00	7.72 pH	18.97 °C	301.84 µS/cm	3.40 mg/L	4.39 NTU	33.4 mV	41.91 ft	110.00 ml/min
2/26/2025 3:31 PM	50:00	7.72 pH	19.14 °C	302.42 µS/cm	3.42 mg/L	4.41 NTU	33.3 mV	42.00 ft	110.00 ml/min
2/26/2025 3:36 PM	55:00	7.73 pH	19.00 °C	300.19 µS/cm	3.46 mg/L	4.14 NTU	33.1 mV	42.05 ft	110.00 ml/min
2/26/2025 3:41 PM	01:00:00	7.73 pH	19.05 °C	299.27 µS/cm	3.50 mg/L	4.00 NTU	33.2 mV	42.11 ft	110.00 ml/min
2/26/2025 3:46 PM	01:05:00	7.75 pH	19.07 °C	297.97 µS/cm	3.48 mg/L	3.81 NTU	32.9 mV	42.19 ft	110.00 ml/min

Samples

Sample ID:	Description:
GWC-47R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/4/2025 11:51:07 AM
Project: Plant Bowen LF February 2025
Operator Name: Kyle Rhyne

Location Name: GWC-27R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 82.44 ft** **Total Depth: 92.44 ft** **Initial Depth to Water: 22.19 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 87.44 ft** **Estimated Total Volume Pumped: 8125 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 0.4 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170065**

Test Notes:
Pre-purged 3 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 0.2	+/- 5	+/- 1000	+/- 0.3	
3/4/2025 11:51 AM	00:00	7.25 pH	17.88 °C	308.28 µS/cm	2.90 mg/L	1.02 NTU	87.4 mV	22.59 ft	125.00 ml/min
3/4/2025 11:56 AM	05:00	7.46 pH	17.10 °C	302.68 µS/cm	3.13 mg/L	0.90 NTU	100.4 mV	22.58 ft	125.00 ml/min
3/4/2025 12:01 PM	10:00	7.49 pH	17.10 °C	301.85 µS/cm	3.32 mg/L	1.31 NTU	78.0 mV	22.59 ft	125.00 ml/min
3/4/2025 12:06 PM	15:00	7.51 pH	17.23 °C	300.32 µS/cm	3.52 mg/L	0.99 NTU	73.8 mV	22.59 ft	125.00 ml/min
3/4/2025 12:11 PM	20:00	7.54 pH	17.37 °C	298.57 µS/cm	3.63 mg/L	0.63 NTU	71.8 mV	22.58 ft	125.00 ml/min
3/4/2025 12:16 PM	25:00	7.55 pH	17.41 °C	297.60 µS/cm	3.74 mg/L	0.71 NTU	72.3 mV	22.59 ft	125.00 ml/min
3/4/2025 12:21 PM	30:00	7.57 pH	17.46 °C	296.04 µS/cm	3.90 mg/L	0.58 NTU	70.9 mV	22.59 ft	125.00 ml/min
3/4/2025 12:26 PM	35:00	7.57 pH	17.86 °C	295.51 µS/cm	4.03 mg/L	0.61 NTU	67.4 mV	22.60 ft	125.00 ml/min
3/4/2025 12:31 PM	40:00	7.59 pH	17.50 °C	293.23 µS/cm	4.07 mg/L	0.42 NTU	69.6 mV	22.59 ft	125.00 ml/min
3/4/2025 12:36 PM	45:00	7.60 pH	17.41 °C	292.68 µS/cm	4.30 mg/L	0.39 NTU	67.4 mV	22.59 ft	125.00 ml/min
3/4/2025 12:41 PM	50:00	7.61 pH	17.36 °C	293.26 µS/cm	4.35 mg/L	0.83 NTU	63.7 mV	22.59 ft	125.00 ml/min
3/4/2025 12:46 PM	55:00	7.62 pH	17.44 °C	292.55 µS/cm	4.43 mg/L	0.55 NTU	59.5 mV	22.59 ft	125.00 ml/min
3/4/2025 12:51 PM	01:00:00	7.62 pH	17.48 °C	292.68 µS/cm	4.52 mg/L	0.60 NTU	60.2 mV	22.58 ft	125.00 ml/min
3/4/2025 12:56 PM	01:05:00	7.64 pH	17.44 °C	290.93 µS/cm	4.61 mg/L	0.59 NTU	59.8 mV	22.59 ft	125.00 ml/min

Samples

Sample ID:	Description:
GWC-27R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/4/2025 2:08:23 PM
Project: Plant Bowen LF February 2025
Operator Name: Kyle Rhyne

Location Name: GWC-27 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 35.6 ft** **Total Depth: 45.6 ft** **Initial Depth to Water: 22.09 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 40.6 ft** **Estimated Total Volume Pumped: 3125 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: -0.01 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170065**

Test Notes:
Pre-purged 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 0.2	+/- 5	+/- 1000	+/- 0.3	
3/4/2025 2:08 PM	00:00	7.73 pH	21.56 °C	307.20 µS/cm	5.77 mg/L	0.80 NTU	62.1 mV	22.08 ft	125.00 ml/min
3/4/2025 2:13 PM	05:00	7.72 pH	18.08 °C	324.25 µS/cm	5.89 mg/L	0.60 NTU	75.6 mV	22.06 ft	125.00 ml/min
3/4/2025 2:18 PM	10:00	7.72 pH	17.83 °C	328.00 µS/cm	5.90 mg/L	0.33 NTU	85.3 mV	22.08 ft	125.00 ml/min
3/4/2025 2:23 PM	15:00	7.73 pH	17.76 °C	328.98 µS/cm	5.91 mg/L	0.52 NTU	91.8 mV	22.07 ft	125.00 ml/min
3/4/2025 2:28 PM	20:00	7.72 pH	17.43 °C	330.86 µS/cm	5.91 mg/L	0.27 NTU	97.3 mV	22.08 ft	125.00 ml/min
3/4/2025 2:33 PM	25:00	7.72 pH	17.38 °C	331.47 µS/cm	5.88 mg/L	0.34 NTU	100.2 mV	22.08 ft	125.00 ml/min

Samples

Sample ID:	Description:
GWC-27	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/4/2025 2:09:25 PM
Project: Plant Bowen LF February 2025
Operator Name: Jay Siewert

Location Name: GWC-57 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 71.17 ft** **Total Depth: 81.17 ft** **Initial Depth to Water: 19.03 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 76.17 ft** **Estimated Total Volume Pumped: 2600 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 130 ml/min** **Final Draw Down: 0.32 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850762**

Test Notes:
Pre-purged 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	+/- 10	
3/4/2025 2:09 PM	00:00	7.56 pH	17.75 °C	324.64 µS/cm	0.36 mg/L	4.70 NTU	161.5 mV	19.33 ft	0.16 PSU	130.00 ml/min
3/4/2025 2:14 PM	05:00	7.58 pH	17.85 °C	325.22 µS/cm	0.30 mg/L	3.17 NTU	165.4 mV	19.33 ft	0.16 PSU	130.00 ml/min
3/4/2025 2:19 PM	10:00	7.59 pH	17.66 °C	325.32 µS/cm	0.26 mg/L	2.43 NTU	147.9 mV	19.33 ft	0.16 PSU	130.00 ml/min
3/4/2025 2:24 PM	15:00	7.60 pH	17.70 °C	324.97 µS/cm	0.24 mg/L	2.05 NTU	141.5 mV	19.34 ft	0.16 PSU	130.00 ml/min
3/4/2025 2:29 PM	20:00	7.60 pH	17.52 °C	324.66 µS/cm	0.23 mg/L	1.02 NTU	135.2 mV	19.35 ft	0.16 PSU	130.00 ml/min

Samples

Sample ID:	Description:
GWC-57	Metals, Inorganics, Alkalinity, TDS
FD-13	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/4/2025 2:38:11 PM
Project: Plant Bowen LF February 2025
Operator Name: Sawyer Kovacs

Location Name: GWC-26 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 31.88 ft** **Total Depth: 41.88 ft** **Initial Depth to Water: 22 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 36.88 ft** **Estimated Total Volume Pumped: 2200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 110 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Pre-Purged: 1 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
3/4/2025 2:38 PM	00:00	7.35 pH	17.82 °C	428.53 µS/cm	5.14 mg/L	0.55 NTU	-12.1 mV	22.00 ft	0.21 PSU	110.00 ml/min
3/4/2025 2:43 PM	05:00	7.38 pH	18.06 °C	430.83 µS/cm	5.13 mg/L	0.26 NTU	-11.3 mV	22.00 ft	0.21 PSU	110.00 ml/min
3/4/2025 2:48 PM	10:00	7.39 pH	18.42 °C	429.07 µS/cm	5.05 mg/L	0.16 NTU	-10.7 mV	22.00 ft	0.21 PSU	110.00 ml/min
3/4/2025 2:53 PM	15:00	7.40 pH	18.07 °C	430.28 µS/cm	5.02 mg/L	0.15 NTU	-8.7 mV	22.00 ft	0.21 PSU	110.00 ml/min
3/4/2025 2:58 PM	20:00	7.40 pH	17.89 °C	431.73 µS/cm	5.00 mg/L	0.03 NTU	-7.3 mV	22.00 ft	0.21 PSU	110.00 ml/min

Samples

Sample ID:	Description:
GWC-26	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/5/2025 10:33:39 AM
Project: Plant Bowen LF February 2025
Operator Name: Natalie Piparo

Location Name: GWC-30 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 41 ft** **Total Depth: 51 ft** **Initial Depth to Water: 31.78 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 46 ft** **Estimated Total Volume Pumped: 7200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 120 ml/min** **Final Draw Down: 5.24 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Prepurged 3L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
3/5/2025 10:33 AM	00:00	7.55 pH	15.38 °C	414.37 µS/cm	6.41 mg/L	1.37 NTU	38.4 mV	34.28 ft	0.20 PSU	120.00 ml/min
3/5/2025 10:38 AM	05:00	7.60 pH	15.37 °C	419.62 µS/cm	6.73 mg/L	1.10 NTU	37.5 mV	34.66 ft	0.20 PSU	120.00 ml/min
3/5/2025 10:43 AM	10:00	7.62 pH	15.39 °C	420.05 µS/cm	6.61 mg/L	1.50 NTU	30.3 mV	34.98 ft	0.20 PSU	120.00 ml/min
3/5/2025 10:48 AM	15:00	7.64 pH	15.37 °C	421.42 µS/cm	6.48 mg/L	1.32 NTU	28.5 mV	35.26 ft	0.20 PSU	120.00 ml/min
3/5/2025 10:53 AM	20:00	7.64 pH	15.47 °C	422.53 µS/cm	6.26 mg/L	1.69 NTU	28.4 mV	35.62 ft	0.20 PSU	120.00 ml/min
3/5/2025 10:58 AM	25:00	7.63 pH	15.56 °C	422.86 µS/cm	6.01 mg/L	1.06 NTU	27.8 mV	35.84 ft	0.20 PSU	120.00 ml/min
3/5/2025 11:03 AM	30:00	7.61 pH	15.58 °C	424.78 µS/cm	5.59 mg/L	1.30 NTU	28.3 mV	36.07 ft	0.21 PSU	120.00 ml/min
3/5/2025 11:08 AM	35:00	7.61 pH	15.42 °C	425.17 µS/cm	5.36 mg/L	1.07 NTU	27.8 mV	36.26 ft	0.21 PSU	120.00 ml/min
3/5/2025 11:13 AM	40:00	7.60 pH	15.33 °C	427.04 µS/cm	5.03 mg/L	1.14 NTU	27.7 mV	36.45 ft	0.21 PSU	120.00 ml/min
3/5/2025 11:18 AM	45:00	7.59 pH	15.29 °C	427.03 µS/cm	4.93 mg/L	1.18 NTU	28.0 mV	36.63 ft	0.21 PSU	120.00 ml/min
3/5/2025 11:23 AM	50:00	7.58 pH	15.38 °C	427.96 µS/cm	4.69 mg/L	1.08 NTU	28.1 mV	36.77 ft	0.21 PSU	120.00 ml/min
3/5/2025 11:28 AM	55:00	7.58 pH	15.51 °C	427.04 µS/cm	4.63 mg/L	0.62 NTU	28.5 mV	36.89 ft	0.21 PSU	120.00 ml/min
3/5/2025 11:33 AM	01:00:00	7.55 pH	15.64 °C	426.57 µS/cm	4.42 mg/L	0.58 NTU	29.2 mV	37.02 ft	0.21 PSU	120.00 ml/min

Samples

Sample ID:	Description:
GWC-30	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/5/2025 10:59:28 AM
Project: Plant Bowen LF February 2025
Operator Name: Kyle Rhyne

Location Name: GWC-35 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 58.61 ft** **Total Depth: 68.61 ft** **Initial Depth to Water: 42.18 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 63.61 ft** **Estimated Total Volume Pumped: 3000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 120 ml/min** **Final Draw Down: 0.13 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170065**

Test Notes:
Pre-purged 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 0.2	+/- 5	+/- 1000	+/- 0.3	
3/5/2025 10:59 AM	00:00	6.91 pH	16.68 °C	493.31 µS/cm	2.75 mg/L	0.07 NTU	90.5 mV	42.30 ft	120.00 ml/min
3/5/2025 11:04 AM	05:00	7.31 pH	16.00 °C	488.30 µS/cm	1.01 mg/L	0.02 NTU	69.0 mV	42.30 ft	120.00 ml/min
3/5/2025 11:09 AM	10:00	7.34 pH	15.92 °C	491.56 µS/cm	0.97 mg/L	0.06 NTU	68.2 mV	42.30 ft	120.00 ml/min
3/5/2025 11:14 AM	15:00	7.36 pH	15.80 °C	495.22 µS/cm	0.98 mg/L	0.07 NTU	69.5 mV	42.31 ft	120.00 ml/min
3/5/2025 11:19 AM	20:00	7.36 pH	15.88 °C	499.36 µS/cm	0.98 mg/L	0.03 NTU	70.7 mV	42.31 ft	120.00 ml/min
3/5/2025 11:24 AM	25:00	7.37 pH	16.06 °C	497.52 µS/cm	0.97 mg/L	0.06 NTU	71.3 mV	42.31 ft	120.00 ml/min

Samples

Sample ID:	Description:
GWC-35	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/5/2025 12:08:08 PM
Project: Plant Bowen LF February 2025
Operator Name: Jay Siewert

Location Name: GWC-29 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 51.7 ft** **Total Depth: 61.7 ft** **Initial Depth to Water: 25.93 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 56.7 ft** **Estimated Total Volume Pumped: 2400 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 120 ml/min** **Final Draw Down: 0.05 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850762**

Test Notes:
Pre-purged 3 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	+/- 10	
3/5/2025 12:08 PM	00:00	7.43 pH	15.95 °C	339.16 µS/cm	4.72 mg/L	2.59 NTU	174.0 mV	25.96 ft	0.16 PSU	120.00 ml/min
3/5/2025 12:13 PM	05:00	7.46 pH	16.08 °C	338.40 µS/cm	4.67 mg/L	2.42 NTU	166.8 mV	25.96 ft	0.16 PSU	120.00 ml/min
3/5/2025 12:18 PM	10:00	7.47 pH	16.05 °C	338.54 µS/cm	4.68 mg/L	2.56 NTU	160.8 mV	25.97 ft	0.16 PSU	120.00 ml/min
3/5/2025 12:23 PM	15:00	7.48 pH	16.07 °C	337.98 µS/cm	4.69 mg/L	2.17 NTU	155.2 mV	25.98 ft	0.16 PSU	120.00 ml/min
3/5/2025 12:28 PM	20:00	7.49 pH	16.04 °C	338.12 µS/cm	4.70 mg/L	2.09 NTU	150.0 mV	25.98 ft	0.16 PSU	120.00 ml/min

Samples

Sample ID:	Description:
GWC-29	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/5/2025 12:54:05 PM
Project: Plant Bowen LF February 2025
Operator Name: Natalie Piparo

Location Name: GWC-31 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 60.2 ft** **Total Depth: 70.2 ft** **Initial Depth to Water: 30 ft**	**Pump Type: QED Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 65.2 ft** **Estimated Total Volume Pumped: 5625 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 0.01 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Prepurged 2L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
3/5/2025 12:54 PM	00:00	7.44 pH	15.55 °C	389.29 µS/cm	0.50 mg/L	6.02 NTU	-34.8 mV	30.01 ft	0.19 PSU	125.00 ml/min
3/5/2025 12:59 PM	05:00	7.39 pH	15.59 °C	390.81 µS/cm	0.43 mg/L	4.89 NTU	-53.9 mV	30.00 ft	0.19 PSU	125.00 ml/min
3/5/2025 1:04 PM	10:00	7.36 pH	15.56 °C	390.35 µS/cm	0.44 mg/L	3.51 NTU	-58.5 mV	30.00 ft	0.19 PSU	125.00 ml/min
3/5/2025 1:09 PM	15:00	7.36 pH	15.55 °C	389.09 µS/cm	0.51 mg/L	3.03 NTU	-59.7 mV	30.01 ft	0.19 PSU	125.00 ml/min
3/5/2025 1:14 PM	20:00	7.36 pH	15.55 °C	388.60 µS/cm	0.65 mg/L	1.80 NTU	-61.6 mV	30.01 ft	0.19 PSU	125.00 ml/min
3/5/2025 1:19 PM	25:00	7.35 pH	15.48 °C	387.49 µS/cm	0.83 mg/L	1.79 NTU	-62.6 mV	30.00 ft	0.19 PSU	125.00 ml/min
3/5/2025 1:24 PM	30:00	7.35 pH	15.47 °C	385.19 µS/cm	0.99 mg/L	1.13 NTU	-63.2 mV	30.00 ft	0.19 PSU	125.00 ml/min
3/5/2025 1:29 PM	35:00	7.35 pH	15.41 °C	385.35 µS/cm	1.12 mg/L	1.05 NTU	-63.8 mV	30.00 ft	0.19 PSU	125.00 ml/min
3/5/2025 1:34 PM	40:00	7.34 pH	15.34 °C	384.71 µS/cm	1.17 mg/L	0.67 NTU	-65.5 mV	30.00 ft	0.19 PSU	125.00 ml/min
3/5/2025 1:39 PM	45:00	7.35 pH	15.32 °C	383.90 µS/cm	1.25 mg/L	0.43 NTU	-65.5 mV	30.01 ft	0.19 PSU	125.00 ml/min

Samples

Sample ID:	Description:
GWC-31	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/5/2025 1:05:40 PM
Project: Plant Bowen LF February 2025
Operator Name: Kyle Rhyne

Location Name: GWC-33R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 102.75 ft** **Total Depth: 112.75 ft** **Initial Depth to Water: 20.9 ft**	**Pump Type: GeoTech Peristaltic** **Tubing Type: LDPE** **Pump Intake From TOC: 107.75 ft** **Estimated Total Volume Pumped: 3000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 120 ml/min** **Final Draw Down: 0.01 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170065**

Test Notes:
Pre-purged 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 0.2	+/- 5	+/- 1000	+/- 0.3	
3/5/2025 1:05 PM	00:00	7.67 pH	15.74 °C	239.14 µS/cm	4.08 mg/L	0.58 NTU	74.8 mV	20.91 ft	120.00 ml/min
3/5/2025 1:10 PM	05:00	7.67 pH	15.75 °C	234.15 µS/cm	3.37 mg/L	0.55 NTU	64.2 mV	20.92 ft	120.00 ml/min
3/5/2025 1:15 PM	10:00	7.68 pH	15.71 °C	234.02 µS/cm	3.36 mg/L	0.65 NTU	61.4 mV	20.91 ft	120.00 ml/min
3/5/2025 1:20 PM	15:00	7.68 pH	15.68 °C	234.91 µS/cm	3.37 mg/L	0.64 NTU	61.0 mV	20.91 ft	120.00 ml/min
3/5/2025 1:25 PM	20:00	7.69 pH	15.66 °C	234.96 µS/cm	3.39 mg/L	0.62 NTU	61.6 mV	20.91 ft	120.00 ml/min
3/5/2025 1:30 PM	25:00	7.69 pH	15.58 °C	234.34 µS/cm	3.40 mg/L	0.63 NTU	63.5 mV	20.91 ft	120.00 ml/min

Samples

Sample ID:	Description:
GWC-33R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/5/2025 2:34:43 PM
Project: Plant Bowen LF February 2025
Operator Name: Natalie Piparo

Location Name: GWC-31R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 98.99 ft** **Total Depth: 108.99 ft** **Initial Depth to Water: 29.99 ft**	**Pump Type: Solinst Model 408** **Tubing Type: LDPE** **Pump Intake From TOC: 103.99 ft** **Estimated Total Volume Pumped: 2400 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 120 ml/min** **Final Draw Down: 0.01 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Prepurged 3L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
3/5/2025 2:34 PM	00:00	7.52 pH	15.29 °C	327.50 µS/cm	5.16 mg/L	5.01 NTU	-23.0 mV	29.99 ft	0.16 PSU	120.00 ml/min
3/5/2025 2:39 PM	05:00	7.48 pH	15.44 °C	326.16 µS/cm	5.11 mg/L	4.54 NTU	-29.2 mV	29.99 ft	0.16 PSU	120.00 ml/min
3/5/2025 2:44 PM	10:00	7.48 pH	15.18 °C	326.40 µS/cm	5.07 mg/L	3.47 NTU	-20.5 mV	29.99 ft	0.16 PSU	120.00 ml/min
3/5/2025 2:49 PM	15:00	7.48 pH	15.04 °C	327.47 µS/cm	5.08 mg/L	3.02 NTU	-19.2 mV	30.00 ft	0.16 PSU	120.00 ml/min
3/5/2025 2:54 PM	20:00	7.47 pH	14.97 °C	327.58 µS/cm	5.05 mg/L	2.84 NTU	-18.2 mV	30.00 ft	0.16 PSU	120.00 ml/min

Samples

Sample ID:	Description:
GWC-31R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/5/2025 3:12:59 PM
Project: Plant Bowen LF February 2025
Operator Name: Jay Siewert

Location Name: GWC-29R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 99.25 ft** **Total Depth: 109.25 ft** **Initial Depth to Water: 25.48 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 104.25 ft** **Estimated Total Volume Pumped: 10200 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 120 ml/min** **Final Draw Down: 74.02 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850762**

Test Notes:
Pre-purged 58 L. WL does not stabilize and is historically a complete evacuation. WL entered screen, complete evacuation performed. Samples to be collected 3/6/25.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	+/- 10	
3/5/2025 3:12 PM	00:00	7.65 pH	14.87 °C	323.29 µS/cm	1.80 mg/L	0.74 NTU	60.3 mV	90.62 ft	0.16 PSU	240.00 ml/min
3/5/2025 3:17 PM	05:00	7.58 pH	15.46 °C	322.97 µS/cm	1.76 mg/L	0.64 NTU	48.2 mV	91.51 ft	0.16 PSU	240.00 ml/min
3/5/2025 3:22 PM	10:00	7.56 pH	15.51 °C	323.93 µS/cm	1.85 mg/L	0.55 NTU	37.9 mV	92.72 ft	0.16 PSU	240.00 ml/min
3/5/2025 3:27 PM	15:00	7.56 pH	15.55 °C	324.19 µS/cm	1.98 mg/L	0.79 NTU	29.3 mV	93.80 ft	0.16 PSU	240.00 ml/min
3/5/2025 3:32 PM	20:00	7.56 pH	15.50 °C	326.68 µS/cm	2.11 mg/L	0.76 NTU	21.8 mV	95.00 ft	0.16 PSU	240.00 ml/min
3/5/2025 3:37 PM	25:00	7.57 pH	14.88 °C	326.04 µS/cm	2.19 mg/L	0.85 NTU	17.4 mV	95.84 ft	0.16 PSU	120.00 ml/min
3/5/2025 3:42 PM	30:00	7.59 pH	14.74 °C	323.17 µS/cm	2.29 mg/L	0.74 NTU	9.6 mV	96.31 ft	0.16 PSU	120.00 ml/min
3/5/2025 3:47 PM	35:00	7.60 pH	14.65 °C	325.33 µS/cm	2.27 mg/L	0.75 NTU	2.1 mV	96.85 ft	0.16 PSU	120.00 ml/min
3/5/2025 3:52 PM	40:00	7.61 pH	14.70 °C	325.26 µS/cm	2.39 mg/L	0.65 NTU	-4.0 mV	97.36 ft	0.16 PSU	120.00 ml/min
3/5/2025 3:57 PM	45:00	7.61 pH	14.79 °C	324.84 µS/cm	2.38 mg/L	0.73 NTU	-8.0 mV	97.90 ft	0.16 PSU	120.00 ml/min
3/5/2025 4:02 PM	50:00	7.61 pH	14.72 °C	326.26 µS/cm	2.31 mg/L	0.71 NTU	-10.9 mV	98.70 ft	0.16 PSU	120.00 ml/min
3/5/2025 4:07 PM	55:00	7.61 pH	14.61 °C	328.74 µS/cm	2.30 mg/L	0.68 NTU	-12.0 mV	99.15 ft	0.16 PSU	120.00 ml/min
3/5/2025 4:12 PM	01:00:00	7.61 pH	14.52 °C	327.64 µS/cm	2.27 mg/L	0.66 NTU	-13.7 mV	99.50 ft	0.16 PSU	120.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/6/2025 10:32:05 AM
Project: Plant Bowen LF February 2025
Operator Name: Kyle Rhyne

Location Name: GWC-28 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 37.33 ft** **Total Depth: 47.33 ft** **Initial Depth to Water: 22 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 42.33 ft** **Estimated Total Volume Pumped: 8050 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 115 ml/min** **Final Draw Down: 2.89 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170065**

Test Notes:
Pre-purged 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 0.2	+/- 5	+/- 1000	+/- 0.3	
3/6/2025 10:32 AM	00:00	6.52 pH	12.37 °C	298.85 µS/cm	5.69 mg/L	2.45 NTU	86.8 mV	24.05 ft	115.00 ml/min
3/6/2025 10:37 AM	05:00	7.52 pH	13.68 °C	263.91 µS/cm	3.35 mg/L	1.47 NTU	56.5 mV	24.47 ft	115.00 ml/min
3/6/2025 10:42 AM	10:00	7.62 pH	14.09 °C	262.67 µS/cm	3.23 mg/L	1.33 NTU	42.5 mV	24.58 ft	115.00 ml/min
3/6/2025 10:47 AM	15:00	7.65 pH	14.27 °C	264.44 µS/cm	2.98 mg/L	0.92 NTU	38.6 mV	24.74 ft	115.00 ml/min
3/6/2025 10:52 AM	20:00	7.69 pH	14.65 °C	267.64 µS/cm	2.49 mg/L	1.09 NTU	28.5 mV	24.86 ft	115.00 ml/min
3/6/2025 10:57 AM	25:00	7.72 pH	14.93 °C	277.75 µS/cm	2.01 mg/L	0.91 NTU	18.8 mV	24.92 ft	115.00 ml/min
3/6/2025 11:02 AM	30:00	7.76 pH	14.99 °C	288.97 µS/cm	1.59 mg/L	0.63 NTU	12.2 mV	24.99 ft	115.00 ml/min
3/6/2025 11:07 AM	35:00	7.79 pH	15.12 °C	299.64 µS/cm	1.36 mg/L	0.66 NTU	5.3 mV	24.99 ft	115.00 ml/min
3/6/2025 11:12 AM	40:00	7.81 pH	15.21 °C	309.45 µS/cm	1.20 mg/L	0.52 NTU	-0.2 mV	25.00 ft	115.00 ml/min
3/6/2025 11:17 AM	45:00	7.83 pH	14.98 °C	318.93 µS/cm	1.10 mg/L	0.56 NTU	-6.0 mV	24.99 ft	115.00 ml/min
3/6/2025 11:22 AM	50:00	7.82 pH	15.25 °C	326.24 µS/cm	0.96 mg/L	0.45 NTU	-8.3 mV	24.98 ft	115.00 ml/min
3/6/2025 11:27 AM	55:00	7.80 pH	14.90 °C	332.23 µS/cm	0.88 mg/L	0.66 NTU	-15.2 mV	24.96 ft	115.00 ml/min
3/6/2025 11:32 AM	01:00:00	7.79 pH	15.19 °C	339.87 µS/cm	0.77 mg/L	0.56 NTU	-19.9 mV	24.95 ft	115.00 ml/min
3/6/2025 11:37 AM	01:05:00	7.80 pH	15.03 °C	347.76 µS/cm	0.71 mg/L	0.49 NTU	-19.5 mV	24.92 ft	115.00 ml/min
3/6/2025 11:42 AM	01:10:00	7.82 pH	15.17 °C	353.83 µS/cm	0.63 mg/L	0.45 NTU	-25.0 mV	24.89 ft	115.00 ml/min

Samples

Sample ID:	Description:
GWC-28	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/6/2025 10:50:04 AM
Project: Plant Bowen LF February 2025
Operator Name: Jay Siewert

Location Name: GWC-29R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 99.25 ft** **Total Depth: 109.25 ft** **Initial Depth to Water: 61.33 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 104.25 ft** **Estimated Total Volume Pumped: 280 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 140 ml/min** **Final Draw Down: 0.13 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 850762**

Test Notes:
Complete evacuation performed 3/5/25.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	+/- 10	
3/6/2025 10:50 AM	00:00	7.31 pH	12.97 °C	355.09 µS/cm	6.56 mg/L	1.14 NTU	180.9 mV	61.46 ft	0.17 PSU	140.00 ml/min
3/6/2025 10:51 AM	01:00	7.35 pH	13.74 °C	337.06 µS/cm	6.40 mg/L		177.6 mV	61.46 ft	0.16 PSU	140.00 ml/min
3/6/2025 10:52 AM	02:00	7.37 pH	14.06 °C	320.59 µS/cm	6.25 mg/L	1.14 NTU	185.4 mV	61.46 ft	0.15 PSU	140.00 ml/min

Samples

Sample ID:	Description:
GWC-29R	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/6/2025 10:54:24 AM
Project: Plant Bowen LF February 2025
Operator Name: Natalie Piparo

Location Name: GWC-32 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 52.66 ft** **Total Depth: 62.66 ft** **Initial Depth to Water: 39.14 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 57.66 ft** **Estimated Total Volume Pumped: 6750 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 5.14 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082822**

Test Notes:
Prepurged 2L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
3/6/2025 10:54 AM	00:00	6.85 pH	15.98 °C	422.18 µS/cm	0.57 mg/L	0.54 NTU	-67.0 mV	41.71 ft	0.20 PSU	150.00 ml/min
3/6/2025 10:59 AM	05:00	6.86 pH	15.73 °C	421.86 µS/cm	0.40 mg/L	0.00 NTU	-94.0 mV	42.43 ft	0.20 PSU	150.00 ml/min
3/6/2025 11:04 AM	10:00	6.91 pH	16.01 °C	422.98 µS/cm	0.35 mg/L	0.30 NTU	-109.8 mV	42.64 ft	0.20 PSU	150.00 ml/min
3/6/2025 11:09 AM	15:00	6.94 pH	16.05 °C	421.35 µS/cm	0.33 mg/L	0.31 NTU	-119.6 mV	42.95 ft	0.20 PSU	150.00 ml/min
3/6/2025 11:14 AM	20:00	6.98 pH	16.05 °C	421.99 µS/cm	0.31 mg/L	0.21 NTU	-126.7 mV	43.22 ft	0.20 PSU	150.00 ml/min
3/6/2025 11:19 AM	25:00	7.00 pH	16.19 °C	420.23 µS/cm	0.29 mg/L	0.08 NTU	-130.5 mV	43.49 ft	0.20 PSU	150.00 ml/min
3/6/2025 11:24 AM	30:00	7.02 pH	16.27 °C	415.85 µS/cm	0.28 mg/L	0.72 NTU	-133.5 mV	43.83 ft	0.20 PSU	150.00 ml/min
3/6/2025 11:29 AM	35:00	7.04 pH	16.10 °C	411.84 µS/cm	0.28 mg/L	0.51 NTU	-134.6 mV	44.00 ft	0.20 PSU	150.00 ml/min
3/6/2025 11:34 AM	40:00	7.06 pH	16.09 °C	407.11 µS/cm	0.28 mg/L	0.24 NTU	-134.3 mV	44.14 ft	0.20 PSU	150.00 ml/min
3/6/2025 11:39 AM	45:00	7.08 pH	16.03 °C	405.05 µS/cm	0.31 mg/L	0.18 NTU	-134.7 mV	44.28 ft	0.20 PSU	150.00 ml/min

Samples

Sample ID:	Description:
GWC-32	Metals, Inorganics, Alkalinity, TDS
FD-14	Metals, Inorganics, Alkalinity, TDS

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/1/2025 11:21:01 AM
Project: Plant Bowen LF Semi May 2025 Resample
Operator Name: Natalie Piparo

Location Name: GWC-48 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 49.49 ft** **Total Depth: 59.49 ft** **Initial Depth to Water: 36.62 ft**	**Pump Type: QED Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 54.49 ft** **Estimated Total Volume Pumped: 8250 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.39 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1197755**

Test Notes:
Prepurged 2 L

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	+/- 1000	+/- 5 %	+/- 10 %	+/- 5	+/- 1000	+/- 0.3	+/- 1000	
5/1/2025 11:21 AM	00:00	4.74 pH	19.22 °C	114.60 µS/cm	3.16 mg/L	0.36 NTU	123.6 mV	37.02 ft	0.05 PSU	150.00 ml/min
5/1/2025 11:26 AM	05:00	4.76 pH	19.14 °C	111.53 µS/cm	3.20 mg/L	0.28 NTU	231.8 mV	37.01 ft	0.05 PSU	150.00 ml/min
5/1/2025 11:31 AM	10:00	4.77 pH	18.95 °C	107.87 µS/cm	3.17 mg/L	0.49 NTU	229.7 mV	37.01 ft	0.05 PSU	150.00 ml/min
5/1/2025 11:36 AM	15:00	4.77 pH	18.87 °C	103.70 µS/cm	3.19 mg/L	0.28 NTU	226.1 mV	37.01 ft	0.05 PSU	150.00 ml/min
5/1/2025 11:41 AM	20:00	4.78 pH	18.81 °C	100.08 µS/cm	3.14 mg/L	0.17 NTU	222.8 mV	37.01 ft	0.05 PSU	150.00 ml/min
5/1/2025 11:46 AM	25:00	4.80 pH	18.69 °C	96.62 µS/cm	3.17 mg/L	0.20 NTU	218.5 mV	37.01 ft	0.05 PSU	150.00 ml/min
5/1/2025 11:51 AM	30:00	4.83 pH	18.66 °C	93.07 µS/cm	3.21 mg/L	0.31 NTU	148.1 mV	37.01 ft	0.04 PSU	150.00 ml/min
5/1/2025 11:56 AM	35:00	4.85 pH	18.71 °C	91.27 µS/cm	3.28 mg/L	0.13 NTU	205.7 mV	37.01 ft	0.04 PSU	150.00 ml/min
5/1/2025 12:01 PM	40:00	4.88 pH	18.83 °C	88.53 µS/cm	3.37 mg/L	0.27 NTU	142.1 mV	37.01 ft	0.04 PSU	150.00 ml/min
5/1/2025 12:06 PM	45:00	4.90 pH	18.89 °C	87.45 µS/cm	3.46 mg/L	0.35 NTU	198.5 mV	37.01 ft	0.04 PSU	150.00 ml/min
5/1/2025 12:11 PM	50:00	4.91 pH	18.92 °C	85.97 µS/cm	3.51 mg/L	0.19 NTU	198.9 mV	37.01 ft	0.04 PSU	150.00 ml/min
5/1/2025 12:16 PM	55:00	4.92 pH	18.87 °C	84.37 µS/cm	3.57 mg/L	0.16 NTU	197.5 mV	37.01 ft	0.04 PSU	150.00 ml/min

Samples

Sample ID:	Description:

GWC-48	Mercury
FD-01	Mercury

Created using VuSitu from In-Situ, Inc.

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/18/2025

Calibrated By: Sawyer Kovacs

Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1082822
Turbidity Meter	LaMotte 2020	94534417

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:48	**Time Finish**	09:08		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	93.26	1.75	± 10%	NA
Specific Conductance (µS/cm)	4,490	2,724.00	2.09	± 10% of standard	EPA 2023
pH (SU)	4.00	3.98	2.30	± 0.1	GWMP
pH (SU)	7.00	7.10	1.69	± 0.1	GWMP
pH (SU)	10.00	10.21	0.94	± 0.1	GWMP
ORP (mV)	228.0	238.70	1.06	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.02	± 10% of standard	EPA 2023
	1.00	0.89		
	10.00	6.82		

Calibration Check					
Time Start	14:29	**Time Finish**	14:33		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,001.50	6.17	± 10% of standard	EPA 2023
pH (SU)	4.00	4.19	6.11	± 0.1	GWMP
pH (SU)	7.00	7.32	7.97	± 0.1	GWMP
pH (SU)	10.00	10.24	10.71	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.55	± 10% of standard	EPA 2023
	1.00	1.44		
	10.00	7.64		

Notes:

Start of Day: Frozen cal fluid.

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/19/2025

Calibrated By: It Siewert

Field Conditions: 45°/24°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	850762
Turbidity Meter	LaMotte 2020	70423818

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:24	**Time Finish**	08:39		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	101.25	4.55	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,421.60	4.56	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03	4.56	± 0.1	GWMP
pH (SU)	7.00	7.11	5.16	± 0.1	GWMP
pH (SU)	10.00	10.11	5.58	± 0.1	GWMP
ORP (mV)	228.0	217.00	5.59	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.09		
	10.00	10.92		

Calibration Check					
Time Start	16:39	**Time Finish**	16:47		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,362.90	6.17	± 10% of standard	EPA 2023
pH (SU)	4.00	4.18	6.17	± 0.1	GWMP
pH (SU)	7.00	7.22	6.62	± 0.1	GWMP
pH (SU)	10.00	10.19	7.30	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.07		
	10.00	10.44		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/19/2025

Calibrated By: Sawyer Kovacs

Field Conditions: Rain

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1082822
Turbidity Meter	LaMotte 2020	94534417

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:17	**Time Finish**	08:29		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	101.12	4.44	± 10%	NA
Specific Conductance (µS/cm)	4,490	2,577.10	4.40	± 10% of standard	EPA 2023
pH (SU)	4.00	4.05	4.47	± 0.1	GWMP
pH (SU)	7.00	7.07	4.85	± 0.1	GWMP
pH (SU)	10.00	10.10	5.05	± 0.1	GWMP
ORP (mV)	228.0	220.00	5.18	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.69	± 10% of standard	EPA 2023
	1.00	1.54		
	10.00	8.93		

Calibration Check					
Time Start	16:39	**Time Finish**	16:44		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,462.00	5.88	± 10% of standard	EPA 2023
pH (SU)	4.00	4.08	5.88	± 0.1	GWMP
pH (SU)	7.00	7.30	6.17	± 0.1	GWMP
pH (SU)	10.00	10.33	6.52	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.16	± 10% of standard	EPA 2023
	1.00	0.89		
	10.00	6.72		

Notes:

Start of Day: Rain

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/20/2025

Calibrated By: Jay Siewert

Field Conditions: 33/18

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	850762
Turbidity Meter	LaMotte 2020	70423818

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	09:04	**Time Finish**	09:28		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.86	0.87	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,498.00	0.86	± 10% of standard	EPA 2023
pH (SU)	4.00	4.04	0.82	± 0.1	GWMP
pH (SU)	7.00	7.09	0.93	± 0.1	GWMP
pH (SU)	10.00	10.17	0.73	± 0.1	GWMP
ORP (mV)	228.0	235.30	0.67	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.02		
	10.00	10.54		

Calibration Check					
Time Start	16:57	**Time Finish**	17:04		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,361.40	2.61	± 10% of standard	EPA 2023
pH (SU)	4.00	4.13	2.62	± 0.1	GWMP
pH (SU)	7.00	7.07	2.77	± 0.1	GWMP
pH (SU)	10.00	10.09	2.96	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.10		
	10.00	10.82		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/20/2025

Calibrated By: Sawyer Kovacs

Field Conditions: Snow

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1082822
Turbidity Meter	LaMotte 2020	94534417

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:16	**Time Finish**	08:49		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	110.22	-0.29	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,212.40	-0.27	± 10% of standard	EPA 2023
pH (SU)	4.00	3.83	-0.16	± 0.1	GWMP
pH (SU)	7.00	6.99	0.09	± 0.1	GWMP
pH (SU)	10.00	10.08	0.14	± 0.1	GWMP
ORP (mV)	228.0	235.50	0.20	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0.00	0.04	± 10% of standard	EPA 2023
	1.00	0.83		
	10.00	8.18		

Calibration Check					
Time Start	16:51	**Time Finish**	16:54		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	3,221.40	4.04	± 10% of standard	EPA 2023
pH (SU)	4.00	4.38	4.05	± 0.1	GWMP
pH (SU)	7.00	7.47	4.64	± 0.1	GWMP
pH (SU)	10.00	10.40	7.23	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0.00	0.11	± 10% of standard	EPA 2023
	1.00	0.84		
	10.00	6.77		

Notes:

Start of Day: Snow, Below Freezing (25*F)

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/24/2025

Calibrated By: Jay Siewert

Field Conditions: 60°/30°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	850762
Turbidity Meter	LaMotte 2020	70423818

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:40	**Time Finish**	08:51		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	101.01	14.02	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,326.80	10.10	± 10% of standard	EPA 2023
pH (SU)	4.00	3.99	9.59	± 0.1	GWMP
pH (SU)	7.00	7.06	6.45	± 0.1	GWMP
pH (SU)	10.00	10.08	4.74	± 0.1	GWMP
ORP (mV)	228.0	261.20	4.26	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.08		
	10.00	10.40		

Calibration Check					
Time Start	17:22	**Time Finish**	17:29		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,382.00	11.73	± 10% of standard	EPA 2023
pH (SU)	4.00	4.10	11.76	± 0.1	GWMP
pH (SU)	7.00	7.17	12.44	± 0.1	GWMP
pH (SU)	10.00	10.24	13.93	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.08		
	10.00	10.59		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/24/2025

Calibrated By: Sawyer Kovacs

Field Conditions: Clear

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1082822
Turbidity Meter	LaMotte 2020	94534417

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:24	**Time Finish**	08:43		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	103.11	11.40	± 10%	NA
Specific Conductance (µS/cm)	4,490	3,401.30	11.84	± 10% of standard	EPA 2023
pH (SU)	4.00	3.94	11.83	± 0.1	GWMP
pH (SU)	7.00	7.10	5.64	± 0.1	GWMP
pH (SU)	10.00	10.17	3.83	± 0.1	GWMP
ORP (mV)	228.0	222.50	3.06	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.49	± 10% of standard	EPA 2023
	1.00	0.94		
	10.00	5.26		

Calibration Check					
Time Start	15:55	**Time Finish**	15:58		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	2,619.10	8.68	± 10% of standard	EPA 2023
pH (SU)	4.00	4.18	8.74	± 0.1	GWMP
pH (SU)	7.00	7.27	11.00	± 0.1	GWMP
pH (SU)	10.00	10.23	10.82	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.10	± 10% of standard	EPA 2023
	1.00	0.41		
	10.00	4.90		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/25/2025

Calibrated By: Jay Siewert

Field Conditions: 71°/34°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	850762
Turbidity Meter	LaMotte 2020	70423818

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	10:00	**Time Finish**	10:14		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	103.85	5.48	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,502.30	6.10	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03	6.27	± 0.1	GWMP
pH (SU)	7.00	7.07	7.04	± 0.1	GWMP
pH (SU)	10.00	10.12	8.35	± 0.1	GWMP
ORP (mV)	228.0	218.40	7.80	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.02		
	10.00	10.42		

Calibration Check					
Time Start	10:14	**Time Finish**	16:53		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,408.10	18.29	± 10% of standard	EPA 2023
pH (SU)	4.00	4.17	18.24	± 0.1	GWMP
pH (SU)	7.00	7.15	19.40	± 0.1	GWMP
pH (SU)	10.00	10.19	19.97	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.09		
	10.00	10.28		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/25/2025

Calibrated By: Kyle Rhyne

Field Conditions: 72°/38° clear

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	980712
Turbidity Meter	LaMotte 2020	20680320

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:53	**Time Finish**	09:10		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	104.60	5.98	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,527.30	6.23	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	6.48	± 0.1	GWMP
pH (SU)	7.00	7.04	6.79	± 0.1	GWMP
pH (SU)	10.00	10.21	5.99	± 0.1	GWMP
ORP (mV)	228.0	228.80	6.41	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.07	± 10% of standard	EPA 2023
	1.00	1.24		
	10.00	9.78		

Calibration Check					
Time Start	16:17	**Time Finish**	16:43		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,274.50	27.18	± 10% of standard	EPA 2023
pH (SU)	4.00	4.08	27.22	± 0.1	GWMP
pH (SU)	7.00	7.14	27.35	± 0.1	GWMP
pH (SU)	10.00	10.19	27.53	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.02	± 10% of standard	EPA 2023
	1.00	0.92		
	10.00	9.90		

Notes:

Start of Day: 0805

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/25/2025

Calibrated By: Natalie Piparo

Field Conditions: H 70, L 34

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	843285
Turbidity Meter	LaMotte 2020	41262623

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:38	**Time Finish**	08:50		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	103.16	4.34	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,699.60	4.79	± 10% of standard	EPA 2023
pH (SU)	4.00	4.14	4.99	± 0.1	GWMP
pH (SU)	7.00	7.20	5.34	± 0.1	GWMP
pH (SU)	10.00	10.26	5.59	± 0.1	GWMP
ORP (mV)	228.0	225.60	5.65	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.13		
	10.00	10.10		

Calibration Check					
Time Start	17:12	**Time Finish**	17:21		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,314.20	19.21	± 10% of standard	EPA 2023
pH (SU)	4.00	4.32	19.23	± 0.1	GWMP
pH (SU)	7.00	7.25	20.20	± 0.1	GWMP
pH (SU)	10.00	10.12	21.17	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.01	± 10% of standard	EPA 2023
	1.00	1.33		
	10.00	10.34		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/25/2025

Calibrated By: Sawyer Kovacs

Field Conditions: Smog

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1082822
Turbidity Meter	LaMotte 2020	94534417

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:32	**Time Finish**	08:39		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	101.31	4.93	± 10%	NA
Specific Conductance (µS/cm)	4,490	2,344.50	4.99	± 10% of standard	EPA 2023
pH (SU)	4.00	4.07	5.05	± 0.1	GWMP
pH (SU)	7.00	7.03	5.83	± 0.1	GWMP
pH (SU)	10.00	10.09	6.67	± 0.1	GWMP
ORP (mV)	228.0	6.82	222.00	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.01	± 10% of standard	EPA 2023
	1.00	0.91		
	10.00	5.22		

Calibration Check					
Time Start	16:47	**Time Finish**	16:51		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,486.40	15.94	± 10% of standard	EPA 2023
pH (SU)	4.00	4.13	15.95	± 0.1	GWMP
pH (SU)	7.00	7.27	17.45	± 0.1	GWMP
pH (SU)	10.00	10.21	18.85	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.20	± 10% of standard	EPA 2023
	1.00	0.73		
	10.00	6.15		

Notes:

Start of Day: Smog

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/26/2025

Calibrated By: Jay Siewert

Field Conditions: 73°/36°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	850762
Turbidity Meter	LaMotte 2020	70423818

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	09:18	**Time Finish**	09:37		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	98.69	6.61	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,476.80	7.10	± 10% of standard	EPA 2023
pH (SU)	4.00	4.10	7.97	± 0.1	GWMP
pH (SU)	7.00	7.19	8.96	± 0.1	GWMP
pH (SU)	10.00	10.21	8.73	± 0.1	GWMP
ORP (mV)	228.0	226.70	8.73	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.01		
	10.00	10.91		

Calibration Check					
Time Start	15:18	**Time Finish**	15:29		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,277.90	15.91	± 10% of standard	EPA 2023
pH (SU)	4.00	4.12	16.14	± 0.1	GWMP
pH (SU)	7.00	7.15	16.65	± 0.1	GWMP
pH (SU)	10.00	10.08	18.47	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.07		
	10.00	10.64		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/26/2025

Calibrated By: Kyle Rhyne

Field Conditions: 48°/75° clear

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	980712
Turbidity Meter	LaMotte 2020	20680320

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:34	**Time Finish**	08:49		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.60	12.14	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,508.80	6.29	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	6.46	± 0.1	GWMP
pH (SU)	7.00	7.05	7.97	± 0.1	GWMP
pH (SU)	10.00	10.10	8.95	± 0.1	GWMP
ORP (mV)	228.0	222.60	9.41	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.06	± 10% of standard	EPA 2023
	1.00	1.03		
	10.00	9.90		

Calibration Check					
Time Start	16:57	**Time Finish**	17:05		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,345.10	30.76	± 10% of standard	EPA 2023
pH (SU)	4.00	4.28	30.66	± 0.1	GWMP
pH (SU)	7.00	7.36	31.07	± 0.1	GWMP
pH (SU)	10.00	10.22	31.25	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.05	± 10% of standard	EPA 2023
	1.00	0.98		
	10.00	9.76		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/26/2025

Calibrated By: Natalie Piparo

Field Conditions: H 73, L 35

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	843285
Turbidity Meter	LaMotte 2020	41262623

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:26	**Time Finish**	08:40		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	97.83	5.16	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,630.70	6.02	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	6.23	± 0.1	GWMP
pH (SU)	7.00	7.07	7.25	± 0.1	GWMP
pH (SU)	10.00	10.15	7.78	± 0.1	GWMP
ORP (mV)	228.0	224.40	7.80	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.25		
	10.00	10.69		

Calibration Check					
Time Start	16:16	**Time Finish**	16:23		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,410.60	18.25	± 10% of standard	EPA 2023
pH (SU)	4.00	4.51	18.00	± 0.1	GWMP
pH (SU)	7.00	7.40	18.75	± 0.1	GWMP
pH (SU)	10.00	10.14	18.13	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.12		
	10.00	10.11		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/26/2025

Calibrated By: Sawyer Kovacs

Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1082822
Turbidity Meter	LaMotte 2020	94534417

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:50	**Time Finish**	09:01		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.97	5.49	± 10%	NA
Specific Conductance (µS/cm)	4,490	3,045.80	5.54	± 10% of standard	EPA 2023
pH (SU)	4.00	3.99	5.59	± 0.1	GWMP
pH (SU)	7.00	7.08	4.96	± 0.1	GWMP
pH (SU)	10.00	10.12	4.89	± 0.1	GWMP
ORP (mV)	228.0	231.40	5.57	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.07	± 10% of standard	EPA 2023
	1.00	0.91		
	10.00	7.27		

Calibration Check					
Time Start	16:34	**Time Finish**	16:36		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	3,475.70	14.65	± 10% of standard	EPA 2023
pH (SU)	4.00	4.11	14.65	± 0.1	GWMP
pH (SU)	7.00	7.24	16.44	± 0.1	GWMP
pH (SU)	10.00	10.25	19.74	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.04	± 10% of standard	EPA 2023
	1.00	0.99		
	10.00	7.66		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/27/2025

Calibrated By: Jay Siewert

Field Conditions: 69°/43°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	850762
Turbidity Meter	LaMotte 2020	70423818

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:28	**Time Finish**	08:44		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.49	10.08	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,564.00	10.34	± 10% of standard	EPA 2023
pH (SU)	4.00	3.93	10.53	± 0.1	GWMP
pH (SU)	7.00	6.93	11.04	± 0.1	GWMP
pH (SU)	10.00	10.05	11.55	± 0.1	GWMP
ORP (mV)	228.0	221.10	11.82	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.05		
	10.00	10.84		

Calibration Check					
Time Start	16:20	**Time Finish**	16:29		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,419.10	15.56	± 10% of standard	EPA 2023
pH (SU)	4.00	4.13	15.60	± 0.1	GWMP
pH (SU)	7.00	7.15	15.65	± 0.1	GWMP
pH (SU)	10.00	10.14	16.18	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.02		
	10.00	10.79		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/27/2025

Calibrated By: Kyle Rhyne

Field Conditions: 38°/66° clear

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	980712
Turbidity Meter	LaMotte 2020	20680320

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:30	**Time Finish**	08:42		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	98.95	9.83	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,562.50	11.19	± 10% of standard	EPA 2023
pH (SU)	4.00	3.99	11.79	± 0.1	GWMP
pH (SU)	7.00	7.04	12.16	± 0.1	GWMP
pH (SU)	10.00	10.13	12.74	± 0.1	GWMP
ORP (mV)	228.0	223.10	12.67	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.04	± 10% of standard	EPA 2023
	1.00	1.08		
	10.00	10.14		

Calibration Check					
Time Start	15:43	**Time Finish**	15:52		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,211.10	23.19	± 10% of standard	EPA 2023
pH (SU)	4.00	4.19	23.19	± 0.1	GWMP
pH (SU)	7.00	7.20	23.16	± 0.1	GWMP
pH (SU)	10.00	10.15	23.14	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.04	± 10% of standard	EPA 2023
	1.00	1.06		
	10.00	9.61		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/27/2025

Calibrated By: Natalie Piparo

Field Conditions: H 66, L 46

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	843285
Turbidity Meter	LaMotte 2020	41262623

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:26	**Time Finish**	08:38		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	102.29	10.53	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,485.70	11.08	± 10% of standard	EPA 2023
pH (SU)	4.00	4.08	11.20	± 0.1	GWMP
pH (SU)	7.00	7.10	11.27	± 0.1	GWMP
pH (SU)	10.00	10.11	12.03	± 0.1	GWMP
ORP (mV)	228.0	219.80	12.56	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.04	± 10% of standard	EPA 2023
	1.00	1.11		
	10.00	10.00		

Calibration Check					
Time Start	16:38	**Time Finish**	16:42		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,492.60	16.27	± 10% of standard	EPA 2023
pH (SU)	4.00	4.22	16.28	± 0.1	GWMP
pH (SU)	7.00	7.21	16,136.00	± 0.1	GWMP
pH (SU)	10.00	10.23	16.99	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.06	± 10% of standard	EPA 2023
	1.00	1.19		
	10.00	10.42		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/27/2025

Calibrated By: Sawyer Kovacs

Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1082822
Turbidity Meter	LaMotte 2020	94534417

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:42	**Time Finish**	08:49		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.88	10.68	± 10%	NA
Specific Conductance (µS/cm)	4,490	3,336.00	10.76	± 10% of standard	EPA 2023
pH (SU)	4.00	3.98	10.87	± 0.1	GWMP
pH (SU)	7.00	7.02	12.17	± 0.1	GWMP
pH (SU)	10.00	10.15	12.82	± 0.1	GWMP
ORP (mV)	228.0	215.20	13.07	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.01	± 10% of standard	EPA 2023
	1.00	1.10		
	10.00	7.15		

Calibration Check					
Time Start	15:52	**Time Finish**	15:58		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	3,782.20	17.52	± 10% of standard	EPA 2023
pH (SU)	4.00	4.09	17.45	± 0.1	GWMP
pH (SU)	7.00	7.25	18.01	± 0.1	GWMP
pH (SU)	10.00	10.25	18.02	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.04	± 10% of standard	EPA 2023
	1.00	0.93		
	10.00	7.01		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/28/2025

Calibrated By: Jay Siewert

Field Conditions: 65°/36°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	850762
Turbidity Meter	LaMotte 2020	70423818

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	09:12	**Time Finish**	09:27		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.95	7.44	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,470.10	7.77	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	7.99	± 0.1	GWMP
pH (SU)	7.00	7.08	9.68	± 0.1	GWMP
pH (SU)	10.00	10.13	10.30	± 0.1	GWMP
ORP (mV)	228.0	230.20	10.48	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.04		
	10.00	10.59		

Calibration Check					
Time Start	12:20	**Time Finish**	12:26		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,237.80	15.64	± 10% of standard	EPA 2023
pH (SU)	4.00	4.08	15.48	± 0.1	GWMP
pH (SU)	7.00	14.93	7.18	± 0.1	GWMP
pH (SU)	10.00	10.19	15.31	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.08		
	10.00	10.81		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/28/2025

Calibrated By: Kyle Rhyne

Field Conditions: 44°/68° clear

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	980712
Turbidity Meter	LaMotte 2020	20680320

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:27	**Time Finish**	08:44		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.41	6.87	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,457.10	9.48	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02	9.93	± 0.1	GWMP
pH (SU)	7.00	7.07	10.89	± 0.1	GWMP
pH (SU)	10.00	10.10	11.37	± 0.1	GWMP
ORP (mV)	228.0	231.10	11.44	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.02	± 10% of standard	EPA 2023
	1.00	0.97		
	10.00	10.78		

Calibration Check					
Time Start	12:38	**Time Finish**	12:47		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,274.90	25.34	± 10% of standard	EPA 2023
pH (SU)	4.00	4.18	25.49	± 0.1	GWMP
pH (SU)	7.00	7.20	23.86	± 0.1	GWMP
pH (SU)	10.00	10.19	22.80	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.07	± 10% of standard	EPA 2023
	1.00	1.03		
	10.00	10.09		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/28/2025

Calibrated By: Natalie Piparo

Field Conditions: H 66, L 35

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	843285
Turbidity Meter	LaMotte 2020	41262623

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:21	**Time Finish**	08:33		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.43	5.15	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,504.20	7.01	± 10% of standard	EPA 2023
pH (SU)	4.00	4.10	7.16	± 0.1	GWMP
pH (SU)	7.00	7.14	8.19	± 0.1	GWMP
pH (SU)	10.00	10.25	8.74	± 0.1	GWMP
ORP (mV)	228.0	234.80	8.93	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.35		
	10.00	9.97		

Calibration Check					
Time Start	12:20	**Time Finish**	12:27		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,333.90	11.59	± 10% of standard	EPA 2023
pH (SU)	4.00	4.42	11.57	± 0.1	GWMP
pH (SU)	7.00	7.30	12.02	± 0.1	GWMP
pH (SU)	10.00	10.18	12.98	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.07		
	10.00	10.62		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 02/28/2025

Calibrated By: Sawyer Kovacs

Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1082822
Turbidity Meter	LaMotte 2020	94534417

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:37	**Time Finish**	08:44		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.51	5.97	± 10%	NA
Specific Conductance (µS/cm)	4,490	2,888.40	6.26	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	6.42	± 0.1	GWMP
pH (SU)	7.00	7.08	6.58	± 0.1	GWMP
pH (SU)	10.00	10.20	6.58	± 0.1	GWMP
ORP (mV)	228.0	238.60	7.01	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.03	± 10% of standard	EPA 2023
	1.00	1.07		
	10.00	7.37		

Calibration Check					
Time Start	12:09	**Time Finish**	12:15		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	3,104.80	10.11	± 10% of standard	EPA 2023
pH (SU)	4.00	4.10	10.09	± 0.1	GWMP
pH (SU)	7.00	7.27	10.94	± 0.1	GWMP
pH (SU)	10.00	10.27	14.27	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.07	± 10% of standard	EPA 2023
	1.00	0.99		
	10.00	7.30		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen LF

Date: 3/3/25

Calibrated By: Jay Sievert

Field Conditions: 61°/300

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	850762
Turbidity Meter	LaMotte 2020	7042318

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24[illegible]0943	5/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24[illegible]0943	5/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24[illegible]1466	1/2026	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24011537	1/2026	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24[illegible]0943	5/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24011792	6/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	0840	Time Finish	0924		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	96.60	1.04	± 10%	NA
Specific Conductance (µS/cm)	4,490	4603.8	1.14	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	1.25	± 0.1	GWMP
pH (SU)	7.00	7.09	1.72	± 0.1	GWMP
pH (SU)	10.00	10.12	2.09	± 0.1	GWMP
ORP (mV)	228.0	239.1	3.53	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0.00	0.00	± 10% of standard	EPA 2023
	1.00	1.06		
	10.00	10.29		

Calibration Check					
Time Start	1636	Time Finish	1645		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4304.2	14.34	± 10% of standard	EPA 2023
pH (SU)	4.00	4.12	14.24	± 0.1	GWMP
pH (SU)	7.00	7.15	14.02	± 0.1	GWMP
pH (SU)	10.00	10.13	14.86	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0.00	0.00	± 10% of standard	EPA 2023
	1.00	1.03		
	10.00	10.09		

Notes:

Site Name: Plant Bowen LF

Field Instrumentation Calibration Form

Date: 3/3/25

Calibrated By: Natalie Pipero, Kyle Rhyne

Field Conditions: H 61, L 32

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	980712
Turbidity Meter	LaMotte 2020	2068-0320

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24014266	01/2026	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24011537	01/2026	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24011792	06/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	0955	Time Finish	1024		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	101.56	3.02	± 10%	NA
Specific Conductance (µS/cm)	4,490	4383.4	4.14	± 10% of standard	EPA 2023
pH (SU)	4.00	3.97	4.36	± 0.1	GWMP
pH (SU)	7.00	7.07	4.35	± 0.1	GWMP
pH (SU)	10.00	10.19	4.58	± 0.1	GWMP
ORP (mV)	228.0	241.9	4.66	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0.00	0.03	± 10% of standard	EPA 2023
	1.00	1.21		
	10.00	10.24		

Calibration Check					
Time Start	1615	Time Finish	16:21		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4462.6	13.94	± 10% of standard	EPA 2023
pH (SU)	4.00	4.25	13.92	± 0.1	GWMP
pH (SU)	7.00	7.34	13.99	± 0.1	GWMP
pH (SU)	10.00	10.18	15.70	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0.00	0.02	± 10% of standard	EPA 2023
	1.00	1.35		
	10.00	10.11		

Notes:

Field Instrumentation Calibration Form

Site Name: Plant Bowen AP

Date: 03/03/2025

Calibrated By: Sawyer Kovacs

Field Conditions: Partly Cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1082822
Turbidity Meter	LaMotte 2020	94534417

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration

Time Start	08:34	Time Finish	08:53		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	97.83	0.75	± 10%	NA
Specific Conductance (µS/cm)	4,490	2,504.50	0.98	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03	0.98	± 0.1	GWMP
pH (SU)	7.00	7.09	2.15	± 0.1	GWMP
pH (SU)	10.00	10.19	2.87	± 0.1	GWMP
ORP (mV)	228.0	234.60	3.14	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0.00	0.03	± 10% of standard	EPA 2023
	1.00	1.16		
	10.00	7.63		

Calibration Check

Time Start	14:56	Time Finish	15:06		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	2,891.30	21.66	± 10% of standard	EPA 2023
pH (SU)	4.00	4.13	21.66	± 0.1	GWMP
pH (SU)	7.00	7.27	21.66	± 0.1	GWMP
pH (SU)	10.00	10.21	21.59	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0.00	0.23	± 10% of standard	EPA 2023
	1.00	0.68		
	10.00	5.97		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 03/04/2025

Calibrated By: Jay Siewert

Field Conditions: 66°/37°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	850762
Turbidity Meter	LaMotte 2020	20680320

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:39	**Time Finish**	08:59		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	103.09	7.01	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,356.30	8.07	± 10% of standard	EPA 2023
pH (SU)	4.00	3.98	8.35	± 0.1	GWMP
pH (SU)	7.00	7.03	9.11	± 0.1	GWMP
pH (SU)	10.00	10.20	9.81	± 0.1	GWMP
ORP (mV)	228.0	214.90	9.77	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.01		
	10.00	10.41		

Calibration Check					
Time Start	15:53	**Time Finish**	15:58		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,352.20	16.62	± 10% of standard	EPA 2023
pH (SU)	4.00	4.12	16.58	± 0.1	GWMP
pH (SU)	7.00	7.11	16.90	± 0.1	GWMP
pH (SU)	10.00	10.17	18.77	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.10		
	10.00	10.28		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 03/04/2025

Calibrated By: Kyle Rhyne

Field Conditions: 52°/69° partly cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1170065
Turbidity Meter	LaMotte 2020	70423818

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:31	**Time Finish**	08:49		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	101.68	7.84	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,646.90	8.95	± 10% of standard	EPA 2023
pH (SU)	4.00	4.05	8.55	± 0.1	GWMP
pH (SU)	7.00	7.13	7.67	± 0.1	GWMP
pH (SU)	10.00	10.12	8.04	± 0.1	GWMP
ORP (mV)	228.0	244.90	7.92	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.01	± 10% of standard	EPA 2023
	1.00	0.98		
	10.00	10.40		

Calibration Check					
Time Start	15:53	**Time Finish**	15:58		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,394.20	25.05	± 10% of standard	EPA 2023
pH (SU)	4.00	4.11	25.05	± 0.1	GWMP
pH (SU)	7.00	7.17	25.00	± 0.1	GWMP
pH (SU)	10.00	10.18	24.92	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.01	± 10% of standard	EPA 2023
	1.00	1.02		
	10.00	10.19		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 03/04/2025

Calibrated By: Natalie Piparo

Field Conditions: H 68, L 37

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	980712
Turbidity Meter	LaMotte 2020	41262623

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:32	**Time Finish**	08:48		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	97.87	7.33	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,512.00	9.08	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03	9.89	± 0.1	GWMP
pH (SU)	7.00	7.07	10.82	± 0.1	GWMP
pH (SU)	10.00	10.04	11.50	± 0.1	GWMP
ORP (mV)	228.0	216.20	12.36	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.05	± 10% of standard	EPA 2023
	1.00	1.22		
	10.00	10.30		

Calibration Check					
Time Start	13:35	**Time Finish**	13:35		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490			± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00		± 10% of standard	EPA 2023
	1.00			
	10.00			

Notes:

Start of Day:

End of Day: Temperature sensor on AquaTroll malfunctioned after first sample collected. End of day calibration was not performed.

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 03/04/2025

Calibrated By: Sawyer Kovacs

Field Conditions: Mostly Cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1082822
Turbidity Meter	LaMotte 2020	94534417

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration

Time Start	08:21	Time Finish	08:35		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	103.51	6.66	± 10%	NA
Specific Conductance (µS/cm)	4,490	2,863.20	6.69	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	6.77	± 0.1	GWMP
pH (SU)	7.00	7.06	7.50	± 0.1	GWMP
pH (SU)	10.00	10.09	7.98	± 0.1	GWMP
ORP (mV)	228.0	220.00	8.09	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0.00	0.01	± 10% of standard	EPA 2023
	1.00	0.52		
	10.00	5.20		

Calibration Check

Time Start	15:32	Time Finish	15:35		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	3,417.10	14.77	± 10% of standard	EPA 2023
pH (SU)	4.00	4.13	14.66	± 0.1	GWMP
pH (SU)	7.00	7.26	15.55	± 0.1	GWMP
pH (SU)	10.00	10.25	17.13	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0.00	0.05	± 10% of standard	EPA 2023
	1.00	0.74		
	10.00	5.30		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 03/05/2025

Calibrated By: Jay Siewert

Field Conditions: 57°/34°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	850762
Turbidity Meter	LaMotte 2020	70423818

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	09:15	**Time Finish**	09:33		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.30	14.02	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,491.50	14.11	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03	14.24	± 0.1	GWMP
pH (SU)	7.00	7.07	14.92	± 0.1	GWMP
pH (SU)	10.00	10.06	15.32	± 0.1	GWMP
ORP (mV)	228.0	217.10	15.28	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.08		
	10.00	10.17		

Calibration Check					
Time Start	16:49	**Time Finish**	16:57		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,575.90	12.01	± 10% of standard	EPA 2023
pH (SU)	4.00	4.11	11.93	± 0.1	GWMP
pH (SU)	7.00	7.16	11.68	± 0.1	GWMP
pH (SU)	10.00	10.21	11.59	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.05		
	10.00	10.02		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 03/05/2025

Calibrated By: Kyle Rhyne

Field Conditions: 33°/56° cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1170065
Turbidity Meter	LaMotte 2020	20680320

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:45	**Time Finish**	08:59		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.12	12.88	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,510.70	13.56	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	13.62	± 0.1	GWMP
pH (SU)	7.00	7.01	13.91	± 0.1	GWMP
pH (SU)	10.00	10.11	13.77	± 0.1	GWMP
ORP (mV)	228.0	220.20	13.44	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.02	± 10% of standard	EPA 2023
	1.00	1.07		
	10.00	9.57		

Calibration Check					
Time Start	15:16	**Time Finish**	15:25		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,525.10	12.81	± 10% of standard	EPA 2023
pH (SU)	4.00	4.11	12.80	± 0.1	GWMP
pH (SU)	7.00	7.18	12.70	± 0.1	GWMP
pH (SU)	10.00	10.18	12.57	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.09	± 10% of standard	EPA 2023
	1.00	1.05		
	10.00	10.19		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 03/05/2025

Calibrated By: Natalie Piparo

Field Conditions: H 63, L 37

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1082822
Turbidity Meter	LaMotte 2020	41262623

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:36	**Time Finish**	08:49		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.72	13.12	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,511.10	13.70	± 10% of standard	EPA 2023
pH (SU)	4.00	3.97	13.93	± 0.1	GWMP
pH (SU)	7.00	7.07	14.57	± 0.1	GWMP
pH (SU)	10.00	10.14	15.02	± 0.1	GWMP
ORP (mV)	228.0	214.00	15.08	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.40		
	10.00	10.40		

Calibration Check					
Time Start	16:10	**Time Finish**	16:15		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,551.90	12.42	± 10% of standard	EPA 2023
pH (SU)	4.00	4.12	12.39	± 0.1	GWMP
pH (SU)	7.00	7.22	12.06	± 0.1	GWMP
pH (SU)	10.00	10.30	11.89	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0.00	0.02	± 10% of standard	EPA 2023
	1.00	1.19		
	10.00	10.33		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 03/06/2025

Calibrated By: Jay Siewert

Field Conditions: 52°/35°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	850762
Turbidity Meter	LaMotte 2020	70423818

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:48	**Time Finish**	09:02		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.29	5.51	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,448.40	5.49	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	5.53	± 0.1	GWMP
pH (SU)	7.00	7.05	5.38	± 0.1	GWMP
pH (SU)	10.00	10.26	5.34	± 0.1	GWMP
ORP (mV)	228.0	242.90	5.64	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.05		
	10.00	10.09		

Calibration Check					
Time Start	12:42	**Time Finish**	12:53		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,211.50	14.46	± 10% of standard	EPA 2023
pH (SU)	4.00	4.11	14.19	± 0.1	GWMP
pH (SU)	7.00	7.18	15.65	± 0.1	GWMP
pH (SU)	10.00	10.08	16.26	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.04		
	10.00	10.42		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 03/06/2025

Calibrated By: Kyle Rhyne

Field Conditions: 32°/55° partly cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1170065
Turbidity Meter	LaMotte 2020	20680320

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:57	**Time Finish**	09:13		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.60	5.75	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,507.30	6.87	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	6.83	± 0.1	GWMP
pH (SU)	7.00	7.08	6.90	± 0.1	GWMP
pH (SU)	10.00	10.21	6.50	± 0.1	GWMP
ORP (mV)	228.0	238.80	6.30	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.01	± 10% of standard	EPA 2023
	1.00	1.01		
	10.00	9.93		

Calibration Check					
Time Start	13:08	**Time Finish**	13:17		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,162.70	23.67	± 10% of standard	EPA 2023
pH (SU)	4.00	4.18	23.57	± 0.1	GWMP
pH (SU)	7.00	7.23	23.43	± 0.1	GWMP
pH (SU)	10.00	10.08	23.31	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.03	± 10% of standard	EPA 2023
	1.00	1.05		
	10.00	9.65		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen

Date: 03/06/2025

Calibrated By: Natalie Piparo

Field Conditions: H 53, L 36

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1082822
Turbidity Meter	LaMotte 2020	41262623

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:38	**Time Finish**	08:55		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	98.47	5.41	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,526.00	5.90	± 10% of standard	EPA 2023
pH (SU)	4.00	3.98	6.08	± 0.1	GWMP
pH (SU)	7.00	7.03	6.57	± 0.1	GWMP
pH (SU)	10.00	10.13	6.97	± 0.1	GWMP
ORP (mV)	228.0	242.00	7.09	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.04	± 10% of standard	EPA 2023
	1.00	1.16		
	10.00	10.66		

Calibration Check					
Time Start	12:56	**Time Finish**	13:02		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,302.10	9.64	± 10% of standard	EPA 2023
pH (SU)	4.00	6.00	9.59	± 0.1	GWMP
pH (SU)	7.00	7.29	10.16	± 0.1	GWMP
pH (SU)	10.00	10.31	11.55	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.20		
	10.00	10.11		

Notes:

Start of Day:

End of Day:

Field Instrumentation Calibration Form

Site Name: Plant Bowen LF/AP

Date: 05/01/2025

Calibrated By: Natalie Piparo

Field Conditions: H 82, L 66

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1197755
Turbidity Meter	LaMotte 2020	20680320

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	4.00	24010943	05/2025	Atlanta Instrument Rental, Inc.
pH (SU)	7.00	24008587	06/2025	Atlanta Instrument Rental, Inc.
pH (SU)	10.00	24004996	06/2025	Atlanta Instrument Rental, Inc.
D.O. (%)	N/A	24010943	05/2025	Atlanta Instrument Rental, Inc.
ORP (mV)	228.0	24006903	05/2025	Atlanta Instrument Rental, Inc.

Calibration					
Time Start	08:53	**Time Finish**	09:11		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	101.45	23.34	± 10%	NA
Specific Conductance (µS/cm)	4,490	4,441.60	22.57	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	22.47	± 0.1	GWMP
pH (SU)	7.00	7.05	22.64	± 0.1	GWMP
pH (SU)	10.00	10.11	22.89	± 0.1	GWMP
ORP (mV)	228.0	224.60	22.61	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0.02	± 10% of standard	EPA 2023
	1.00	1.19		
	10.00	10.22		

Calibration Check					
Time Start	16:43	**Time Finish**	16:55		
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4,491.30	26.14	± 10% of standard	EPA 2023
pH (SU)	4.00	4.12	26.09	± 0.1	GWMP
pH (SU)	7.00	7.12	27.61	± 0.1	GWMP
pH (SU)	10.00	10.03	29.18	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0.00	0	± 10% of standard	EPA 2023
	1.00	1.03		
	10.00	10.10		

Notes:

Start of Day:

End of Day:

APPENDIX D
HISTORICAL SURFACE WATER ANALYTICAL DATA

Constituent		Well ID			
		SPRING	SPRING	SPRING	SPRING
		3/9/2016	3/13/2018	3/6/2020	2/10/2023
Appendix III	Boron	0.0376 J	0.0042 J	0.0082 J	< 0.0086
	Calcium	25	25.8	14.0	28.5
	Chloride	2.4074	2.6	2.1	2.3
	Fluoride	0.0268 J	0.096 J	< 0.050	0.062 J
	pH	NA	7.43	7.2	7.42
	Sulfate	1.7054	2.1	3.4	2.2
	TDS	66	111	75.0	123
Appendix I	Antimony	< 0.00300	< 0.00078	< 0.00027	< 0.00078
	Arsenic	< 0.00500	0.0006 J	0.00041 J	< 0.0022
	Barium	0.0177	0.054	0.039	0.024
	Beryllium	< 0.00300	< 0.00005	< 0.000074	< 0.000054
	Cadmium	< 0.00100	< 0.000093	< 0.00011	< 0.00011
	Chromium	< 0.0100	< 0.0016	0.0033 J	< 0.0011
	Cobalt	< 0.0100	0.001 J	0.00051 J	< 0.00039
	Copper	< 0.0250	< 0.025	0.0015 J	< 0.0010
	Lead	< 0.00500	0.00037 J	0.00071 J	< 0.00089
	Lithium	< 0.0500	NA	NA	NA
	Mercury	< 0.000500	< 0.000036	< 0.00014	< 0.00013
	Molybdenum	< 0.0100	NA	NA	NA
	Nickel	< 0.0100	< 0.00095	0.0014 J	< 0.00071
	Selenium	< 0.0100	< 0.0014	< 0.0013	< 0.0014
	Silver	< 0.0100	< 0.00095	< 0.00028	< 0.00044
	Thallium	< 0.00100	< 0.00014	< 0.000052	< 0.00018
	Vanadium	< 0.0100	< 0.0019	0.0032 J	< 0.0019
	Zinc	0.00315 J	0.0035 J	0.0064 J	< 0.0085
Additional Parameters	Alkalinity, Total	NA	NA	NA	130
	Alkalinity, Bicarbonate	NA	NA	NA	130
	Magnesium	NA	NA	NA	16.0
	Sodium	NA	NA	NA	1.4
	Potassium	NA	NA	NA	0.74

Notes:
1. Results for constituents are reported in milligrams per liter (mg/L). pH reported in standard units (s.u.).
2. < indicates the constituent was not detected above the analytical reporting detection limit (RDL) shown.
3. J indicates the constituent was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
4. Appendix III - indicator parameters evaluated during Detection Monitoring.
5. TDS indicates Total Dissolved Solids
6. NA indicates consituent was not sampled
7. Semi-annual sampling of the Spring has been conducted in accordance with the previous Georgia Solid Waste Permit No 008-018D (LI) issued in 2007 and continues to date under the 2022 CCR Permit Groundwater Monitoring Plan (GWMP). The Spring was dry during events not listed on the table.

APPENDIX E
STATISTICAL RESULTS

GROUNDWATER STATS CONSULTING

August 29, 2025

Southern Company Services
Attn: Ms. Kristen Jurinko
241 Ralph McGill Blvd. NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Bowen Landfill Cells 1, 2, 9, and 10
Statistical Analysis – February 2025 Sample Event

Dear Ms. Jurinko,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the statistical analysis of groundwater quality for the February 2025 sample event for Georgia Power Company's Plant Bowen Landfill Cells 1, 2, 9, and 10. The analysis complies with the United States Environmental Protection Agency (USEPA) Coal Combustion Residuals (CCR) Rule 40 Code of Federal Regulations (CFR) 257 Subpart D, the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the USEPA Unified Guidance (2009).

Semi-annual sampling is conducted for USEPA's CCR Appendix III parameters, in addition to 16 parameters in accordance with the Georgia EPD's Solid Waste Permit. The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-1, GWA-2, GWA-2R, GWA-3A, GWA-4RZ, GWA-39RZ, GWA-39Z, GWA-40, GWA-41, GWA-41R, GWA-42, GWA-43, GWA-43R, GWA-50, and GWA-50R
- **Downgradient wells:** GWC-5, GWC-6, GWC-6RZ, GWC-7Z, GWC-8RR, GWC-8Z, GWC-9, GWC-10, GWC-10R, GWC-11, GWC-11R, GWC-12, GWC-13, GWC-13RZ, GWC-14Z, GWC-15R, GWC-15Z, GWC-44, GWC-45, GWC-45R, GWC-46R, GWC-47, GWC-47R, GWC-48, GWC-49R, and GWC-49Z

Note that upgradient well GWA-3 was replaced with GWA-3A, which was first sampled in March 2021. As discussed, data from well GWA-3 have been combined with data from

replacement well GWA-3A. A minimum of 8 samples has been collected from new well GWA-3A; therefore, the Mann-Whitney test of medians is used to compare newer observations collected solely from well GWA-3A to historical observations collected from well GWA-3 for Appendix I and III constituents evaluated with intrawell prediction limits to determine whether the medians of data are statistically significantly different. For Appendix I and III constituents evaluated with interwell prediction limits, since these limits are constructed using pooled upgradient well data, trend tests are used on the full record for well GWA-3A to determine if statistically significant increasing or decreasing trends in groundwater quality are present. This analysis is discussed further below.

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Founder and Senior Statistician for Groundwater Stats Consulting. The analysis was prepared according to the recommended statistical methodology provided in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting and primary author of the USEPA Unified Guidance.

The following constituents are evaluated:

- **CCR Appendix III:** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I:** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Note that the terms "parameters" and "constituents" are interchangeable throughout this report. When there are no detections present in downgradient wells for a given constituent, statistical analyses are not required. A summary of well/constituent pairs with 100% non-detects follows this letter.

Time series plots for all well/constituent pairs are provided and are particularly useful for screening parameters detected in downgradient wells which require statistical analyses (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

Due to varying detection limits in background data sets, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each

well/parameter pair. In some cases, the reporting limit provided by the laboratory contains varying limits for a given parameter; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case.

Reporting limit changes may occur depending on laboratory capabilities. In the cases of beryllium, mercury, and selenium, a change in laboratories resulted in a decrease in the respective reporting limits. The historic reporting limits of 0.003 mg/L for beryllium, 0.0005 mg/L for mercury, and 0.01 mg/L for selenium were substituted in place of the most recent reporting limits of 0.0005 mg/L for beryllium, 0.0002 mg/L for mercury, and 0.005 mg/L for selenium, as discussed with Stantec.

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided with the screening to demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. A few well/constituent pairs have a limited background data set due either to sampling or truncation of background date ranges. As more samples are collected, these well/constituent pairs will meet the minimum power requirements. The EPA suggests the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following statistical methods:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (antimony, arsenic, barium, cadmium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc)
- Interwell Prediction Limits with 1-of-2 resample plan (beryllium, mercury, and thallium)
- # Constituents: 16
- # Downgradient wells: 26

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan – (boron, calcium, fluoride, sulfate, TDS)
- Interwell Prediction Limits with 1-of-2 resample plan – (chloride and pH)

- # Constituents: 7
- # Downgradient wells: 26

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% per semi-annual event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects.
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric prediction limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In the intrawell case, data for all wells and constituents may be re-evaluated when a minimum of 4 new data points is available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, the earlier portion of data are deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts in downgradient wells. Intrawell methods use background data for individual wells and may be overly sensitive to spatial variation. In particular for nonparametric limits with small background sample sizes, the probability of a false positive is higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of spatial variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSIs) that result from spatial variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample exceeds the intrawell prediction limit (United State Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resample confirms the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed statistically significant increase (SSI).

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an apparent intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that

an initial intrawell exceedance is short-term and may be the result of spatial variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of spatial variation rather than a result of impact to groundwater quality downgradient of the facility.

Historical Summary of Appendix I & Appendix III Background Screening & Update – Conducted in April 2022

Outlier Analysis

Prior to updating prediction limits, Tukey's outlier test and visual screening were used to evaluate data at all wells through February 2022. Tukey's test identified several potential outliers and confirmed previously flagged values. Some identified values were not flagged because they appeared to be representative of spatial variation. High values that were not identified by Tukey's test, but flagged as outliers, reduced variation among background datasets and resulted in statistical limits that are conservative (in most cases, lower) from a regulatory perspective. Note that previously flagged values for antimony at upgradient wells GWA-1 and GWA-2 along with downgradient well GWC-11R were unflagged during the background update as more recent values were of similar concentration. As mentioned above, any flagged data are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages. Summary tables of all flagged values follow this report (Figure C).

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells. The ANOVA assists in identifying the most appropriate statistical approach. Interwell tests, which compare downgradient well data to statistical limits constructed from pooled

upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells are not representative of the current background data population; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter. The ANOVA identified variation for all Appendix I & III parameters except for mercury and thallium; therefore, mercury and thallium will be tested with interwell statistical methods. All parameters were further evaluated as described for the appropriateness of intrawell testing to accommodate the groundwater quality. A summary table of the ANOVA results is included with the reports.

Eligibility of Intrawell Methods

Intrawell limits constructed from carefully screened background data from within each well serve to provide statistical limits that are conservative (i.e., lower) from a regulatory perspective, and that will rapidly identify a change in more recent compliance data from within a given well. This statistical method removes the element of variation from across wells and eliminates the chance of mistaking spatial variation for a release from the facility. Prior to performing intrawell prediction limits, several steps are required to reasonably demonstrate downgradient water quality does not have existing impacts from the practices of the facility.

Exploratory data analysis was used as a general comparison of concentrations in downgradient wells for all Appendix I and III parameters recommended for intrawell analyses to concentrations reported in upgradient wells. Upper tolerance limits are used in conjunction with confidence intervals to determine whether the estimated averages in downgradient wells are higher than observed levels upgradient of the facility. Upper tolerance limits estimate an upper percentile (in this case the 99^{th} percentile) with known confidence level and thus represent the upper range of likely background values. Tolerance limits are similar to prediction limits that are used for detection monitoring, but tolerance limits are constructed to contain a given fraction of the background population whereas prediction limits are constructed to contain a given number of future observations with known confidence level.

In cases where downgradient average concentrations are higher than observed concentrations upgradient for a given constituent, an independent study and hydrogeological investigation would be required to identify local geochemical conditions and expected groundwater quality for the region to justify an intrawell approach. Such an assessment is beyond the scope of services provided by Groundwater Stats Consulting.

When there is not an obvious explanation for observed concentration differences in downgradient wells relative to reported concentrations in upgradient wells, interwell prediction limits will initially be selected for the statistical method until further evidence shows that concentrations are due to spatial variation rather than a result of the facility.

Upper Tolerance Limits

Parametric tolerance limits were constructed with a target of 99% confidence and 95% coverage using pooled upgradient well data for each of the Appendix III parameters. The confidence and coverage levels for nonparametric tolerance limits are dependent upon the number of background samples. As more data are collected, the background population is better represented and the confidence and coverage levels for nonparametric tolerance limits increase.

Confidence Intervals

Confidence intervals were constructed on downgradient wells for each of the Appendix I & III parameters, using the tolerance limits discussed above, to determine intrawell eligibility. When the entire confidence interval is above a background standard for a given parameter, interwell methods are initially recommended as the statistical method. Therefore, only parameters with confidence intervals which did not exceed background standards are eligible for intrawell prediction limits. Note that well/constituent pairs with 100% non-detects were deselected prior to construction of confidence intervals.

Confidence intervals for Appendix I & III parameters exceeded their respective background limits for beryllium, chloride, and pH. Therefore, for Appendix I parameters, interwell methods are recommended for: beryllium, mercury, and thallium. Intrawell methods are recommended for antimony, arsenic, barium, cadmium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc. For Appendix III parameters, interwell methods are recommended for chloride and pH. Intrawell methods are recommended for boron, calcium, fluoride, sulfate, and TDS.

Mann-Whitney - Intrawell

For constituents requiring intrawell prediction limits, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through September 2018 for Appendix I constituents and through September 2019 for Appendix III constituents to the medians of the new compliance samples at each well through August 2021. Previously truncated data sets discussed above were also compared to the most recent set of measurements through August 2021. If the medians of the two groups are not

significantly different at the 99% confidence level, background data are typically updated to include the newer compliance data. Note that no reports were produced for several well/constituent pairs as there was no variation in the data. Additionally, no Mann-Whitney test was run for barium at downgradient well GWC-13RZ since this well/constituent pair has been historically evaluated with a trend test in lieu of prediction limits due to due to steadily increasing data since early 2016.

Several statistically significant differences were found between the two groups for the Appendix I and III constituents. Typically, when the test concludes that the medians of the two groups are significantly different, particularly in the downgradient wells, the background data are not updated to include the newer data unless updating results in the similar or more conservative limits, or it can be reasonably justified that the change in concentrations is unrelated to practices at the site. In studies in which at least one of the segments being compared is of short duration, the comparison is complicated by the fact that normal short-term variation may be mistaken for long-term change in medians.

Statistically significant increasing medians were found for the following well/constituent pairs:

Appendix I:

- Barium: GWA-2R, GWA-4RZ (both upgradient), GWC-11R, and GWC-49R
- Cobalt: GWA-4RZ (upgradient)
- Zinc: GWC-47 and GWC-47R

Appendix III:

- Sulfate: GWC-14Z

Each respective record for these well/constituent pairs were updated with compliance data and are discussed below.

For upgradient well/constituent pairs with significant increases in medians (barium in wells GWA-2R and GWA-4RZ and cobalt in well GWA-4RZ), the increases in concentrations are, reportedly, not related to the facility and represent background conditions. For barium in downgradient well GWC-11R and sulfate in downgradient well GWC-14Z, the concentrations are relatively low, and updating the records does not result in a high limit compared to upgradient wells. For barium in downgradient well GWC-49R, the compliance samples remain within range of concentrations upgradient of the facility and the pattern is very similar to that of upgradient well GWA-4RZ which has higher reported concentrations; therefore, this well/constituent pair was updated. Regarding zinc

in downgradient wells GWC-47 and GWC-47R, the most recent concentrations in these wells are, reportedly, due to variation in groundwater quality, are somewhat similar to historical concentrations detected in these wells, are marginally higher than the current reporting limit, and remain within the range of upgradient concentrations. Therefore, the records for these well/constituent pairs were updated.

A large number of well/constituent pairs for Appendix I and Appendix III constituents had statistically significant decreasing medians in more recent data. The significant cases are listed in the summary tables for Appendix I and Appendix III Mann-Whitney results. In most cases with significant results, the differences were relatively small, the most recent measurements were similar to measurements in the early part of the record, or the update resulted in similar or more conservative limits. Therefore, the majority of these records were updated. With the exception of pH, which has both an upper and lower prediction limit, decreasing differences will generally result in more conservative limits. For parametric limits, however, a decreasing difference can result in higher variance, which tends to increase the limit. For the following cases, earlier portions of the records were truncated to reduce variability among background data, utilize concentrations that appear to have stabilized, and deselect elevated historical concentrations:

Appendix I:

- Vanadium: GWC-15Z
- Zinc: GWC-5

Appendix III:

- Calcium: GWC-49Z
- Sulfate: GWC-49Z

Any adjustments are shown in the Date Range Table in addition to adjustments listed for chromium, copper, and nickel from previous analysis.

Upgradient Well Trend Tests – Interwell

The Sen's Slope/Mann Kendall trend test was used to evaluate data at upgradient wells for each of the parameters tested using interwell prediction limits--beryllium, mercury, and thallium (Appendix I), and chloride and pH (Appendix III) to identify statistically significant increasing or decreasing trends in background. The results of the trend analyses showed no statistically significant increasing or decreasing trends for Appendix I constituents. For the Appendix III constituents, no statistically significant increasing trends were identified. The following statistically significant decreasing trends were noted:

- Chloride: GWA-1, GWA-39Z, GWA-41, and GWA-41R
- pH: GWA-2R, GWA-41R, GWA-43, GWA-50, and GWA-50R

Truncation of upgradient well records to remove decreasing trends should be done with caution since the higher concentrations could appear in future years at downgradient wells in the absence of facility impacts. Therefore, no adjustments were made at this time. While no statistically significant trend was identified for pH in upgradient well GWA-3A, it was noted that the more recent reported measurements are higher than those reported historically. Concentrations of pH in this well will continue to be monitored and further studies may be required to determine the cause of the increasing concentrations.

Summary of Appendix I & Appendix III Background Update – Conducted in April 2024

Outlier Analysis

Prior to updating prediction limits during the Spring 2024 statistical analysis, Tukey's outlier test and visual screening were used to evaluate data at all wells through August 2023. Tukey's test identified several potential outliers and confirmed previously flagged values. A high value for barium at downgradient well GWC-12 was additionally flagged during the update. Some identified values were not flagged because the measurements appeared to be representative of spatial variation. High values that were not identified by Tukey's test (such as the highest value for calcium at upgradient well GWA-43, the highest value for TDS at downgradient well GWC-13, the second highest value for chromium at downgradient well GWC-12, and the two lowest values for sulfate at downgradient well GWC-13RZ) were flagged as outliers to reduce variation among background datasets which results in statistical limits that are conservative (in most cases, lower) from a regulatory perspective.

Previously flagged outliers for antimony at upgradient well GWA-1 and downgradient well GWC-45 were unflagged as the measurements were similar to more recent concentrations. Additionally, a previously flagged reporting limit for beryllium at well GWA-42 was unflagged since it was equal to the most recent reporting limit at that time. As mentioned above, any flagged data are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney - Intrawell

For constituents requiring intrawell prediction limits, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through August 2021 for Appendix I & III constituents to the medians of the new compliance samples at each well through August 2023. Previously truncated data sets discussed above were also compared to the most recent set of measurements through August 2023. If the medians of the two groups are not significantly different at the 99% confidence level, background data are typically updated to include the newer compliance data. Note that no reports were produced for several well/constituent pairs as there was no variation in the data. Additionally, the Mann-Whitney test was not included for barium at downgradient well GWC-13RZ since this well/constituent pair has been historically evaluated with a trend test in lieu of prediction limits. Further discussion is provided below for this well/constituent pair.

Several statistically significant differences were found between the two groups for the Appendix I and III constituents. Typically, when the test concludes that the medians of the two groups are significantly different, particularly in the downgradient wells, the background data are not updated to include the newer data unless updating results in the similar or more conservative limits, or it can be reasonably justified that the change in concentrations are unrelated to practices at the site. In studies where at least one of the segments being compared is of short duration, the comparison is complicated by the fact that normal short-term variation may be mistaken for long-term change in medians.

For well/constituent pairs with significant increases in medians among upgradient wells, the increases in concentrations are, reportedly, not related to the facility and represent background conditions. Records for downgradient well/constituent pairs with statistically significant increases in median concentrations were updated through July/August 2023 since the compliance measurements were similar to or within the range of historic concentrations. Compliance observations for barium and nickel in downgradient well GWC-48 were above historic concentrations within each record, but the increases to resulting statistical limits were marginal and recorded observations for these well/constituent pairs were similar to or lower than concentrations found upgradient of the facility. Therefore, records for these well/constituent pairs were updated.

In previous analyses, barium at downgradient well GWC-13RZ was evaluated using trend tests in lieu of prediction limits due to the increase in concentrations from 2016 – 2017. Since late 2017, reported measurements at this well/constituent pair have stabilized at levels an order of magnitude lower than the MCL of 2.0 mg/L; therefore, a prediction limit was constructed for this well/constituent pair by truncating the earlier portion of the

record to use the more recent and stable data that is representative of present-day groundwater quality conditions.

Several statistically significant decreasing medians were identified in more recent data for Appendix I and Appendix III constituents. The significant cases are listed in the summary tables for Appendix I and Appendix III Mann-Whitney results. In most cases, the differences were relatively small, the more recent measurements were similar to measurements in the early part of the record, or updating the records resulted in similar or more conservative limits. Therefore, all records were updated.

Among well/constituent pairs with statistically significant decreases in medians, the following well/constituent pairs had earlier portions of their records truncated in order to reduce variability among background data, remove the influence of any possible trends, utilize concentrations that appear to have stabilized, and remove elevated historic concentrations:

- Barium: GWC-6
- Calcium: GWC-49Z
- Chromium: GWC-13

Although not identified with statistically significantly decreasing medians by the Mann-Whitney test at the 99% confidence level, elevated concentrations early in the record for calcium at downgradient well GWC-14Z, chromium at downgradient well GWC-11R, copper at downgradient well GWC-5, and sulfate at downgradient well GWC-13 were similarly truncated. Lower concentrations early in the record for sulfate at downgradient well GWC-13RZ were truncated from the record to reduce variation. This step results in conservative (i.e., lower) statistical limits capable of identifying future changes in groundwater quality for these well/constituent pairs.

Any adjustments are shown in the Date Range Table in addition to adjustments listed from previous updates.

Upgradient Well Trend Tests – Interwell

The Sen's Slope/Mann Kendall trend test was used to evaluate data through February 2024 at upgradient wells for each of the parameters tested using interwell prediction limits--beryllium, mercury, and thallium (Appendix I), and chloride and pH (Appendix III) to identify statistically significant increasing or decreasing trends in background at the 99% confidence level. The results of the trend analyses showed no statistically significant increasing or decreasing trends for Appendix I constituents. For the Appendix III

constituents, no statistically significant increasing trends were identified. The following statistically significant decreasing trends were noted:

- Chloride: GWA-1, GWA-39RZ, GWA-39Z, GWA-41, GWA-41R, GWA-43R, GWA-50, and GWA-50R
- pH: GWA-1, GWA-2R, GWA-40, GWA-41R, GWA-42, GWA-43, GWA-50, and GWA-50R

Truncation of upgradient well records to remove decreasing trends should be done with caution since the higher concentrations could appear in future years at downgradient wells in the absence of facility impacts. Additionally, resulting statistical limits are representative of current groundwater quality conditions. Therefore, no adjustments were made at this time. While no statistically significant trend was identified for pH in upgradient well GWA-3A, it was noted that the more recent reported measurements are higher than those reported historically. Concentrations of pH in this well will continue to be monitored and further studies may be required to determine the cause of the increasing concentrations.

Evaluation of Georgia EPD Appendix I Constituents – February/March 2025

Mann-Whitney Test & Trend Tests – GWA-3A

As mentioned above, data from well GWA-3 have been combined with data from replacement well GWA-3A. A minimum of 8 samples has been collected from new well GWA-3A since March 2021; therefore, the Mann-Whitney test was used to compare newer observations through August 2024 to historical observations through March 2020 for Appendix I and III constituents evaluated with intrawell prediction limits and determine whether the medians of data are statistically significantly different (Figure D). Statistically significant differences were identified for the following constituents:

- barium, calcium, copper, fluoride, nickel, sulfate, TDS, and zinc

In the cases where statistically significant differences were identified at the 99% confidence level, the historical record was truncated so that only data from the new well is used in construction of intrawell prediction limits for Appendix I and III constituents. Exceptions include the records for barium and fluoride at well GWA-3A because while the Mann-Whitney test identified statistically significant differences in medians, the more recent concentrations are within the range of historic concentrations from well GWA-3. Additionally, higher measurements earlier in the record remain flagged as outliers for

barium at well GWA-3A and are not included in construction of statistical limits. A list of well/constituent pairs using a truncated portion of their record follows this report.

For Appendix I and III constituents evaluated with interwell prediction limits, since these limits are constructed using pooled upgradient well data, trend tests were used on the full record through March 2025 for well GWA-3A to determine if statistically significant increasing or decreasing trends in groundwater quality are present (Figure E). No statistically significant trends were identified; therefore, no further action was required.

Intrawell Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, for antimony, arsenic, barium, cadmium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc were constructed using all available historical data through August 2023, except for the cases mentioned above and listed in the Date Range Table. Compliance data from the February/March 2025 sample event were compared to these limits (Figure F). No statistical analyses were included for well/constituent pairs with 100% non-detects. A list of those well/constituent pairs follows this letter.

As discussed earlier, the most recent reporting limit is substituted on a well-by-well basis for computing intrawell prediction limits. Therefore, individual wells can have different substitutions for a given parameter depending on what the laboratory has reported for each well. Note that prediction limits for selenium changed during this report from previous analyses due to a historic reporting limit of 0.01 mg/L being substituted across all wells for selenium, as discussed with Stantec.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When a resample confirms the initial exceedance, a statistically significant increase (SSI) is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. Summaries of the Georgia EPD Appendix I prediction limits follow this report. Exceedances were identified for the following well/constituent pairs:

- Antimony: GWA-41R
- Barium: GWA-42
- Nickel: GWC-48

Two-Step Approach

When interwell prediction limits were constructed using pooled upgradient well data through February/March 2025 for the apparent intrawell prediction limit exceedances in downgradient wells (Figure G), no exceedances were identified.

Interwell Prediction Limits

For beryllium, mercury, and thallium interwell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical upgradient well data through February/March 2025 (Figure H). As mentioned above, upgradient well data were reassessed for potential outliers during this analysis. When values in background are flagged as outliers, the measurements may be seen in a lighter font and as a disconnected symbol on the graphs. Previously flagged values were confirmed and no additional values were flagged as outliers at any of the upgradient wells.

Interwell prediction limits pool upgradient well data to establish a background limit for an individual constituent. The February/March 2025 sample from each downgradient well was compared to the background limit to determine whether exceedances over background are present. An exceedance was identified for the following well/constituent pair:

- Mercury: GWC-48

Trend Tests

When an exceedance occurs in a downgradient well, the exceedance is further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level--whether or not the exceedance is confirmed as an SSI--in addition to interwell prediction limits in accordance with the two-step analysis (Figure I). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site. Statistically significant trends were identified for the following well/constituent pairs:

Increasing trend:

- Nickel: GWC-48

Decreasing trend:

- Nickel: GWA-50R (upgradient)

Evaluation of CCR Appendix III Parameters – February/March 2025

Intrawell Prediction Limits

For boron, calcium, fluoride, sulfate, and TDS, intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical data through July/August 2023 (Figure J). Results and a summary table follow this report. The February/March 2025 sample from each downgradient well was compared its respective background limit to determine whether exceedances over background are present. Apparent exceedances were identified for the following well/constituent pairs:

- Calcium: GWA-2R (upgradient)
- Sulfate: GWA-2R (upgradient) and GWC-9
- TDS: GWA-3A (upgradient)

Two-Step Approach

When interwell prediction limits were constructed using pooled upgradient well data through February/March 2025 for the apparent intrawell prediction limit exceedances in downgradient wells, no exceedances were identified (Figure K). Values that exceed intrawell background limits are further evaluated using trend tests as discussed below.

Interwell Prediction Limits

For chloride and pH, interwell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical upgradient well data through February/March 2025 (Figure L). Results and a summary table follow this report. Interwell prediction limits pool upgradient well data to establish a background limit for an individual constituent.

Upgradient well data were reassessed for potential outliers during this analysis. When values in background are flagged as outliers, the measurements may be seen in a lighter font and as a disconnected symbol on the graphs. No values were flagged as outliers at any of the upgradient wells for Appendix III constituents.

Interwell prediction limits were constructed using pooled upgradient well data for chloride and pH, and the February/March 2025 sample from each downgradient well was compared to the background limit to determine whether exceedances over background are present. No exceedances were identified for any of the well/constituent pairs.

Trend Tests

Data from downgradient well/constituent pairs found to exceed their respective prediction limits were further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level along with upgradient wells for the same constituents. A summary of the trend test results follows this letter (Figure M). Statistically significant trends were identified for the following well/constituent pairs:

Increasing

- None

Decreasing

- Sulfate: GWA-1, GWA-39RZ GWA-39Z, GWA-43R, and GWA-50R (all upgradient)

Resample Reports – May 2025

A resample was collected in May 2025 for selenium in well GWC-48. When an intrawell prediction limit was constructed through July/August 2023 to evaluate the May 2025 selenium resample (Figure N), no exceedance was identified.

A resample was also collected in May 2025 for the initial interwell prediction limit exceedance for mercury. Note that pH was also sampled for well GWC-48. When interwell prediction limits were constructed using pooled upgradient well data through February 2025 to evaluate the resamples for mercury and pH (Figures O and P), an exceedance was identified for the following well/constituent pair:

- Mercury: GWC-48

Summary

Georgia EPD Appendix I

Based on the results of the Appendix I prediction limits and the two-step approach, an exceedance was identified for the following well/constituent pair:

- Mercury: GWC-48

CCR Appendix III

Based on the results of the Appendix III constituents requiring either intrawell or interwell prediction limits and after testing the apparent intrawell exceedances among downgradient wells using the two-step approach, no statistical exceedances were identified.

Trend tests were performed for all apparent intrawell and interwell exceedances and corresponding upgradient wells. Results are presented in the corresponding tables.

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Bowen Landfill Cells 1, 2, 9 and 10. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,

Andrew T. Collins
Project Manager

Kristina M. Rayner
Senior Statistician

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Summary Tables

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Date Ranges

Date: 5/14/2025 2:45 PM

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Barium (mg/L)
- GWC-13RZ background:12/28/2017-8/2/2023
- GWC-6 background:2/1/2017-7/31/2023

Calcium, total (mg/L)
- GWA-3A background:3/29/2021-8/8/2024, overall:3/29/2021-2/26/2025
- GWC-14Z background:7/12/2017-8/1/2023
- GWC-49Z background:7/28/2016-7/27/2023

Chromium (mg/L)
- GWC-11R background:5/26/2016-8/1/2023
- GWC-13 background:4/1/2014-8/1/2023

Copper (mg/L)
- GWA-3A background:3/29/2021-8/8/2024, overall:3/29/2021-2/26/2025
- GWA-50R background:4/14/2014-7/28/2023
- GWC-5 background:3/31/2015-7/28/2023

Nickel (mg/L)
- GWA-3A background:3/29/2021-8/8/2024, overall:3/29/2021-2/26/2025
- GWA-50R background:4/14/2014-7/28/2023

Sulfate, total (mg/L)
- GWA-3A background:3/29/2021-8/8/2024, overall:3/29/2021-2/26/2025
- GWC-13 background:3/21/2018-8/1/2023
- GWC-13RZ background:7/12/2017-8/2/2023
- GWC-15Z background:11/23/2016-8/1/2023
- GWC-49Z background:9/21/2016-7/27/2023

TDS, Dissolved (mg/L)
- GWA-3A background:3/29/2021-8/8/2024, overall:3/29/2021-2/26/2025

Vanadium (mg/L)
- GWC-15Z background:4/27/2010-8/1/2023

Zinc (mg/L)
- GWA-3A background:3/29/2021-8/8/2024, overall:3/29/2021-2/26/2025
- GWC-5 background:3/31/2015-7/28/2023

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100% Non-Detects: Appendix I Intrawell

Analysis Run 4/30/2025 10:33 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Antimony (mg/L)
GWA-2, GWC-10

Arsenic (mg/L)
GWA-50, GWA-50R

Cadmium (mg/L)
GWA-2, GWA-2R, GWA-3A, GWA-40, GWA-41, GWA-41R, GWA-43R, GWA-4RZ, GWA-50R, GWC-11, GWC-13, GWC-13RZ, GWC-15Z, GWC-45, GWC-46R, GWC-49R, GWC-6RZ, GWC-8RR, GWC-9

Chromium (mg/L)
GWA-4RZ

Cobalt (mg/L)
GWA-40, GWA-41, GWA-43R, GWA-50, GWC-10R, GWC-45R, GWC-47, GWC-47R, GWC-49R, GWC-6RZ

Copper (mg/L)
GWC-49R

Lead (mg/L)
GWA-3A, GWC-12, GWC-46R, GWC-49R

Nickel (mg/L)
GWA-40, GWC-6RZ

Selenium (mg/L)
GWA-1, GWA-39RZ, GWA-39Z, GWA-3A, GWA-40, GWA-41, GWA-41R, GWA-42, GWA-43R, GWA-4RZ, GWA-50, GWA-50R, GWC-10, GWC-10R, GWC-11, GWC-11R, GWC-12, GWC-15Z, GWC-45, GWC-45R, GWC-47, GWC-47R, GWC-49R, GWC-49Z, GWC-6, GWC-7Z, GWC-8RR

Silver (mg/L)
GWA-1, GWA-2, GWA-2R, GWA-39Z, GWA-3A, GWA-40, GWA-41, GWA-41R, GWA-42, GWA-43, GWA-43R, GWA-4RZ, GWC-10, GWC-10R, GWC-11, GWC-11R, GWC-13, GWC-14Z, GWC-15R, GWC-15Z, GWC-44, GWC-45, GWC-45R, GWC-46R, GWC-47, GWC-47R, GWC-48, GWC-49R, GWC-49Z, GWC-5, GWC-6, GWC-6RZ, GWC-7Z, GWC-8RR, GWC-8Z, GWC-9

Vanadium (mg/L)
GWA-39Z, GWA-40, GWA-41, GWA-50, GWC-10R, GWC-46R, GWC-47, GWC-49R, GWC-49Z, GWC-6RZ, GWC-7Z

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100% Non-Detects: Appendix I Interwell Downgradient

Analysis Run 4/30/2025 10:55 PM View: Appendix I Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Beryllium (mg/L)
GWC-10R, GWC-11R, GWC-12, GWC-13RZ, GWC-15R, GWC-15Z, GWC-45, GWC-46R, GWC-49R, GWC-49Z, GWC-7Z

Mercury (mg/L)
GWC-14Z, GWC-6RZ, GWC-7Z, GWC-8Z, GWC-9

Thallium (mg/L)
GWC-10, GWC-11, GWC-12, GWC-13, GWC-14Z, GWC-15R, GWC-45, GWC-45R, GWC-6RZ, GWC-8RR, GWC-9

Welch's t-test/Mann-Whitney - Well GWA-3A - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/13/2025, 11:23 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Barium (mg/L)	**GWA-3A (bg)**	**2.641**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium, total (mg/L)	**GWA-3A (bg)**	**3.79**	**Yes**	**0.01**	**Yes**	**Mann-W**
Copper (mg/L)	**GWA-3A (bg)**	**-4.339**	**Yes**	**0.01**	**Yes**	**Mann-W**
Fluoride, total (mg/L)	**GWA-3A (bg)**	**-3.301**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWA-3A (bg)**	**-4.291**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate, total (mg/L)	**GWA-3A (bg)**	**3.792**	**Yes**	**0.01**	**Yes**	**Mann-W**
Total Dissolved Solids [TDS] (mg/l)	**GWA-3A (bg)**	**3.811**	**Yes**	**0.01**	**Yes**	**Mann-W**
Zinc (mg/L)	**GWA-3A (bg)**	**-4.2**	**Yes**	**0.01**	**Yes**	**Mann-W**

Welch's t-test/Mann-Whitney - Well GWA-3A - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/13/2025, 11:23 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Antimony (mg/L)	GWA-3A (bg)	0.1344	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-3A (bg)	-2.151	No	0.01	No	Mann-W
Barium (mg/L)	**GWA-3A (bg)**	**2.641**	**Yes**	**0.01**	**Yes**	**Mann-W**
Boron, total (mg/L)	GWA-3A (bg)	1.026	No	0.01	No	Mann-W
Calcium, total (mg/L)	**GWA-3A (bg)**	**3.79**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-3A (bg)	0.3899	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-3A (bg)	2.377	No	0.01	No	Mann-W
Copper (mg/L)	**GWA-3A (bg)**	**-4.339**	**Yes**	**0.01**	**Yes**	**Mann-W**
Fluoride, total (mg/L)	**GWA-3A (bg)**	**-3.301**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWA-3A (bg)**	**-4.291**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate, total (mg/L)	**GWA-3A (bg)**	**3.792**	**Yes**	**0.01**	**Yes**	**Mann-W**
Total Dissolved Solids [TDS] (mg/l)	**GWA-3A (bg)**	**3.811**	**Yes**	**0.01**	**Yes**	**Mann-W**
Vanadium (mg/L)	GWA-3A (bg)	0.6938	No	0.01	No	Mann-W
Zinc (mg/L)	**GWA-3A (bg)**	**-4.2**	**Yes**	**0.01**	**Yes**	**Mann-W**

Trend Tests - Upgradient Well GWA-3A - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:30 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Beryllium (mg/L)	GWA-3A (bg)	0	0	118	No	26	100	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-3A (bg)	0.1672	89	98	No	23	4.348	n/a	0.01	NP
Mercury (mg/L)	GWA-3A (bg)	0	-1.339	-2.58	No	44	97.73	n/a	0.01	NP
pH (pH_units)	GWA-3A (bg)	0.2436	51	98	No	23	0	n/a	0.01	NP
Thallium (mg/L)	GWA-3A (bg)	0	0	105	No	24	100	n/a	0.01	NP

Appendix I Intrawell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	**GWA-41R**	**0.0045**	**n/a**	**2/25/2025**	**0.0089**	**Yes**	**21**	**n/a**	**n/a**	**52.38**	**n/a**	**n/a**	**0.003999**	**NP Intra (NDs) 1 of 2**
Barium (mg/L)	**GWA-42**	**0.006979**	**n/a**	**2/25/2025**	**0.0071**	**Yes**	**21**	**0.006286**	**0.000247**	**0**	**None**	**No**	**0.0001266**	**Param Intra 1 of 2**
Nickel (mg/L)	**GWC-48**	**0.007421**	**n/a**	**2/26/2025**	**0.0097**	**Yes**	**20**	**0.004398**	**0.001068**	**5**	**None**	**No**	**0.0001266**	**Param Intra 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.017	n/a	2/27/2025	0.00062J	No	42	n/a	n/a	38.1	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-2R	0.011	n/a	2/27/2025	0.0042	No	41	n/a	n/a	41.46	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-39RZ	0.008469	n/a	2/26/2025	0.0022J	No	19	0.002291	0.002147	26.32	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWA-39Z	0.0039	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	33.33	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-3A	0.0068	n/a	2/26/2025	0.003ND	No	41	n/a	n/a	68.29	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-40	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-41	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	**GWA-41R**	**0.0045**	**n/a**	**2/25/2025**	**0.0089**	**Yes**	**21**	**n/a**	**n/a**	**52.38**	**n/a**	**n/a**	**0.003999**	**NP Intra (NDs) 1 of 2**
Antimony (mg/L)	GWA-42	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-43	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-43R	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4RZ	0.003	n/a	2/28/2025	0.003ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-50	0.003	n/a	2/27/2025	0.003ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-50R	0.003	n/a	2/28/2025	0.003ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10R	0.003	n/a	3/3/2025	0.003ND	No	41	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-11	0.003	n/a	3/4/2025	0.003ND	No	42	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-11R	0.012	n/a	3/3/2025	0.003ND	No	43	n/a	n/a	72.09	n/a	n/a	0.001037	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-12	0.003	n/a	3/4/2025	0.003ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-13	0.003	n/a	3/3/2025	0.003ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-13RZ	0.00447	n/a	3/4/2025	0.003ND	No	36	n/a	n/a	58.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-14Z	0.005	n/a	3/3/2025	0.003ND	No	42	n/a	n/a	88.1	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-15R	0.0106	n/a	3/3/2025	0.00058J	No	42	n/a	n/a	52.38	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-15Z	0.0053	n/a	3/3/2025	0.003ND	No	42	n/a	n/a	83.33	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-44	0.003	n/a	2/26/2025	0.003ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-45	0.02643	n/a	2/26/2025	0.003ND	No	23	-6.184	0.9271	21.74	Kaplan-Meier	ln(x)	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWC-45R	0.00426	n/a	2/26/2025	0.003ND	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-46R	0.003	n/a	2/26/2025	0.003ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-47	0.003	n/a	2/26/2025	0.003ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-47R	0.00436	n/a	2/26/2025	0.003ND	No	21	0.03291	0.01181	33.33	Kaplan-Meier	sqrt(x)	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWC-48	0.003	n/a	2/26/2025	0.003ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-49R	0.0037	n/a	2/26/2025	0.00083J	No	21	n/a	n/a	52.38	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-49Z	0.003	n/a	2/26/2025	0.0011J	No	21	n/a	n/a	42.86	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWC-5	0.003	n/a	2/27/2025	0.003ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.0035	n/a	2/27/2025	0.003ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6RZ	0.003	n/a	2/27/2025	0.003ND	No	25	n/a	n/a	80	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7Z	0.003	n/a	2/27/2025	0.00071J	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8RR	0.003	n/a	3/4/2025	0.003ND	No	30	n/a	n/a	76.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8Z	0.003	n/a	2/28/2025	0.003ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.003	n/a	2/28/2025	0.003ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-1	0.005	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2	0.005	n/a	2/27/2025	0.005ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2R	0.0056	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	69.05	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-39RZ	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	70	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-39Z	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3A	0.005	n/a	2/26/2025	0.005ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-40	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-41	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-42	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-43R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4RZ	0.005	n/a	2/28/2025	0.005ND	No	21	n/a	n/a	33.33	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-10	0.0079	n/a	2/28/2025	0.005ND	No	41	n/a	n/a	90.24	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-10R	0.005	n/a	3/3/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-11	0.005	n/a	3/4/2025	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	GWC-11R	0.0077	n/a	3/3/2025	0.005ND	No	42	n/a	n/a	45.24	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-12	0.01151	n/a	3/4/2025	0.0053	No	41	0.005796	0.00227	21.95	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Arsenic (mg/L)	GWC-13	0.0096	n/a	3/3/2025	0.005ND	No	42	n/a	n/a	73.81	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-13RZ	0.0066	n/a	3/4/2025	0.005ND	No	40	n/a	n/a	57.5	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-14Z	0.0079	n/a	3/3/2025	0.005ND	No	41	n/a	n/a	87.8	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-15R	0.005	n/a	3/3/2025	0.005ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-15Z	0.0077	n/a	3/3/2025	0.005ND	No	42	n/a	n/a	76.19	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-44	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-45	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-45R	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-46R	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-47	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-47R	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-48	0.005	n/a	2/26/2025	0.0013J	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-49R	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-49Z	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.005	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-6	0.005	n/a	2/27/2025	0.005ND	No	41	n/a	n/a	85.37	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-6RZ	0.005	n/a	2/27/2025	0.005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-7Z	0.004382	n/a	2/27/2025	0.005ND	No	21	0.001947	0.0008682	33.33	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Arsenic (mg/L)	GWC-8RR	0.005	n/a	3/4/2025	0.005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-8Z	0.005	n/a	2/28/2025	0.005ND	No	25	n/a	n/a	80	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.0086	n/a	2/28/2025	0.005ND	No	42	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.04	n/a	2/27/2025	0.017	No	41	n/a	n/a	0	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-2	0.05	n/a	2/27/2025	0.024	No	40	0.02121	0.01142	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-2R	0.04732	n/a	2/27/2025	0.028	No	40	-4.448	0.5541	0	None	ln(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-39RZ	0.02561	n/a	2/26/2025	0.016	No	20	0.1247	0.01249	0	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-39Z	0.03585	n/a	2/25/2025	0.019	No	21	0.01414	0.007741	4.762	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-3A	0.009067	n/a	2/26/2025	0.0075	No	32	0.00587	0.001232	3.125	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-40	0.01215	n/a	2/25/2025	0.0083	No	21	0.008568	0.001278	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-41	0.03652	n/a	2/25/2025	0.019	No	21	0.02503	0.004095	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-41R	0.05244	n/a	2/25/2025	0.037	No	21	0.02499	0.009788	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	**GWA-42**	**0.006979**	**n/a**	**2/25/2025**	**0.0071**	**Yes**	**21**	**0.006286**	**0.000247**	**0**	**None**	**No**	**0.0001266**	**Param Intra 1 of 2**
Barium (mg/L)	GWA-43	0.04701	n/a	2/25/2025	0.01	No	21	0.1364	0.02867	0	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-43R	0.00955	n/a	2/25/2025	0.0074	No	21	0.00766	0.000674	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-4RZ	0.06337	n/a	2/28/2025	0.043	No	21	0.03528	0.01002	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-50	0.01711	n/a	2/27/2025	0.0074	No	35	0.009291	0.003053	2.857	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-50R	0.02266	n/a	2/28/2025	0.0081	No	33	0.0134	0.003582	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.03515	n/a	2/28/2025	0.024	No	39	0.1366	0.02013	0	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-10R	0.03633	n/a	3/3/2025	0.025	No	42	0.02431	0.004787	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-11	0.036	n/a	3/4/2025	0.01	No	41	n/a	n/a	2.439	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-11R	0.02619	n/a	3/3/2025	0.021	No	42	0.01421	0.004773	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-12	0.043	n/a	3/4/2025	0.023	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-13	0.05766	n/a	3/3/2025	0.025	No	40	0.1628	0.03067	0	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-13RZ	0.1182	n/a	3/4/2025	0.095	No	13	0.09362	0.0075	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-14Z	0.05427	n/a	3/3/2025	0.014	No	38	0.2575	0.04773	5.263	None	x^(1/3)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-15R	0.03289	n/a	3/3/2025	0.013	No	41	0.02303	0.003918	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-15Z	0.02279	n/a	3/3/2025	0.011	No	41	0.01124	0.004593	2.439	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-44	0.09137	n/a	2/26/2025	0.03	No	21	0.04055	0.01812	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-45	0.007388	n/a	2/26/2025	0.0069	No	21	0.006095	0.0004611	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-45R	0.02826	n/a	2/26/2025	0.02	No	21	0.02146	0.002424	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-46R	0.02171	n/a	2/26/2025	0.012	No	21	0.01387	0.002796	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-47	0.01974	n/a	2/26/2025	0.009	No	21	0.01108	0.00309	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-47R	0.0344	n/a	2/26/2025	0.0084	No	21	n/a	n/a	4.762	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-48	0.05599	n/a	2/26/2025	0.055	No	22	0.03116	0.008935	4.545	None	No	0.0001266	Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-49R	0.026	n/a	2/26/2025	0.011	No	21	n/a	n/a	4.762	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-49Z	0.0121	n/a	2/26/2025	0.0045J	No	21	n/a	n/a	4.762	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-5	0.02853	n/a	2/27/2025	0.013	No	41	0.1296	0.01561	0	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.009975	n/a	2/27/2025	0.0066	No	16	0.007231	0.0009105	6.25	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-6RZ	0.01781	n/a	2/27/2025	0.0068	No	25	-4.782	0.2793	4	None	ln(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-7Z	0.04249	n/a	2/27/2025	0.01	No	21	0.02365	0.006717	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-8RR	0.02314	n/a	3/4/2025	0.013	No	30	-4.192	0.1628	0	None	ln(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-8Z	0.05892	n/a	2/28/2025	0.023	No	25	-3.609	0.2883	0	None	ln(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-9	0.0539	n/a	2/28/2025	0.05	No	38	0.03938	0.005721	0	None	No	0.0001266	Param Intra 1 of 2
Cadmium (mg/L)	GWA-1	0.00076	n/a	2/27/2025	0.0005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-39RZ	0.0005	n/a	2/26/2025	0.0005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-39Z	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-42	0.0003665	n/a	2/25/2025	0.00016J	No	21	0.01242	0.002396	14.29	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Cadmium (mg/L)	GWA-43	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-50	0.0005	n/a	2/27/2025	0.0005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10	0.0005	n/a	2/28/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10R	0.0005	n/a	3/3/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-11R	0.00056	n/a	3/3/2025	0.0005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-12	0.0012	n/a	3/4/2025	0.00067	No	43	n/a	n/a	51.16	n/a	n/a	0.001037	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-14Z	0.0005	n/a	3/3/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-15R	0.0005	n/a	3/3/2025	0.0005ND	No	42	n/a	n/a	88.1	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-44	0.0005	n/a	2/26/2025	0.0005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-45R	0.0005	n/a	2/26/2025	0.0005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-47	0.0005	n/a	2/26/2025	0.00017J	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-47R	0.0005	n/a	2/26/2025	0.0005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-48	0.0005174	n/a	2/26/2025	0.0003J	No	21	-8.571	0.3581	4.762	None	ln(x)	0.0001266	Param Intra 1 of 2
Cadmium (mg/L)	GWC-49Z	0.0005	n/a	2/26/2025	0.0005ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.0005	n/a	2/27/2025	0.0005ND	No	42	n/a	n/a	80.95	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-6	0.0005	n/a	2/27/2025	0.0005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7Z	0.0005	n/a	2/27/2025	0.0005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8Z	0.0005	n/a	2/28/2025	0.0005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.012	n/a	2/27/2025	0.005ND	No	39	n/a	n/a	76.92	n/a	n/a	0.001226	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2	0.009	n/a	2/27/2025	0.005ND	No	39	n/a	n/a	69.23	n/a	n/a	0.001226	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2R	0.012	n/a	2/27/2025	0.005ND	No	41	n/a	n/a	85.37	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-39RZ	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	50	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-39Z	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3A	0.012	n/a	2/26/2025	0.005ND	No	37	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-40	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-41	0.015	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-42	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-43R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-50	0.005	n/a	2/27/2025	0.005ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-50R	0.005	n/a	2/28/2025	0.005ND	No	36	n/a	n/a	72.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-10	0.034	n/a	2/28/2025	0.005ND	No	41	n/a	n/a	46.34	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-10R	0.01	n/a	3/3/2025	0.005ND	No	40	n/a	n/a	80	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-11	0.0134	n/a	3/4/2025	0.0072	No	41	0.005248	0.003239	29.27	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-11R	0.01008	n/a	3/3/2025	0.0039J	No	20	0.005761	0.001524	5	None	No	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-12	0.0058	n/a	3/4/2025	0.005ND	No	40	n/a	n/a	77.5	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-13	0.009246	n/a	3/3/2025	0.0035J	No	25	0.006193	0.001131	0	None	No	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-13RZ	0.005	n/a	3/4/2025	0.005ND	No	41	n/a	n/a	75.61	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-14Z	0.016	n/a	3/3/2025	0.005ND	No	40	n/a	n/a	37.5	n/a	n/a	0.001159	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-15R	0.014	n/a	3/3/2025	0.005ND	No	41	n/a	n/a	63.41	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-15Z	0.027	n/a	3/3/2025	0.005ND	No	36	n/a	n/a	52.78	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWC-44	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-45	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-45R	0.0058	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-46R	0.008977	n/a	2/26/2025	0.0039J	No	22	0.004027	0.001781	13.64	None	No	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-47	0.003142	n/a	2/26/2025	0.0021J	No	21	0.0018	0.0004786	9.524	None	No	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-47R	0.018	n/a	2/26/2025	0.004J	No	20	n/a	n/a	0	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-48	0.005	n/a	2/26/2025	0.0013J	No	21	n/a	n/a	23.81	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-49R	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-49Z	0.00778	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.032	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	59.52	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.027	n/a	2/27/2025	0.003J	No	41	n/a	n/a	24.39	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-6RZ	0.005	n/a	2/27/2025	0.0026J	No	25	n/a	n/a	20	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-7Z	0.005	n/a	2/27/2025	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8RR	0.0056	n/a	3/4/2025	0.005ND	No	30	n/a	n/a	46.67	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-8Z	0.005	n/a	2/28/2025	0.0013J	No	25	n/a	n/a	28	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-9	0.018	n/a	2/28/2025	0.005ND	No	40	n/a	n/a	82.5	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	80.95	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.013	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2R	0.005	n/a	2/27/2025	0.005ND	No	41	n/a	n/a	87.8	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-39RZ	0.0057	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-39Z	0.009181	n/a	2/25/2025	0.005ND	No	21	0.1154	0.03352	42.86	Kaplan-Meier	x^(1/3)	0.0001266	Param Intra 1 of 2
Cobalt (mg/L)	GWA-3A	0.0057	n/a	2/26/2025	0.005ND	No	41	n/a	n/a	46.34	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-42	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4RZ	0.02963	n/a	2/28/2025	0.019	No	21	0.01137	0.00651	4.762	None	No	0.0001266	Param Intra 1 of 2
Cobalt (mg/L)	GWA-50R	0.005	n/a	2/28/2025	0.005ND	No	36	n/a	n/a	83.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.013	n/a	2/28/2025	0.0029J	No	42	n/a	n/a	54.76	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-11	0.016	n/a	3/4/2025	0.005ND	No	42	n/a	n/a	83.33	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-11R	0.005	n/a	3/3/2025	0.005ND	No	41	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-12	0.01	n/a	3/4/2025	0.0033J	No	41	n/a	n/a	7.317	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-13	0.011	n/a	3/3/2025	0.005ND	No	42	n/a	n/a	88.1	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-13RZ	0.0079	n/a	3/4/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-14Z	0.011	n/a	3/3/2025	0.005ND	No	42	n/a	n/a	83.33	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-15R	0.005	n/a	3/3/2025	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-15Z	0.005	n/a	3/3/2025	0.005ND	No	41	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-44	0.005	n/a	2/26/2025	0.0019J	No	21	n/a	n/a	4.762	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-45	0.005	n/a	2/26/2025	0.0015J	No	21	n/a	n/a	9.524	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-46R	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-48	0.005043	n/a	2/26/2025	0.0035J	No	21	-6.293	0.3576	4.762	None	ln(x)	0.0001266	Param Intra 1 of 2
Cobalt (mg/L)	GWC-49Z	0.007555	n/a	2/26/2025	0.0014J	No	21	0.002674	0.00174	9.524	None	No	0.0001266	Param Intra 1 of 2
Cobalt (mg/L)	GWC-5	0.0073	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	61.9	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7Z	0.005	n/a	2/27/2025	0.005ND	No	21	n/a	n/a	19.05	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-8RR	0.005	n/a	3/4/2025	0.005ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-8Z	0.005	n/a	2/28/2025	0.005ND	No	25	n/a	n/a	88	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-9	0.0067	n/a	2/28/2025	0.005ND	No	41	n/a	n/a	68.29	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-1	0.0094	n/a	2/27/2025	0.005ND	No	37	n/a	n/a	64.86	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.013	n/a	2/27/2025	0.005ND	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2R	0.013	n/a	2/27/2025	0.005ND	No	37	n/a	n/a	59.46	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-39RZ	0.011	n/a	2/26/2025	0.005ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-39Z	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3A	0.005	n/a	2/26/2025	0.005ND	No	8	n/a	n/a	100	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-40	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-41	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Copper (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.0035J	No	20	n/a	n/a	55	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-42	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-43R	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4RZ	0.005	n/a	2/28/2025	0.005ND	No	14	n/a	n/a	78.57	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-50	0.02368	n/a	2/27/2025	0.0017J	No	31	0.1702	0.04492	12.9	None	x^(1/3)	0.0001266	Param Intra 1 of 2
Copper (mg/L)	GWA-50R	0.014	n/a	2/28/2025	0.004J	No	20	n/a	n/a	0	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-10	0.006	n/a	2/28/2025	0.005ND	No	37	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10R	0.007	n/a	3/3/2025	0.005ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.013	n/a	3/4/2025	0.005ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11R	0.019	n/a	3/3/2025	0.005ND	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-12	0.0067	n/a	3/4/2025	0.005ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.005	n/a	3/3/2025	0.005ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13RZ	0.013	n/a	3/4/2025	0.005ND	No	36	n/a	n/a	75	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14Z	0.0056	n/a	3/3/2025	0.005ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-15R	0.02	n/a	3/3/2025	0.005ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-15Z	0.021	n/a	3/3/2025	0.005ND	No	36	n/a	n/a	75	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-44	0.0054	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	65	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-45	0.012	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	65	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-45R	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-46R	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-47	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-47R	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	75	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-48	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-49Z	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	70	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.03324	n/a	2/27/2025	0.016	No	18	0.02119	0.00412	0	None	No	0.0001266	Param Intra 1 of 2
Copper (mg/L)	GWC-6	0.0069	n/a	2/27/2025	0.005ND	No	37	n/a	n/a	67.57	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6RZ	0.005	n/a	2/27/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7Z	0.005	n/a	2/27/2025	0.005ND	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8RR	0.005	n/a	3/4/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8Z	0.005	n/a	2/28/2025	0.005ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.01	n/a	2/28/2025	0.005ND	No	37	n/a	n/a	70.27	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-1	0.0028	n/a	2/27/2025	0.001ND	No	42	n/a	n/a	80.95	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2	0.002536	n/a	2/27/2025	0.001ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2R	0.001	n/a	2/27/2025	0.001ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-39RZ	0.0011	n/a	2/26/2025	0.001ND	No	20	n/a	n/a	70	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-39Z	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-40	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-41	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-41R	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-42	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-43	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-43R	0.0038	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-4RZ	0.001	n/a	2/28/2025	0.001ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-50	0.001	n/a	2/27/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-50R	0.0012	n/a	2/28/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	2/28/2025	0.001ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10R	0.001	n/a	3/3/2025	0.001ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-11	0.001	n/a	3/4/2025	0.001ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-11R	0.001	n/a	3/3/2025	0.001ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-13	0.001	n/a	3/3/2025	0.001ND	No	42	n/a	n/a	78.57	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-13RZ	0.001	n/a	3/4/2025	0.001ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-14Z	0.001	n/a	3/3/2025	0.001ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-15R	0.0011	n/a	3/3/2025	0.0004J	No	42	n/a	n/a	71.43	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-15Z	0.001	n/a	3/3/2025	0.001ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	GWC-44	0.001136	n/a	2/26/2025	0.00043J	No	21	0.0203	0.004776	33.33	Kaplan-Meier	sqrt(x)	0.0001266	Param Intra 1 of 2
Lead (mg/L)	GWC-45	0.001	n/a	2/26/2025	0.001ND	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Lead (mg/L)	GWC-45R	0.001	n/a	2/26/2025	0.001ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-47	0.001	n/a	2/26/2025	0.001ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-47R	0.001	n/a	2/26/2025	0.001ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-48	0.002529	n/a	2/26/2025	0.001ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-49Z	0.001	n/a	2/26/2025	0.001ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/27/2025	0.001ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	2/27/2025	0.001ND	No	42	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6RZ	0.001	n/a	2/27/2025	0.001ND	No	25	n/a	n/a	88	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7Z	0.001	n/a	2/27/2025	0.001ND	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8RR	0.001	n/a	3/4/2025	0.001ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8Z	0.001	n/a	2/28/2025	0.001ND	No	25	n/a	n/a	48	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Lead (mg/L)	GWC-9	0.0012	n/a	2/28/2025	0.001ND	No	42	n/a	n/a	73.81	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.024	n/a	2/27/2025	0.005ND	No	36	n/a	n/a	75	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.02	n/a	2/27/2025	0.005ND	No	35	n/a	n/a	71.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2R	0.0093	n/a	2/27/2025	0.005ND	No	36	n/a	n/a	80.56	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-39RZ	0.0224	n/a	2/26/2025	0.005ND	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-39Z	0.0149	n/a	2/25/2025	0.005ND	No	19	n/a	n/a	36.84	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-3A	0.005	n/a	2/26/2025	0.005ND	No	8	n/a	n/a	100	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-41	0.0089	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.0016J	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-42	0.0025	n/a	2/25/2025	0.0015J	No	20	n/a	n/a	10	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	45	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-43R	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4RZ	0.005	n/a	2/28/2025	0.005ND	No	14	n/a	n/a	85.71	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-50	0.005	n/a	2/27/2025	0.005ND	No	31	n/a	n/a	41.94	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-50R	0.004998	n/a	2/28/2025	0.0025ND	No	20	0.04065	0.01061	5	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Nickel (mg/L)	GWC-10	0.032	n/a	2/28/2025	0.005ND	No	37	n/a	n/a	48.65	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-10R	0.006	n/a	3/3/2025	0.005ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0087	n/a	3/4/2025	0.005ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11R	0.005	n/a	3/3/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.029	n/a	3/4/2025	0.0026J	No	37	n/a	n/a	35.14	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-13	0.015	n/a	3/3/2025	0.005ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13RZ	0.005	n/a	3/4/2025	0.005ND	No	35	n/a	n/a	82.86	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-14Z	0.011	n/a	3/3/2025	0.005ND	No	37	n/a	n/a	67.57	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-15R	0.0096	n/a	3/3/2025	0.005ND	No	36	n/a	n/a	61.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-15Z	0.019	n/a	3/3/2025	0.005ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-44	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-45	0.00316	n/a	2/26/2025	0.0013J	No	20	n/a	n/a	5	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-45R	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-46R	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-47	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-47R	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	70	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	**GWC-48**	**0.007421**	**n/a**	**2/26/2025**	**0.0097**	**Yes**	**20**	**0.004398**	**0.001068**	**5**	**None**	**No**	**0.0001266**	**Param Intra 1 of 2**
Nickel (mg/L)	GWC-49R	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-49Z	0.006407	n/a	2/26/2025	0.0022J	No	20	0.00284	0.001259	5	None	No	0.0001266	Param Intra 1 of 2
Nickel (mg/L)	GWC-5	0.051	n/a	2/27/2025	0.0093	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-6	0.022	n/a	2/27/2025	0.005ND	No	36	n/a	n/a	61.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7Z	0.005	n/a	2/27/2025	0.005ND	No	15	n/a	n/a	53.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8RR	0.005	n/a	3/4/2025	0.005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8Z	0.005	n/a	2/28/2025	0.005ND	No	20	n/a	n/a	75	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.014	n/a	2/28/2025	0.0013J	No	35	n/a	n/a	31.43	n/a	n/a	0.001497	NP Intra (normality) 1 of 2
Selenium (mg/L)	GWA-2	0.01	n/a	2/27/2025	0.01ND	No	42	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-2R	0.01	n/a	2/27/2025	0.01ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	GWA-43	0.01	n/a	2/25/2025	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-13	0.01	n/a	3/3/2025	0.01ND	No	42	n/a	n/a	64.29	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-13RZ	0.01	n/a	3/4/2025	0.01ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-14Z	0.01	n/a	3/3/2025	0.01ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-15R	0.01	n/a	3/3/2025	0.01ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-44	0.01	n/a	2/26/2025	0.0026J	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Selenium (mg/L)	GWC-46R	0.01	n/a	2/26/2025	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-48	0.01	n/a	2/26/2025	0.0069	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-5	0.01	n/a	2/27/2025	0.01ND	No	41	n/a	n/a	90.24	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-6RZ	0.01	n/a	2/27/2025	0.01ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-8Z	0.01	n/a	2/28/2025	0.01ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.01	n/a	2/28/2025	0.0013J	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-39RZ	0.005	n/a	2/26/2025	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-50	0.005	n/a	2/27/2025	0.00061J	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-50R	0.004294	n/a	2/28/2025	0.0016J	No	31	0.001858	0.0009348	25.81	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Silver (mg/L)	GWC-12	0.005	n/a	3/4/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-13RZ	0.005	n/a	3/4/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.01	n/a	2/27/2025	0.01ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2	0.01	n/a	2/27/2025	0.01ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2R	0.01	n/a	2/27/2025	0.01ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-39RZ	0.01	n/a	2/26/2025	0.01ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-3A	0.01	n/a	2/26/2025	0.01ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-41R	0.01	n/a	2/25/2025	0.01ND	No	20	n/a	n/a	100	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-42	0.01	n/a	2/25/2025	0.01ND	No	20	n/a	n/a	100	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-43	0.01	n/a	2/25/2025	0.01ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-43R	0.01	n/a	2/25/2025	0.01ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4RZ	0.01	n/a	2/28/2025	0.01ND	No	14	n/a	n/a	92.86	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-50R	0.01	n/a	2/28/2025	0.01ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-10	0.01	n/a	2/28/2025	0.01ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-11	0.01	n/a	3/4/2025	0.01ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-11R	0.01	n/a	3/3/2025	0.01ND	No	36	n/a	n/a	61.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-12	0.01	n/a	3/4/2025	0.01ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.01	n/a	3/3/2025	0.01ND	No	36	n/a	n/a	58.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13RZ	0.011	n/a	3/4/2025	0.01ND	No	34	n/a	n/a	73.53	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14Z	0.012	n/a	3/3/2025	0.01ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-15R	0.01	n/a	3/3/2025	0.01ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-15Z	0.012	n/a	3/3/2025	0.01ND	No	27	n/a	n/a	66.67	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-44	0.01	n/a	2/26/2025	0.01ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-45	0.01	n/a	2/26/2025	0.01ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-45R	0.01	n/a	2/26/2025	0.01ND	No	20	n/a	n/a	100	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-47R	0.01	n/a	2/26/2025	0.01ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-48	0.01	n/a	2/26/2025	0.01ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.01	n/a	2/27/2025	0.01ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-6	0.01	n/a	2/27/2025	0.01ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-8RR	0.01	n/a	3/4/2025	0.01ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-8Z	0.01	n/a	2/28/2025	0.01ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.01	n/a	2/28/2025	0.01ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.02	n/a	2/27/2025	0.02ND	No	34	n/a	n/a	41.18	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-2	0.027	n/a	2/27/2025	0.02ND	No	35	n/a	n/a	54.29	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2R	0.02	n/a	2/27/2025	0.02ND	No	36	n/a	n/a	55.56	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-39RZ	0.02	n/a	2/26/2025	0.02ND	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-39Z	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-3A	0.02	n/a	2/26/2025	0.02ND	No	8	n/a	n/a	100	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-40	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-41	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc (mg/L)	GWA-41R	0.02	n/a	2/25/2025	0.0032J	No	20	n/a	n/a	75	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-42	0.02	n/a	2/25/2025	0.01J	No	20	n/a	n/a	35	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-43	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-43R	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-4RZ	0.02	n/a	2/28/2025	0.02ND	No	14	n/a	n/a	71.43	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-50	0.02	n/a	2/27/2025	0.02ND	No	30	n/a	n/a	43.33	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-50R	0.02	n/a	2/28/2025	0.02ND	No	27	n/a	n/a	44.44	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10	0.057	n/a	2/28/2025	0.02ND	No	37	n/a	n/a	43.24	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10R	0.02	n/a	3/3/2025	0.02ND	No	37	n/a	n/a	51.35	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.02	n/a	3/4/2025	0.02ND	No	37	n/a	n/a	67.57	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11R	0.02	n/a	3/3/2025	0.02ND	No	37	n/a	n/a	54.05	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.06785	n/a	3/4/2025	0.017J	No	37	0.2228	0.07267	16.22	Kaplan-Meier	x^(1/3)	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWC-13	0.025	n/a	3/3/2025	0.02ND	No	33	n/a	n/a	39.39	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-13RZ	0.02	n/a	3/4/2025	0.0025J	No	33	n/a	n/a	42.42	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-14Z	0.02	n/a	3/3/2025	0.02ND	No	32	n/a	n/a	43.75	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-15R	0.02	n/a	3/3/2025	0.0035J	No	35	n/a	n/a	31.43	n/a	n/a	0.001497	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-15Z	0.025	n/a	3/3/2025	0.02ND	No	33	n/a	n/a	54.55	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-44	0.02	n/a	2/26/2025	0.004J	No	20	n/a	n/a	45	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-45	0.02	n/a	2/26/2025	0.02ND	No	20	n/a	n/a	55	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-45R	0.02	n/a	2/26/2025	0.02ND	No	20	n/a	n/a	45	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-46R	0.02	n/a	2/26/2025	0.02ND	No	20	n/a	n/a	65	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-47	0.06354	n/a	2/26/2025	0.05	No	21	0.03194	0.01127	9.524	None	No	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWC-47R	0.04566	n/a	2/26/2025	0.018J	No	20	0.02065	0.008831	10	None	No	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWC-48	0.02	n/a	2/26/2025	0.016J	No	20	n/a	n/a	35	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-49R	0.02	n/a	2/26/2025	0.02ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-49Z	0.02	n/a	2/26/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.06734	n/a	2/27/2025	0.022	No	18	0.03718	0.01032	5.556	None	No	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWC-6	0.021	n/a	2/27/2025	0.02ND	No	32	n/a	n/a	50	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-6RZ	0.02	n/a	2/27/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7Z	0.02	n/a	2/27/2025	0.02ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8RR	0.02	n/a	3/4/2025	0.02ND	No	25	n/a	n/a	60	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8Z	0.02	n/a	2/28/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.026	n/a	2/28/2025	0.0032J	No	33	n/a	n/a	33.33	n/a	n/a	0.001701	NP Intra (normality) 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:22 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Nickel (mg/L)	GWC-48	0.024	n/a	2/26/2025	0.0097	No	389	n/a	n/a	63.75	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2

Appendix I Interwell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	**GWC-48**	**0.0005**	**n/a**	**2/26/2025**	**0.00062**	**Yes**	**472**	**n/a**	**n/a**	**95.97**	**n/a**	**n/a**	**0.00004896**	**NP Inter (NDs) 1 of 2**

Appendix I Interwell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	GWC-10	0.003	n/a	2/28/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-11	0.003	n/a	3/4/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-13	0.003	n/a	3/3/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-14Z	0.003	n/a	3/3/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-44	0.003	n/a	2/26/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-45R	0.003	n/a	2/26/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-47	0.003	n/a	2/26/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-47R	0.003	n/a	2/26/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-48	0.003	n/a	2/26/2025	0.00044J	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-5	0.003	n/a	2/27/2025	0.00053	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-6	0.003	n/a	2/27/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-6RZ	0.003	n/a	2/27/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-8RR	0.003	n/a	3/4/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-8Z	0.003	n/a	2/28/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-9	0.003	n/a	2/28/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.0005	n/a	2/28/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-10R	0.0005	n/a	3/3/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.0005	n/a	3/4/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-11R	0.0005	n/a	3/3/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-12	0.0005	n/a	3/4/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0005	n/a	3/3/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-13RZ	0.0005	n/a	3/4/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-15R	0.0005	n/a	3/3/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-15Z	0.0005	n/a	3/3/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-44	0.0005	n/a	2/26/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-45	0.0005	n/a	2/26/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-45R	0.0005	n/a	2/26/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-46R	0.0005	n/a	2/26/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-47	0.0005	n/a	2/26/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-47R	0.0005	n/a	2/26/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	**GWC-48**	**0.0005**	**n/a**	**2/26/2025**	**0.00062**	**Yes**	**472**	**n/a**	**n/a**	**95.97**	**n/a**	**n/a**	**0.00004896**	**NP Inter (NDs) 1 of 2**
Mercury (mg/L)	GWC-49R	0.0005	n/a	2/26/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-49Z	0.0005	n/a	2/26/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0005	n/a	2/27/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0005	n/a	2/27/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-8RR	0.0005	n/a	3/4/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-10R	0.001	n/a	3/3/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-11R	0.001	n/a	3/3/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-13RZ	0.001	n/a	3/4/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-15Z	0.001	n/a	3/3/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-44	0.001	n/a	2/26/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-46R	0.001	n/a	2/26/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-47	0.001	n/a	2/26/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-47R	0.001	n/a	2/26/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-48	0.001	n/a	2/26/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-49R	0.001	n/a	2/26/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-49Z	0.001	n/a	2/26/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-5	0.001	n/a	2/27/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-6	0.001	n/a	2/27/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-7Z	0.001	n/a	2/27/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-8Z	0.001	n/a	2/28/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2

Appendix I Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Nickel (mg/L)	**GWA-50R (bg)**	**-0.0004021**	**-386**	**-176**	**Yes**	**34**	**11.76**	**n/a**	**0.01**	**NP**
Nickel (mg/L)	**GWC-48**	**0.000361**	**144**	**98**	**Yes**	**23**	**4.348**	**n/a**	**0.01**	**NP**

Appendix I Trend Tests - Prediction Limit Exceedances - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Mercury (mg/L)	GWA-1 (bg)	0	-1.348	-2.58	No	45	97.78	n/a	0.01	NP
Mercury (mg/L)	GWA-2 (bg)	0	-0.05507	-2.58	No	45	95.56	n/a	0.01	NP
Mercury (mg/L)	GWA-2R (bg)	0	0	2.58	No	45	100	n/a	0.01	NP
Mercury (mg/L)	GWA-39RZ (bg)	0	2	98	No	23	95.65	n/a	0.01	NP
Mercury (mg/L)	GWA-39Z (bg)	0	-9	-105	No	24	95.83	n/a	0.01	NP
Mercury (mg/L)	GWA-3A (bg)	0	-1.339	-2.58	No	44	97.73	n/a	0.01	NP
Mercury (mg/L)	GWA-40 (bg)	0	-5	-105	No	24	91.67	n/a	0.01	NP
Mercury (mg/L)	GWA-41 (bg)	0	-23	-105	No	24	91.67	n/a	0.01	NP
Mercury (mg/L)	GWA-41R (bg)	0	-23	-105	No	24	91.67	n/a	0.01	NP
Mercury (mg/L)	GWA-42 (bg)	0	-18	-105	No	24	87.5	n/a	0.01	NP
Mercury (mg/L)	GWA-43 (bg)	0	0	105	No	24	100	n/a	0.01	NP
Mercury (mg/L)	GWA-43R (bg)	0	-5	-105	No	24	91.67	n/a	0.01	NP
Mercury (mg/L)	GWA-4RZ (bg)	0	19	105	No	24	95.83	n/a	0.01	NP
Mercury (mg/L)	GWA-50 (bg)	0	12	214	No	39	97.44	n/a	0.01	NP
Mercury (mg/L)	GWA-50R (bg)	0	0	214	No	39	100	n/a	0.01	NP
Mercury (mg/L)	GWC-48	0	3	118	No	26	50	n/a	0.01	NP
Nickel (mg/L)	GWA-1 (bg)	0	-177	-214	No	39	76.92	n/a	0.01	NP
Nickel (mg/L)	GWA-2 (bg)	0	-39	-206	No	38	73.68	n/a	0.01	NP
Nickel (mg/L)	GWA-2R (bg)	0	-65	-214	No	39	82.05	n/a	0.01	NP
Nickel (mg/L)	GWA-39RZ (bg)	0	-6	-74	No	19	73.68	n/a	0.01	NP
Nickel (mg/L)	GWA-39Z (bg)	0	-16	-92	No	22	45.45	n/a	0.01	NP
Nickel (mg/L)	GWA-3A (bg)	0	0	25	No	9	100	n/a	0.01	NP
Nickel (mg/L)	GWA-40 (bg)	0	0	98	No	23	100	n/a	0.01	NP
Nickel (mg/L)	GWA-41 (bg)	0	30	98	No	23	65.22	n/a	0.01	NP
Nickel (mg/L)	GWA-41R (bg)	0	0	98	No	23	60.87	n/a	0.01	NP
Nickel (mg/L)	GWA-42 (bg)	0	1	98	No	23	17.39	n/a	0.01	NP
Nickel (mg/L)	GWA-43 (bg)	0.00001334	78	98	No	23	52.17	n/a	0.01	NP
Nickel (mg/L)	GWA-43R (bg)	0	12	98	No	23	95.65	n/a	0.01	NP
Nickel (mg/L)	GWA-4RZ (bg)	0	11	63	No	17	88.24	n/a	0.01	NP
Nickel (mg/L)	GWA-50 (bg)	0	-121	-176	No	34	47.06	n/a	0.01	NP
Nickel (mg/L)	**GWA-50R (bg)**	**-0.0004021**	**-386**	**-176**	**Yes**	**34**	**11.76**	**n/a**	**0.01**	**NP**
Nickel (mg/L)	**GWC-48**	**0.000361**	**144**	**98**	**Yes**	**23**	**4.348**	**n/a**	**0.01**	**NP**

Appendix III Intrawell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium, total (mg/L)	**GWA-2R**	**62.42**	**n/a**	**2/27/2025**	**66.7**	**Yes**	**21**	**28.81**	**13.17**	**0**	**None**	**No**	**0.0002894**	**Param Intra 1 of 2**
Sulfate, total (mg/L)	**GWA-2R**	**38.9**	**n/a**	**2/27/2025**	**41.5**	**Yes**	**21**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003999**	**NP Intra (normality) 1 of 2**
Sulfate, total (mg/L)	**GWC-9**	**4.773**	**n/a**	**2/28/2025**	**6.5**	**Yes**	**21**	**2.444**	**0.9127**	**4.762**	**None**	**No**	**0.0002894**	**Param Intra 1 of 2**
Total Dissolved Solids [TDS] (mg/l)	**GWA-3A**	**117**	**n/a**	**2/26/2025**	**121**	**Yes**	**20**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.004291**	**NP Intra (normality) 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron, total (mg/L)	GWA-1	0.04	n/a	2/27/2025	0.04ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-2	0.04	n/a	2/27/2025	0.04ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-2R	0.04	n/a	2/27/2025	0.021J	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-39RZ	0.04	n/a	2/26/2025	0.04ND	No	21	n/a	n/a	38.1	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Boron, total (mg/L)	GWA-39Z	0.04	n/a	2/25/2025	0.04ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-3A	0.04	n/a	2/26/2025	0.04ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-40	0.04	n/a	2/25/2025	0.04ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-41	0.04	n/a	2/25/2025	0.0094J	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-41R	0.04	n/a	2/25/2025	0.017J	No	21	n/a	n/a	38.1	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Boron, total (mg/L)	GWA-42	0.04	n/a	2/25/2025	0.04ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-43	0.04	n/a	2/25/2025	0.04ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-43R	0.03952	n/a	2/25/2025	0.011J	No	21	0.0181	0.008397	23.81	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Boron, total (mg/L)	GWA-4RZ	0.04	n/a	2/28/2025	0.0067J	No	21	n/a	n/a	23.81	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Boron, total (mg/L)	GWA-50	0.04	n/a	2/27/2025	0.04ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-50R	0.04	n/a	2/28/2025	0.04ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-10	0.04	n/a	2/28/2025	0.04ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-10R	0.04	n/a	3/3/2025	0.04ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-11	0.04	n/a	3/4/2025	0.04ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-11R	0.04	n/a	3/3/2025	0.04ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-12	0.04	n/a	3/4/2025	0.04ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-13	0.04158	n/a	3/3/2025	0.012J	No	21	0.2545	0.03604	28.57	Kaplan-Meier	x^(1/3)	0.0002894	Param Intra 1 of 2
Boron, total (mg/L)	GWC-13RZ	0.0241	n/a	3/4/2025	0.017J	No	21	0.01482	0.003639	14.29	None	No	0.0002894	Param Intra 1 of 2
Boron, total (mg/L)	GWC-14Z	0.04	n/a	3/3/2025	0.04ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-15R	0.04	n/a	3/3/2025	0.04ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-15Z	0.04	n/a	3/3/2025	0.04ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-44	0.04	n/a	2/26/2025	0.0098J	No	21	n/a	n/a	38.1	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Boron, total (mg/L)	GWC-45	0.04	n/a	2/26/2025	0.04ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-45R	0.04	n/a	2/26/2025	0.0069J	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-46R	0.04	n/a	2/26/2025	0.04ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-47	0.04	n/a	2/26/2025	0.04ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-47R	0.04	n/a	2/26/2025	0.04ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-48	0.04	n/a	2/26/2025	0.04ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-49R	0.04	n/a	2/26/2025	0.04ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-49Z	0.04	n/a	2/26/2025	0.04ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-5	0.04	n/a	2/27/2025	0.04ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-6	0.04	n/a	2/27/2025	0.04ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-6RZ	0.04	n/a	2/27/2025	0.04ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-7Z	0.04	n/a	2/27/2025	0.04ND	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-8RR	0.04	n/a	3/4/2025	0.04ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-8Z	0.04	n/a	2/28/2025	0.04ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-9	0.04	n/a	2/28/2025	0.0069J	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Calcium, total (mg/L)	GWA-1	36.79	n/a	2/27/2025	33.4	No	21	31.01	2.262	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-2	82.76	n/a	2/27/2025	41.7	No	21	29.62	20.83	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	**GWA-2R**	**62.42**	**n/a**	**2/27/2025**	**66.7**	**Yes**	**21**	**28.81**	**13.17**	**0**	**None**	**No**	**0.0002894**	**Param Intra 1 of 2**
Calcium, total (mg/L)	GWA-39RZ	38.57	n/a	2/26/2025	35.4	No	21	35146	8709	0	None	x^3	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-39Z	31.73	n/a	2/25/2025	17.4	No	22	12.45	7.622	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-3A	23	n/a	2/26/2025	19.9	No	8	n/a	n/a	0	n/a	n/a	0.02144	NP Intra (normality) 1 of 2
Calcium, total (mg/L)	GWA-40	29.63	n/a	2/25/2025	26.3	No	21	20.77	3.47	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-41	39.48	n/a	2/25/2025	31.7	No	21	18.48	8.23	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-41R	48.25	n/a	2/25/2025	34	No	21	34.14	5.53	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-42	41.56	n/a	2/25/2025	38.9	No	21	32.51	3.547	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-43	16.32	n/a	2/25/2025	1.6	No	20	2.232	0.7025	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-43R	35.02	n/a	2/25/2025	23.2	No	22	29.44	2.207	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-4RZ	62.56	n/a	2/28/2025	56.6	No	21	50.35	4.783	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-50	4.427	n/a	2/27/2025	1.4	No	21	0.6597	0.3245	0	None	ln(x)	0.0002894	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium, total (mg/L)	GWA-50R	14.18	n/a	2/28/2025	0.81J	No	21	1.814	0.765	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-10	44.58	n/a	2/28/2025	19.9	No	21	891	429.8	0	None	x^2	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-10R	50.76	n/a	3/3/2025	41.8	No	21	41.74	3.534	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-11	30.33	n/a	3/4/2025	18.9	No	21	16.41	5.456	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-11R	40.72	n/a	3/3/2025	33.2	No	21	27.91	5.017	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-12	9.551	n/a	3/4/2025	7.9	No	21	8.102	0.5677	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-13	72.66	n/a	3/3/2025	31	No	21	42.37	11.87	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-13RZ	57.21	n/a	3/4/2025	40.1	No	21	1930	526.5	0	None	x^2	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-14Z	23.57	n/a	3/3/2025	12.5	No	14	15.55	2.805	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-15R	45.85	n/a	3/3/2025	26.6	No	20	36.52	3.624	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-15Z	30.25	n/a	3/3/2025	24.4	No	21	14090	5331	0	None	x^3	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-44	20.38	n/a	2/26/2025	7.3	No	21	7.518	5.04	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-45	1.155	n/a	2/26/2025	1	No	21	0.9322	0.05595	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-45R	51.45	n/a	2/26/2025	40.3	No	21	37.22	5.573	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-46R	54.41	n/a	2/26/2025	44.6	No	21	43.65	4.217	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-47	32.59	n/a	2/26/2025	28.6	No	21	23.25	3.662	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-47R	38.61	n/a	2/26/2025	36.7	No	21	30	3.372	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-48	12	n/a	2/26/2025	5.7	No	21	n/a	n/a	4.762	n/a	n/a	0.003999	NP Intra (normality) 1 of 2	
Calcium, total (mg/L)	GWC-49R	30.86	n/a	2/26/2025	26.9	No	21	25.18	2.227	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-49Z	2.25	n/a	2/26/2025	0.7J	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Calcium, total (mg/L)	GWC-5	12.1	n/a	2/27/2025	3.6	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2	
Calcium, total (mg/L)	GWC-6	16.91	n/a	2/27/2025	15.4	No	20	14.26	1.03	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-6RZ	14.88	n/a	2/27/2025	9.8	No	20	10.55	1.68	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-7Z	28.94	n/a	2/27/2025	24.3	No	21	24.14	1.881	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-8RR	26.1	n/a	3/4/2025	22.2	No	21	22.2	1.527	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-8Z	27.04	n/a	2/28/2025	19.2	No	20	395.6	130.3	0	None	x^2	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-9	71.03	n/a	2/28/2025	3.5	No	21	1.635	1.03	0	None	ln(x)	0.0002894	Param Intra 1 of 2	
Fluoride, total (mg/L)	GWA-1	0.1225	n/a	2/27/2025	0.075J	No	21	0.05634	0.02593	28.57	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2	
Fluoride, total (mg/L)	GWA-2	0.17	n/a	2/27/2025	0.076J	No	20	n/a	n/a	50	n/a	n/a	0.004291	NP Intra (normality) 1 of 2	
Fluoride, total (mg/L)	GWA-2R	0.1	n/a	2/27/2025	0.095J	No	21	n/a	n/a	42.86	n/a	n/a	0.003999	NP Intra (normality) 1 of 2	
Fluoride, total (mg/L)	GWA-39RZ	0.2392	n/a	2/26/2025	0.061J	No	21	0.3989	0.08694	38.1	Kaplan-Meier	x^(1/3)	0.0002894	Param Intra 1 of 2	
Fluoride, total (mg/L)	GWA-39Z	0.1147	n/a	2/25/2025	0.076J	No	21	0.05489	0.02343	38.1	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2	
Fluoride, total (mg/L)	GWA-3A	0.1	n/a	2/26/2025	0.1ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWA-40	0.11	n/a	2/25/2025	0.066J	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWA-41	0.1	n/a	2/25/2025	0.052J	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWA-41R	0.12	n/a	2/25/2025	0.05J	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWA-42	0.1	n/a	2/25/2025	0.06J	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWA-43	0.1	n/a	2/25/2025	0.1ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWA-43R	0.1	n/a	2/25/2025	0.1ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWA-4RZ	0.3039	n/a	2/28/2025	0.081J	No	21	0.1595	0.05658	4.762	None	No	0.0002894	Param Intra 1 of 2	
Fluoride, total (mg/L)	GWA-50	0.1	n/a	2/27/2025	0.1ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWA-50R	0.1	n/a	2/28/2025	0.1ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-10	0.1	n/a	2/28/2025	0.1ND	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-10R	0.1	n/a	3/3/2025	0.1ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-11	0.1	n/a	3/4/2025	0.065J	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-11R	0.1	n/a	3/3/2025	0.1ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-12	0.1	n/a	3/4/2025	0.057J	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-13	0.24	n/a	3/3/2025	0.1ND	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-13RZ	0.2726	n/a	3/4/2025	0.16	No	21	0.1432	0.05068	9.524	None	No	0.0002894	Param Intra 1 of 2	
Fluoride, total (mg/L)	GWC-14Z	0.1	n/a	3/3/2025	0.1ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-15R	0.1	n/a	3/3/2025	0.1ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-15Z	0.1	n/a	3/3/2025	0.1ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-44	0.1814	n/a	2/26/2025	0.059J	No	22	0.06786	0.04489	31.82	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2	
Fluoride, total (mg/L)	GWC-45	0.1	n/a	2/26/2025	0.1ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-45R	0.14	n/a	2/26/2025	0.055J	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride, total (mg/L)	GWC-46R	0.1	n/a	2/26/2025	0.053J	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-47	0.13	n/a	2/26/2025	0.073J	No	21	n/a	n/a	42.86	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Fluoride, total (mg/L)	GWC-47R	0.13	n/a	2/26/2025	0.063J	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-48	0.1	n/a	2/26/2025	0.085J	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-49R	0.1	n/a	2/26/2025	0.05J	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-49Z	0.1	n/a	2/26/2025	0.1ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-5	0.1	n/a	2/27/2025	0.05J	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-6	0.1	n/a	2/27/2025	0.052J	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-6RZ	0.1	n/a	2/27/2025	0.057J	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-7Z	0.22	n/a	2/27/2025	0.062J	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-8RR	0.1	n/a	3/4/2025	0.055J	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-8Z	0.1	n/a	2/28/2025	0.1ND	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Fluoride, total (mg/L)	GWC-9	0.1	n/a	2/28/2025	0.1ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Sulfate, total (mg/L)	GWA-1	2.598	n/a	2/27/2025	0.88J	No	21	1.457	0.4474	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-2	171.3	n/a	2/27/2025	74.4	No	21	58.87	44.05	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	**GWA-2R**	**38.9**	**n/a**	**2/27/2025**	**41.5**	**Yes**	**21**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003999**	**NP Intra (normality) 1 of 2**
Sulfate, total (mg/L)	GWA-39RZ	26.59	n/a	2/26/2025	2.4	No	21	9.752	6.6	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-39Z	9.063	n/a	2/25/2025	1.2	No	21	3.31	2.255	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-3A	8	n/a	2/26/2025	1.7	No	8	3.575	1.183	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-40	7.4	n/a	2/25/2025	0.71J	No	22	n/a	n/a	4.545	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Sulfate, total (mg/L)	GWA-41	11.5	n/a	2/25/2025	5	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Sulfate, total (mg/L)	GWA-41R	13.3	n/a	2/25/2025	5.8	No	21	5.842	2.922	4.762	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-42	2.522	n/a	2/25/2025	1.2	No	21	1.514	0.3952	4.762	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-43	1.762	n/a	2/25/2025	1ND	No	21	0.7235	0.4069	42.86	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-43R	10.42	n/a	2/25/2025	2.1	No	21	5.066	2.097	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-4RZ	27.57	n/a	2/28/2025	22.4	No	22	20.91	2.63	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-50	1	n/a	2/27/2025	1ND	No	21	n/a	n/a	38.1	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Sulfate, total (mg/L)	GWA-50R	1.627	n/a	2/28/2025	0.51J	No	21	0.8976	0.2859	4.762	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-10	2.121	n/a	2/28/2025	1.1	No	21	1.355	0.3002	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-10R	2.158	n/a	3/3/2025	0.9J	No	21	1.396	0.2988	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-11	3.787	n/a	3/4/2025	1.6	No	21	2.327	0.5722	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-11R	4.419	n/a	3/3/2025	1.4	No	21	2.37	0.803	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-12	1	n/a	3/4/2025	1ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Sulfate, total (mg/L)	GWC-13	89.34	n/a	3/3/2025	15.6	No	12	27.98	20.45	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-13RZ	86.13	n/a	3/4/2025	51.8	No	16	65.43	7.612	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-14Z	12.93	n/a	3/3/2025	6.4	No	20	5.125	3.031	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-15R	13.7	n/a	3/3/2025	1.4	No	21	8.74	1.943	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-15Z	12.17	n/a	3/3/2025	0.5ND	No	19	0.4985	0.7664	0	None	ln(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-44	58.87	n/a	2/26/2025	16.1	No	21	22.48	14.26	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-45	1.444	n/a	2/26/2025	1ND	No	21	0.787	0.2573	33.33	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-45R	10.1	n/a	2/26/2025	3.3	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Sulfate, total (mg/L)	GWC-46R	9.353	n/a	2/26/2025	3.2	No	21	6.287	1.202	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-47	8.4	n/a	2/26/2025	7	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Sulfate, total (mg/L)	GWC-47R	16.01	n/a	2/26/2025	9.6	No	21	9.387	2.597	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-48	22.48	n/a	2/26/2025	14.8	No	23	0.9129	0.8771	4.348	None	ln(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-49R	5.925	n/a	2/26/2025	1.4	No	22	1.762	0.2657	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-49Z	3.047	n/a	2/26/2025	0.51J	No	18	1.612	0.5421	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-5	2.094	n/a	2/27/2025	0.74J	No	21	1.375	0.2818	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-6	3.598	n/a	2/27/2025	1.4	No	21	2.187	0.5532	4.762	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-6RZ	3.224	n/a	2/27/2025	1.1	No	21	1.884	0.5252	4.762	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-7Z	2.294	n/a	2/27/2025	0.69J	No	21	1.027	0.4965	4.762	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-8RR	2.06	n/a	3/4/2025	0.98J	No	21	1.006	0.4131	4.762	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-8Z	4.192	n/a	2/28/2025	0.52J	No	21	1.745	0.9592	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	**GWC-9**	**4.773**	**n/a**	**2/28/2025**	**6.5**	**Yes**	**21**	**2.444**	**0.9127**	**4.762**	**None**	**No**	**0.0002894**	**Param Intra 1 of 2**
Total Dissolved Solids [TDS] (mg/l)	GWA-1	186.9	n/a	2/27/2025	142	No	21	153.6	13.03	0	None	No	0.0002894	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Total Dissolved Solids [TDS] (mg/l)	GWA-2	387.3	n/a	2/27/2025	211	No	21	151.4	92.48	4.762	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-2R	235.4	n/a	2/27/2025	231	No	21	125.6	43.03	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-39RZ	244.7	n/a	2/26/2025	156	No	21	161.6	32.58	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-39Z	157.4	n/a	2/25/2025	91	No	20	69.3	34.24	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	**GWA-3A**	**117**	**n/a**	**2/26/2025**	**121**	**Yes**	**20**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.004291**	**NP Intra (normality) 1 of 2**	
Total Dissolved Solids [TDS] (mg/l)	GWA-40	222.6	n/a	2/25/2025	119	No	21	4.697	0.5343	0	None	x^(1/3)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-41	188.2	n/a	2/25/2025	142	No	21	83.38	41.08	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-41R	256.3	n/a	2/25/2025	161	No	21	161.5	37.15	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-42	209.5	n/a	2/25/2025	155	No	21	5.155	0.3076	0	None	x^(1/3)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-43	86.03	n/a	2/25/2025	25ND	No	21	36.31	19.49	19.05	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-43R	188	n/a	2/25/2025	140	No	21	140.1	18.76	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-4RZ	400	n/a	2/28/2025	273	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-50	42.78	n/a	2/27/2025	32	No	21	21.19	8.46	38.1	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-50R	95.79	n/a	2/28/2025	25ND	No	21	5.18	1.805	28.57	Kaplan-Meier	sqrt(x)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-10	206.1	n/a	2/28/2025	95	No	21	121.4	33.17	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-10R	230.5	n/a	3/3/2025	143	No	21	147	32.72	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-11	152	n/a	3/4/2025	100	No	21	93.1	23.08	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-11R	178.5	n/a	3/3/2025	150	No	21	134.1	17.4	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-12	102.1	n/a	3/4/2025	75	No	21	7.949	0.844	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-13	393.5	n/a	3/3/2025	137	No	21	200.7	75.55	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-13RZ	334.2	n/a	3/4/2025	252	No	21	1.8e7	7518546	0	None	x^3	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-14Z	252.2	n/a	3/3/2025	73	No	21	10.03	2.293	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-15R	229.1	n/a	3/3/2025	127	No	21	165.4	24.96	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-15Z	207.5	n/a	3/3/2025	124	No	21	117.3	35.36	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-44	183.4	n/a	2/26/2025	63	No	22	6.949	2.607	13.64	None	sqrt(x)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-45	65.69	n/a	2/26/2025	25ND	No	21	2.654	0.5411	38.1	Kaplan-Meier	x^(1/3)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-45R	249.3	n/a	2/26/2025	185	No	21	169.5	31.3	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-46R	294.2	n/a	2/26/2025	202	No	21	226.9	26.36	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-47	171.3	n/a	2/26/2025	129	No	21	123.7	18.65	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-47R	196	n/a	2/26/2025	153	No	21	21370	6687	0	None	x^2	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-48	87.8	n/a	2/26/2025	44	No	21	5.423	1.547	19.05	Kaplan-Meier	sqrt(x)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-49R	180.8	n/a	2/26/2025	119	No	21	122.9	22.71	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-49Z	63	n/a	2/26/2025	25ND	No	21	n/a	n/a	33.33	n/a	n/a	0.003999	NP Intra (normality) 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-5	116.4	n/a	2/27/2025	27	No	21	3.143	0.682	23.81	Kaplan-Meier	x^(1/3)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-6	150	n/a	2/27/2025	64	No	21	8.702	1.39	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-6RZ	150	n/a	2/27/2025	52	No	21	65.14	33.27	4.762	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-7Z	167	n/a	2/27/2025	107	No	21	118.6	18.97	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-8RR	134.6	n/a	3/4/2025	111	No	21	104.6	11.76	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-8Z	181.5	n/a	2/28/2025	96	No	21	105	29.96	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-9	186.5	n/a	2/28/2025	32	No	21	6.753	2.706	9.524	None	sqrt(x)	0.0002894	Param Intra 1 of 2	

Appendix III Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/13/2025, 1:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate, total (mg/L)	GWC-9	147	n/a	2/28/2025	6.5	No	347	n/a	n/a	7.781	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/13/2025, 1:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride, Total (mg/L)	GWC-10	9.3	n/a	2/28/2025	2	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-10R	9.3	n/a	3/3/2025	2.5	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-11	9.3	n/a	3/4/2025	0.87J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-11R	9.3	n/a	3/3/2025	1.6	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-12	9.3	n/a	3/4/2025	0.62J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-13	9.3	n/a	3/3/2025	3.3	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-13RZ	9.3	n/a	3/4/2025	4.4	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-14Z	9.3	n/a	3/3/2025	3.8	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-15R	9.3	n/a	3/3/2025	0.84J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-15Z	9.3	n/a	3/3/2025	0.8J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-44	9.3	n/a	2/26/2025	4	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-45	9.3	n/a	2/26/2025	0.65J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-45R	9.3	n/a	2/26/2025	2.9	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-46R	9.3	n/a	2/26/2025	3.4	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-47	9.3	n/a	2/26/2025	1.9	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-47R	9.3	n/a	2/26/2025	1.9	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-48	9.3	n/a	2/26/2025	5.5	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-49R	9.3	n/a	2/26/2025	0.88J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-49Z	9.3	n/a	2/26/2025	0.85J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-5	9.3	n/a	2/27/2025	0.5ND	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-6	9.3	n/a	2/27/2025	0.95J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-6RZ	9.3	n/a	2/27/2025	1.1	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-7Z	9.3	n/a	2/27/2025	0.62J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-8RR	9.3	n/a	3/4/2025	0.61J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-8Z	9.3	n/a	2/28/2025	1.6	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-9	9.3	n/a	2/28/2025	2.3	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-10	8.04	4.24	2/28/2025	6.5	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-10R	8.04	4.24	3/3/2025	7.57	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-11	8.04	4.24	3/4/2025	6.93	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-11R	8.04	4.24	3/3/2025	7.62	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-12	8.04	4.24	3/4/2025	6.22	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-13	8.04	4.24	3/3/2025	7.29	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-13RZ	8.04	4.24	3/4/2025	7.46	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-14Z	8.04	4.24	3/3/2025	6.16	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-15R	8.04	4.24	3/3/2025	7.8	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-15Z	8.04	4.24	3/3/2025	7.78	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-44	8.04	4.24	2/26/2025	4.36	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-45	8.04	4.24	2/26/2025	4.85	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-45R	8.04	4.24	2/26/2025	7.36	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-46R	8.04	4.24	2/26/2025	7.57	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-47	8.04	4.24	2/26/2025	7.53	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-47R	8.04	4.24	2/26/2025	7.75	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-48	8.04	4.24	2/26/2025	4.95	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-49R	8.04	4.24	2/26/2025	7.65	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-49Z	8.04	4.24	2/26/2025	5.18	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-5	8.04	4.24	2/27/2025	5.85	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-6	8.04	4.24	2/27/2025	7.59	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-6RZ	8.04	4.24	2/27/2025	7.1	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-7Z	8.04	4.24	2/27/2025	7.63	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-8RR	8.04	4.24	3/4/2025	7.96	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-8Z	8.04	4.24	2/28/2025	6.92	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-9	8.04	4.24	2/28/2025	4.81	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/13/2025, 1:48 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Sulfate, total (mg/L)	**GWA-1 (bg)**	**-0.1328**	**-181**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	**GWA-39RZ (bg)**	**-1.014**	**-107**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	**GWA-39Z (bg)**	**-0.5122**	**-178**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	**GWA-43R (bg)**	**-0.5307**	**-148**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	**GWA-50R (bg)**	**-0.07345**	**-164**	**-105**	**Yes**	**24**	**8.333**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/13/2025, 1:48 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Sulfate, total (mg/L)	**GWA-1 (bg)**	**-0.1328**	**-181**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	GWA-2 (bg)	2.451	28	105	No	24	0	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-2R (bg)	0.7936	103	105	No	24	0	n/a	0.01	NP
Sulfate, total (mg/L)	**GWA-39RZ (bg)**	**-1.014**	**-107**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	**GWA-39Z (bg)**	**-0.5122**	**-178**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	GWA-3A (bg)	-0.8448	-22	-25	No	9	0	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-40 (bg)	0	-9	-111	No	25	4	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-41 (bg)	0	1	105	No	24	0	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-41R (bg)	0.3238	44	105	No	24	4.167	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-42 (bg)	-0.05296	-60	-105	No	24	4.167	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-43 (bg)	0	-28	-105	No	24	50	n/a	0.01	NP
Sulfate, total (mg/L)	**GWA-43R (bg)**	**-0.5307**	**-148**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	GWA-4RZ (bg)	0.04315	15	111	No	25	0	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-50 (bg)	0	46	105	No	24	41.67	n/a	0.01	NP
Sulfate, total (mg/L)	**GWA-50R (bg)**	**-0.07345**	**-164**	**-105**	**Yes**	**24**	**8.333**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	GWC-9	0.17	69	105	No	24	4.167	n/a	0.01	NP

Appendix I Intrawell Prediction Limits - Resample - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:33 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	GWC-48	0.01	n/a	5/1/2025	0.006	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2

Appendix I Interwell Prediction Limits - Resample - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	GWC-48	0.0005	n/a	5/1/2025	0.00049	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2

Appendix III Interwell Prediction Limits - Resample - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/9/2025, 2:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH (pH_units)	GWC-48	8.04	4.24	5/1/2025	4.92	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2

FIGURE A.

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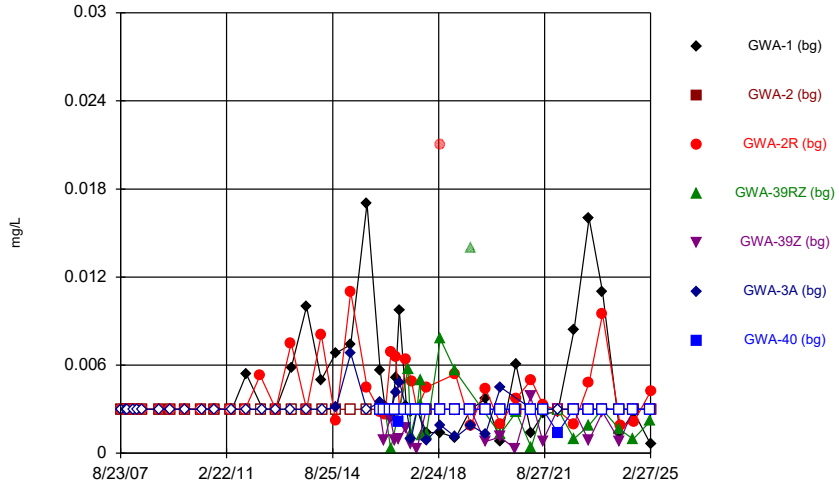

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Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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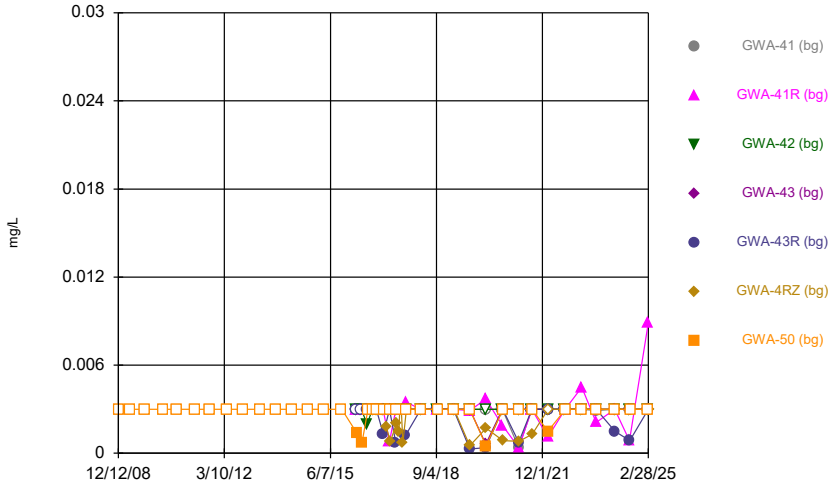

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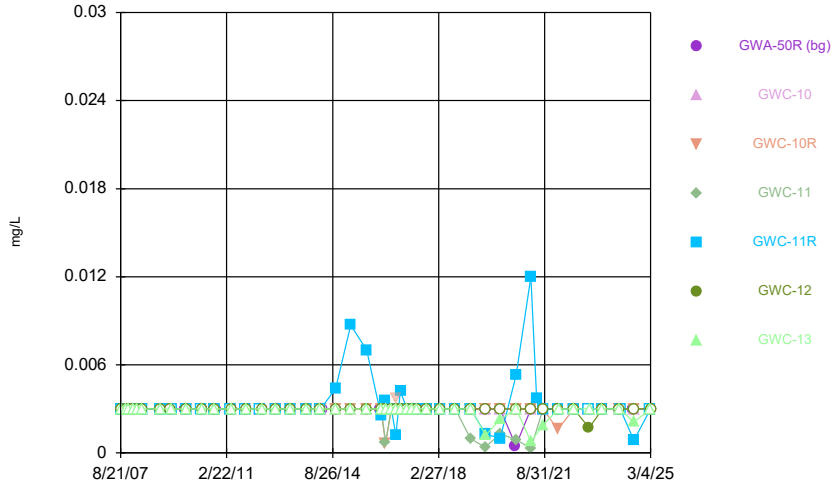

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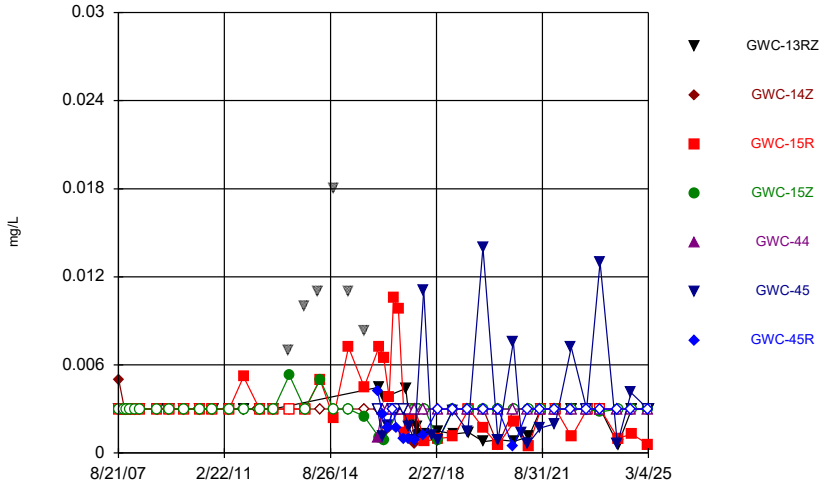

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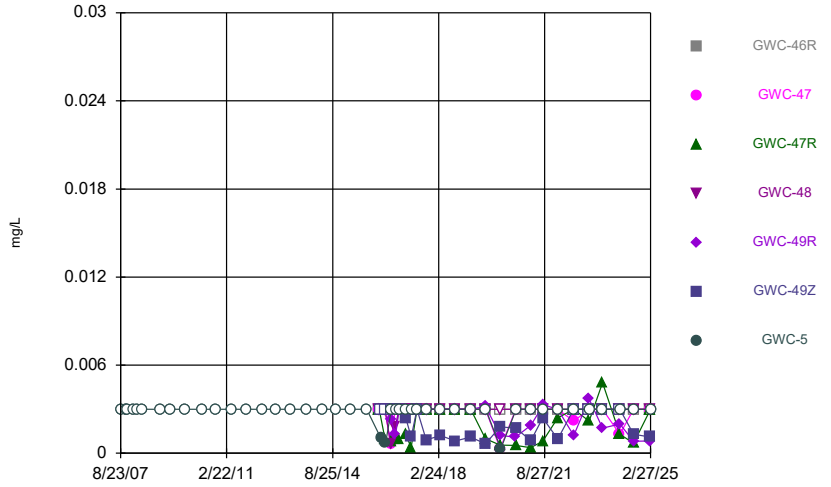

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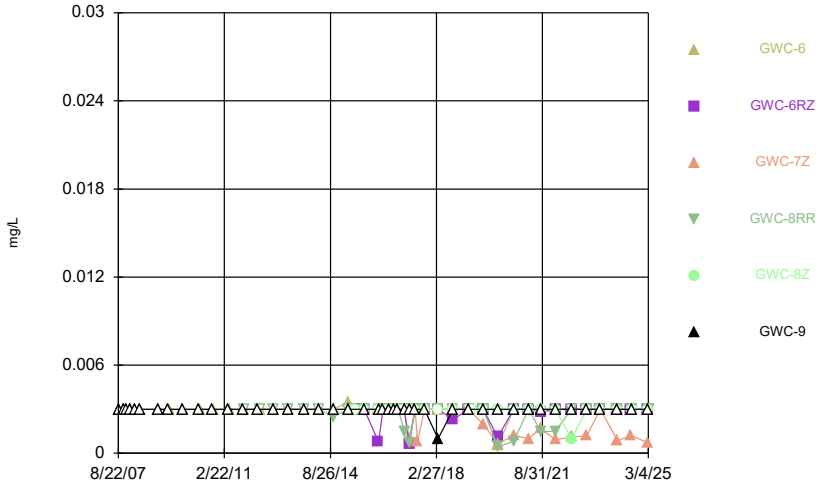

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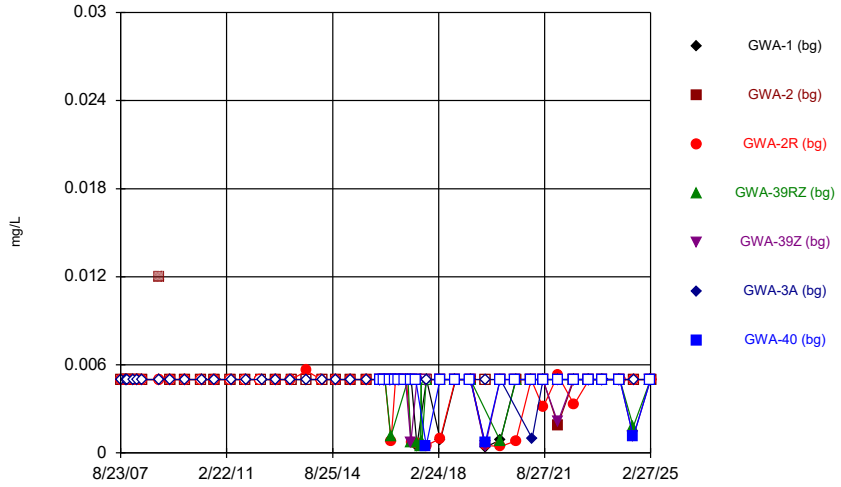

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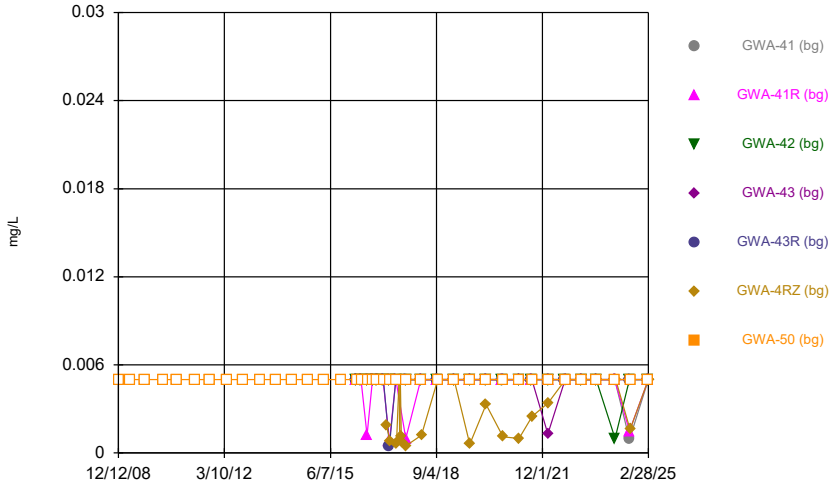

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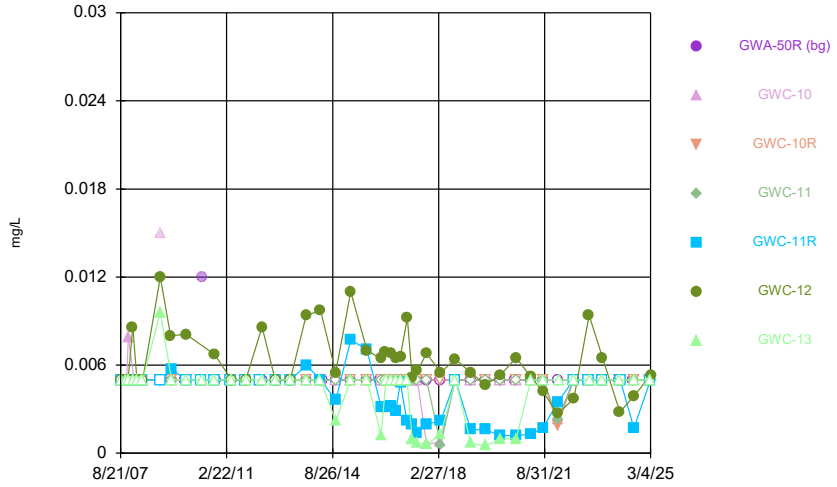

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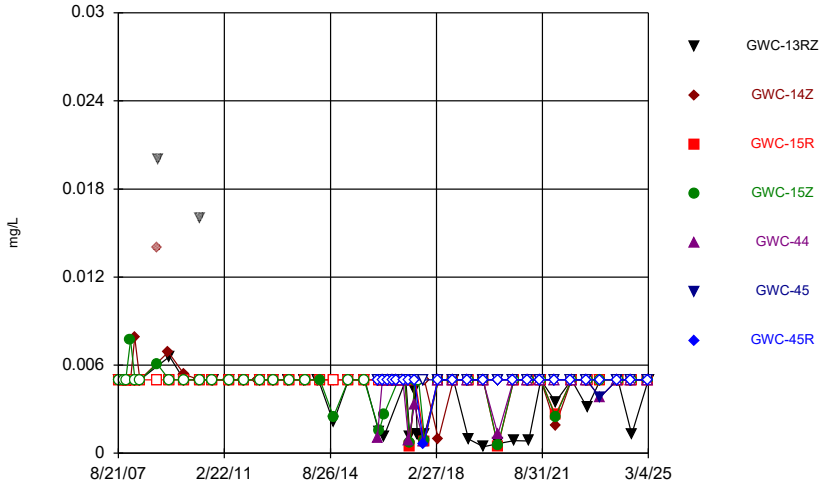

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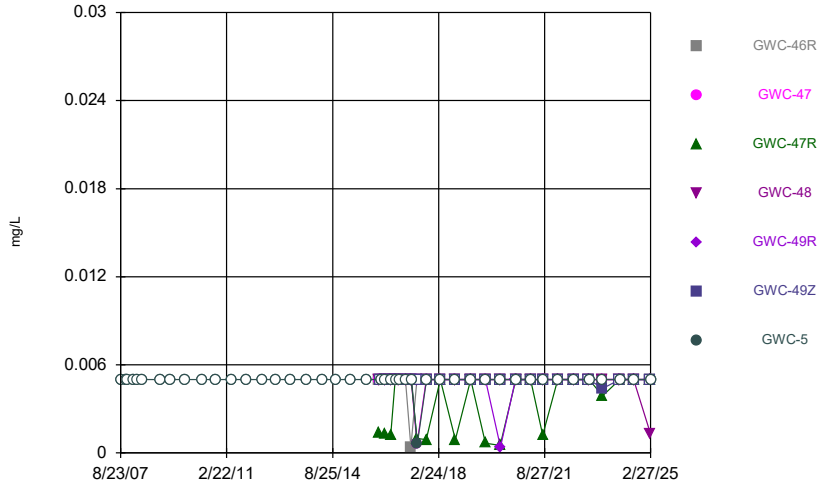

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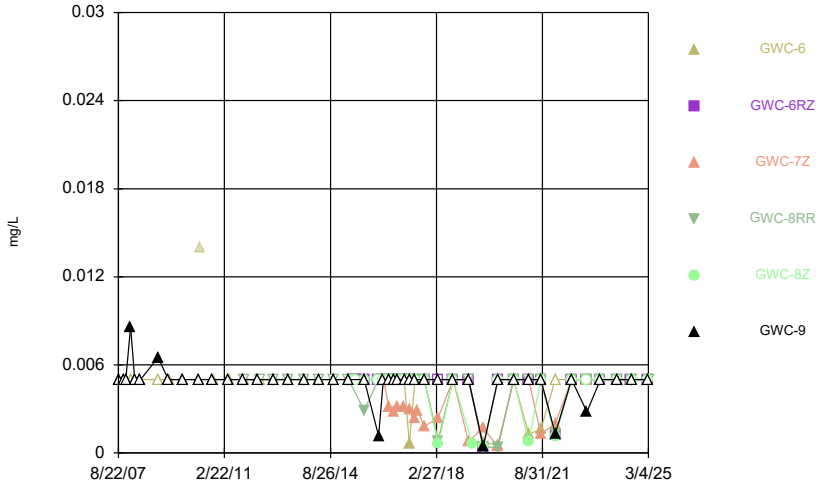

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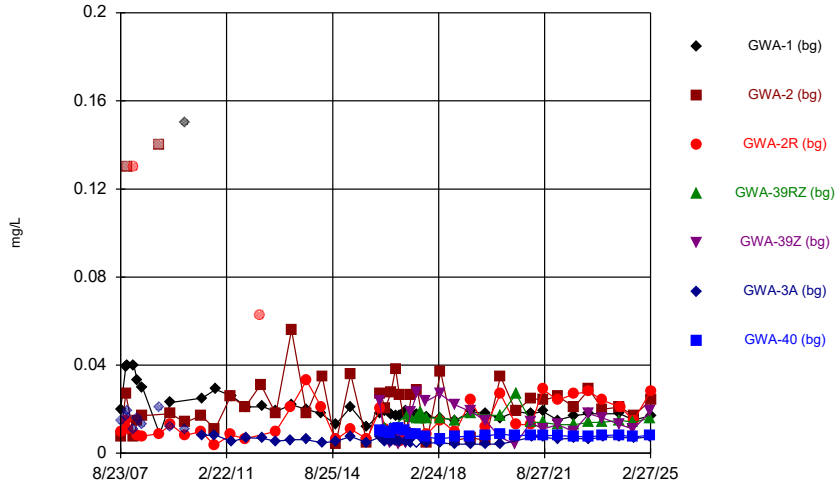

Constituent: Barium Analysis Run 6/23/2025 1:36 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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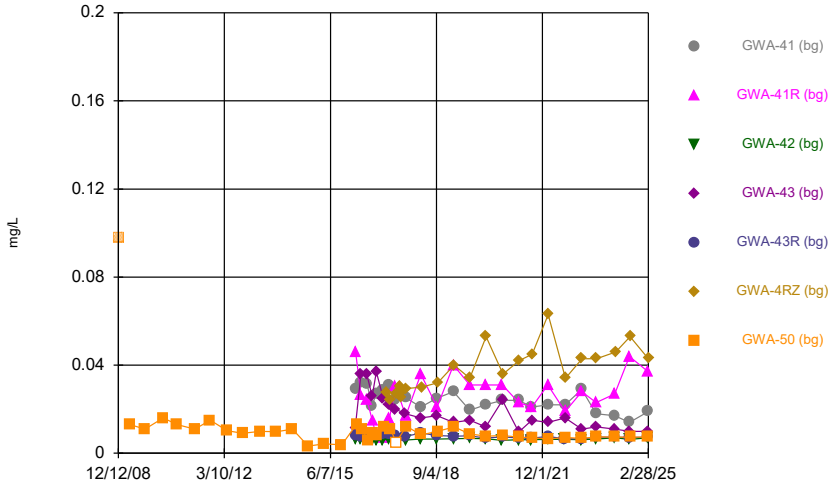
Hollow symbols indicate censored values.

Time Series



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Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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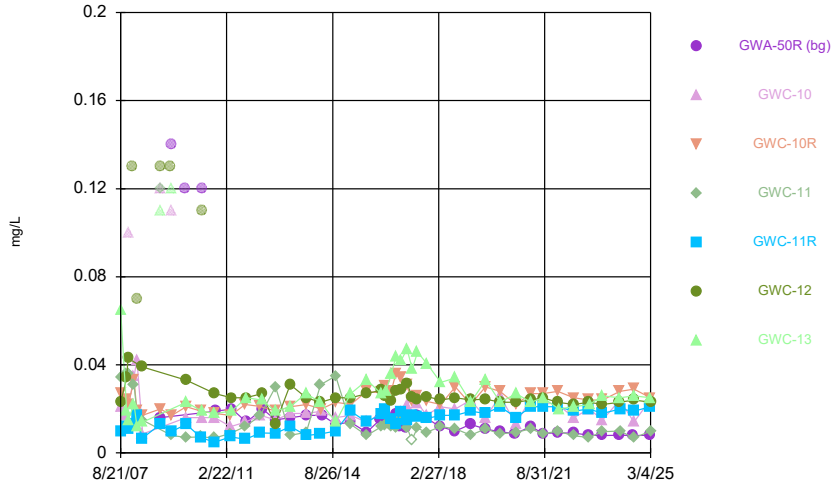
Time Series



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Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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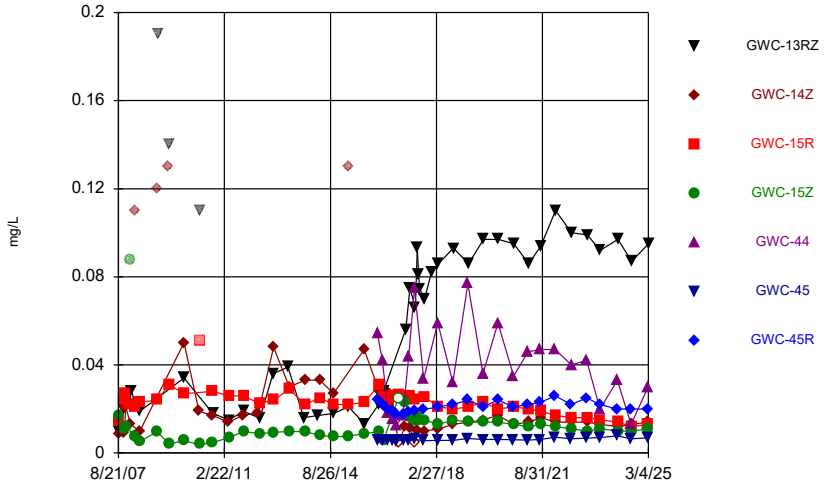
Time Series



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Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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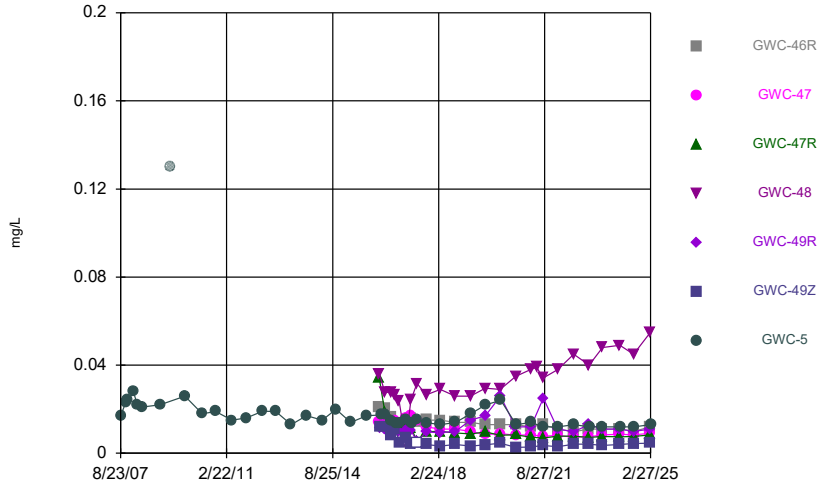
Time Series



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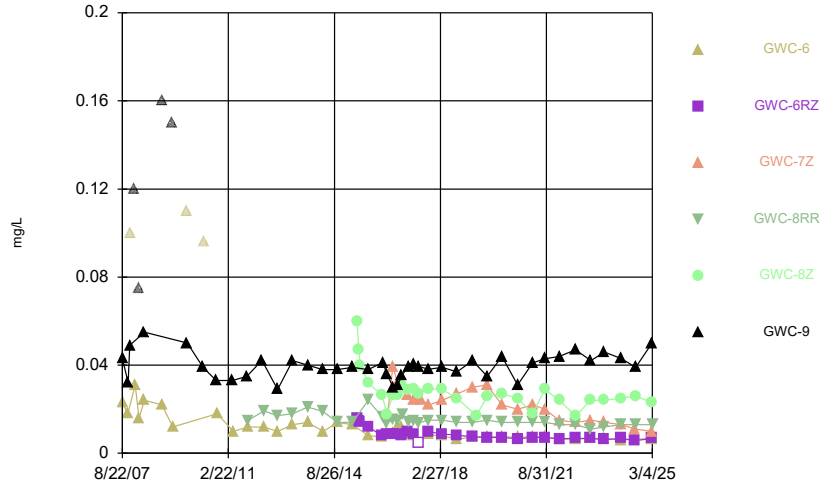

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Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

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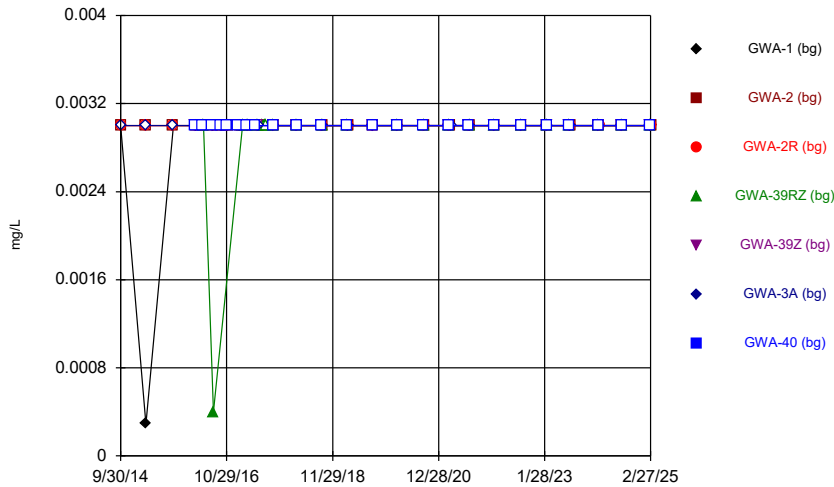

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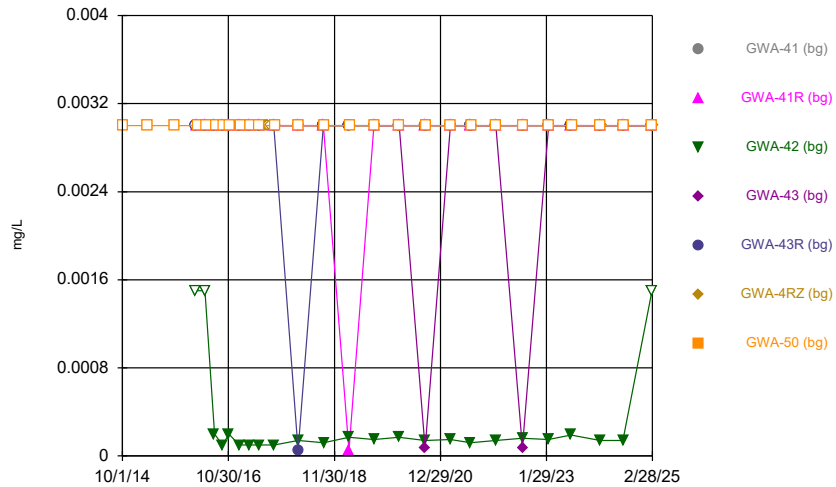
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

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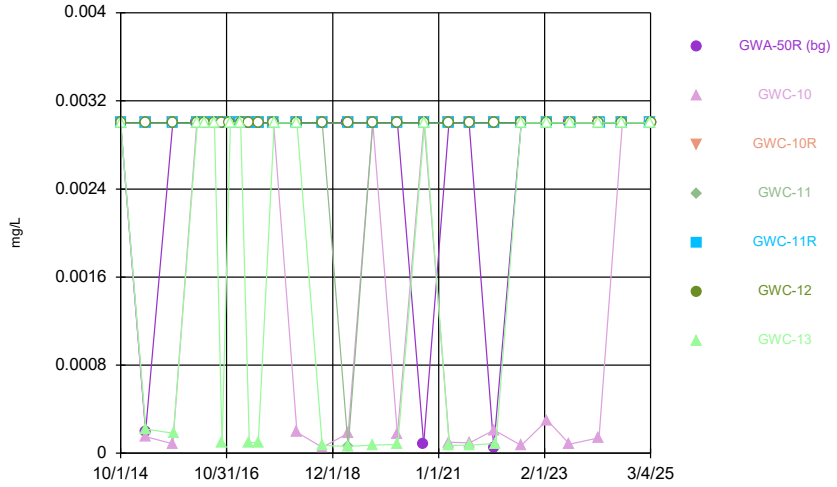

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Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

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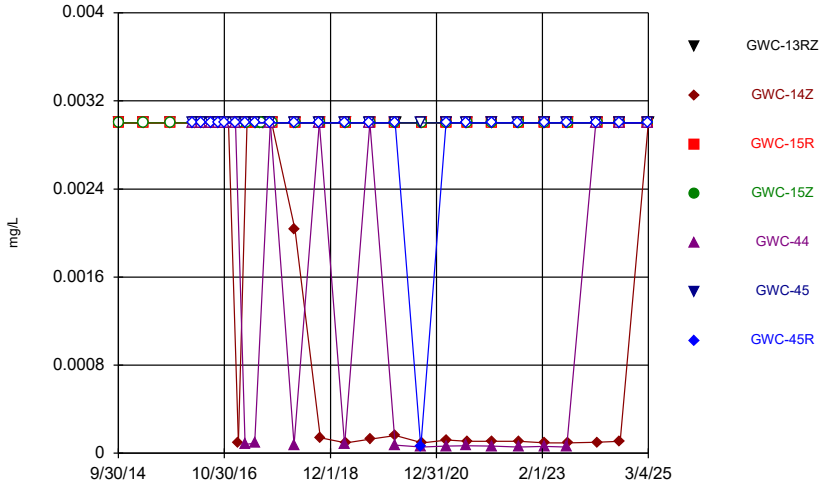

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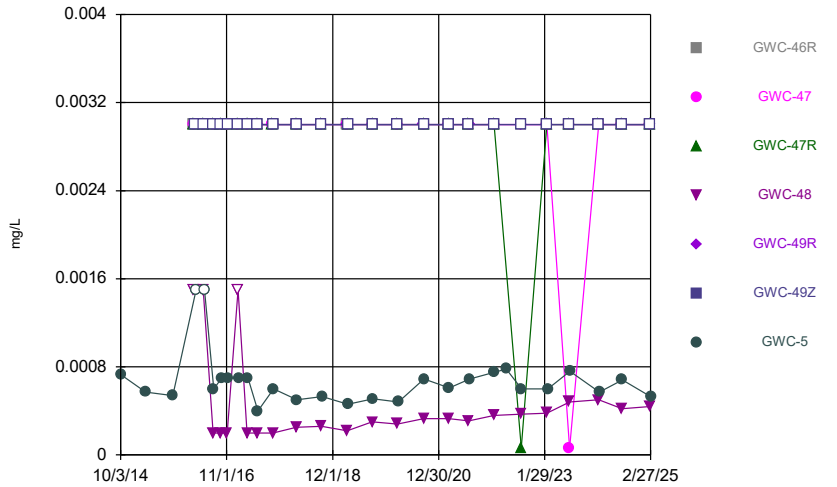

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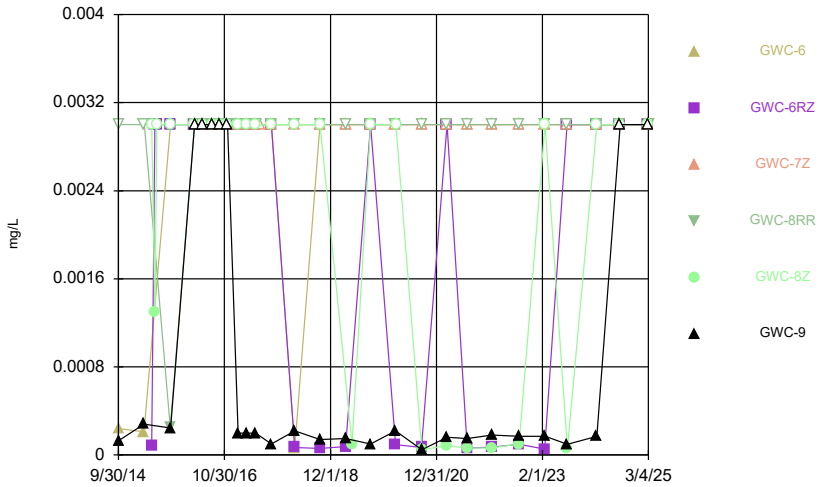

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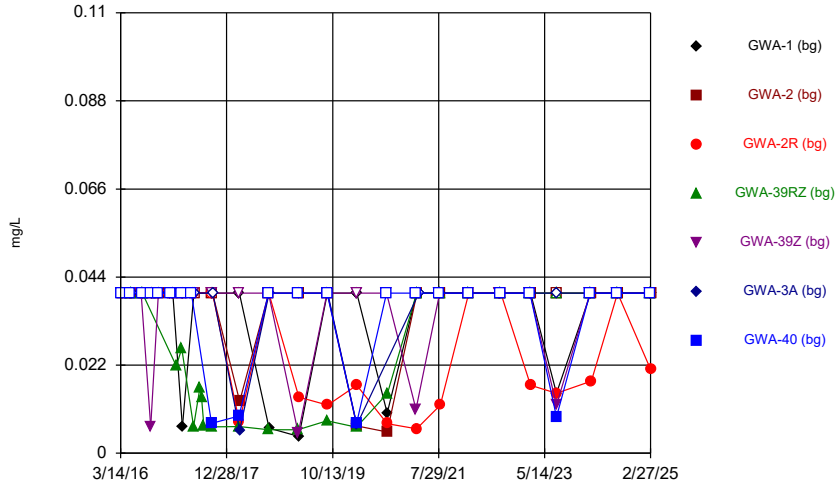

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Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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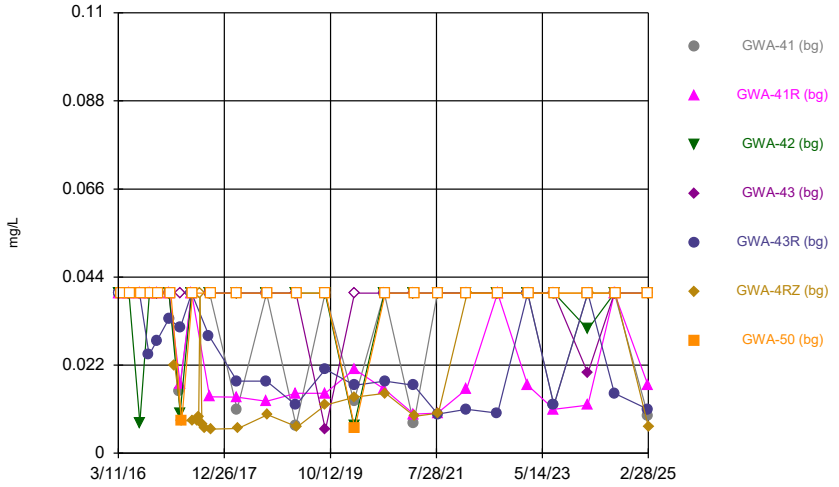

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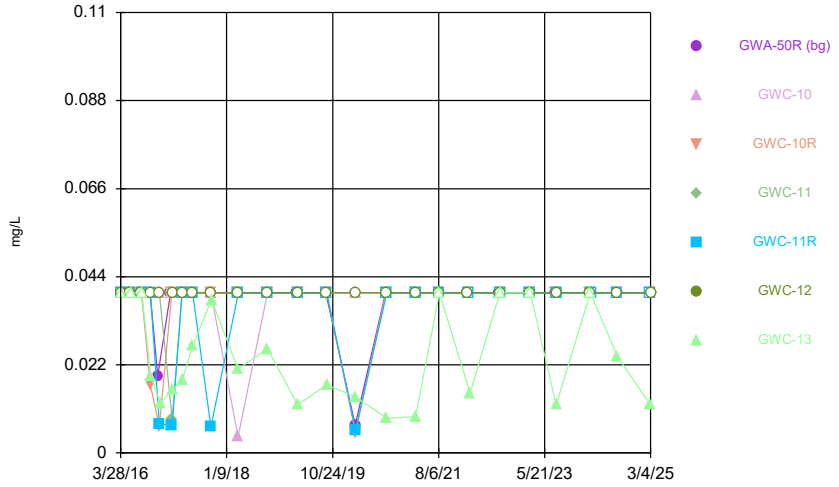

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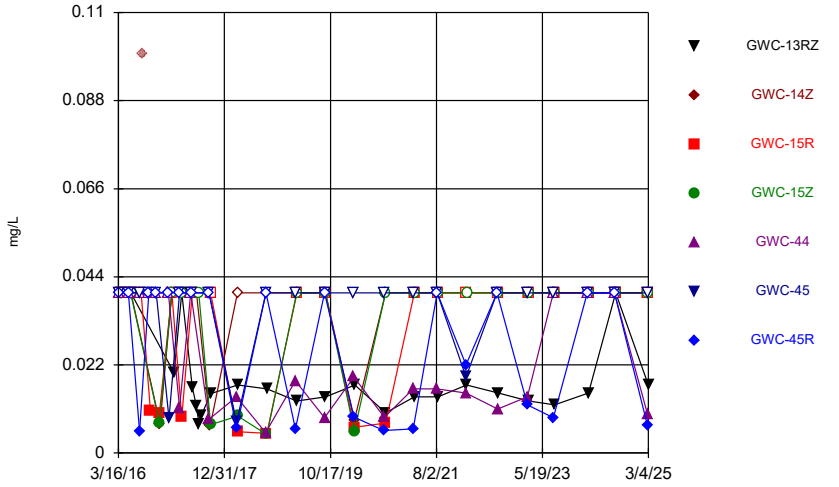

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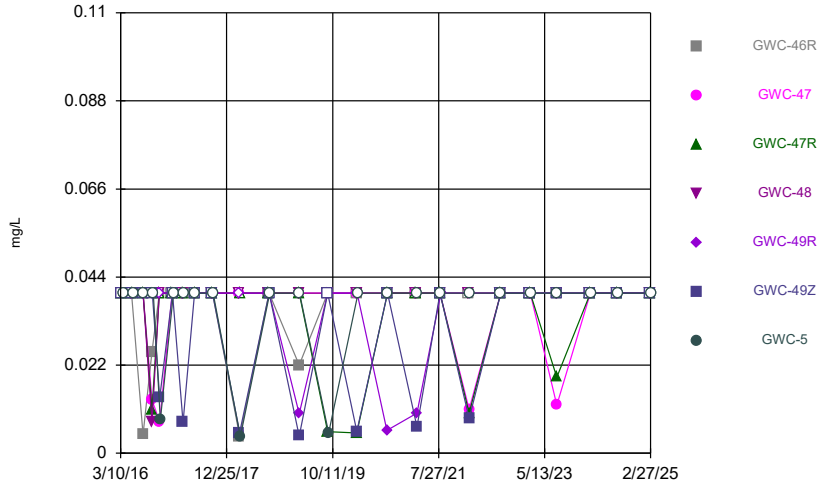

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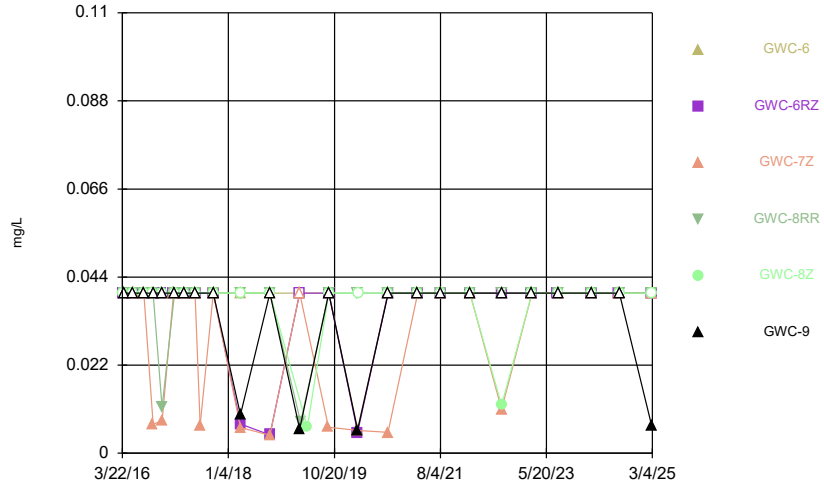

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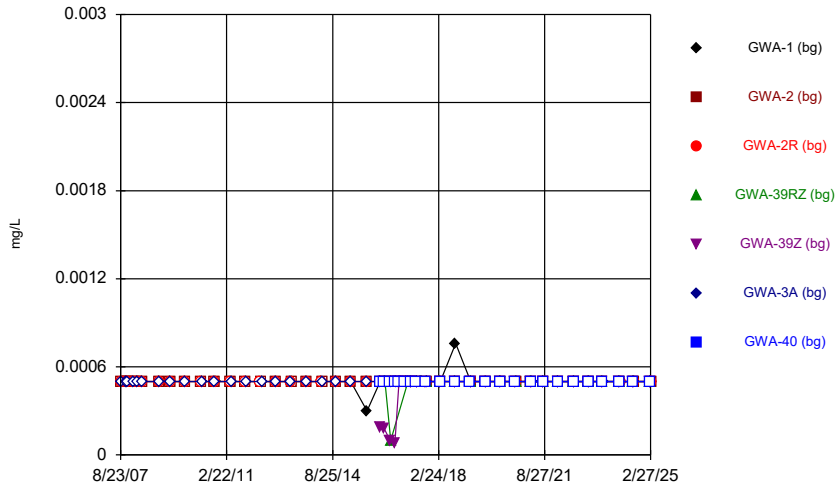

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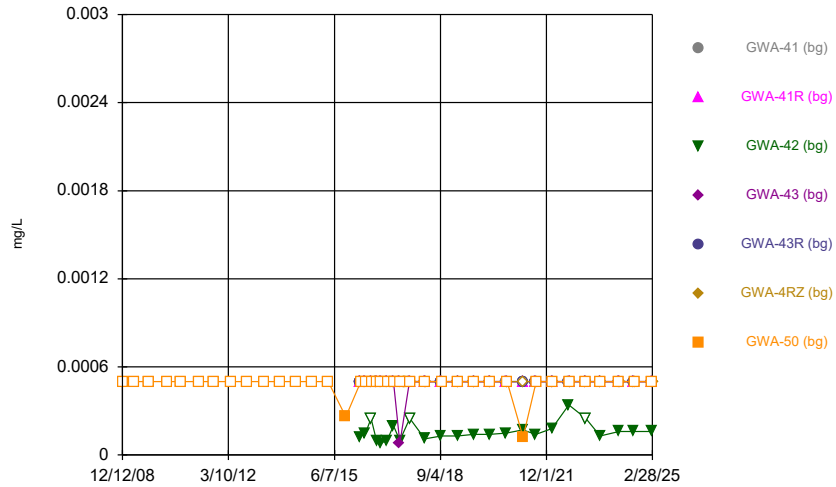

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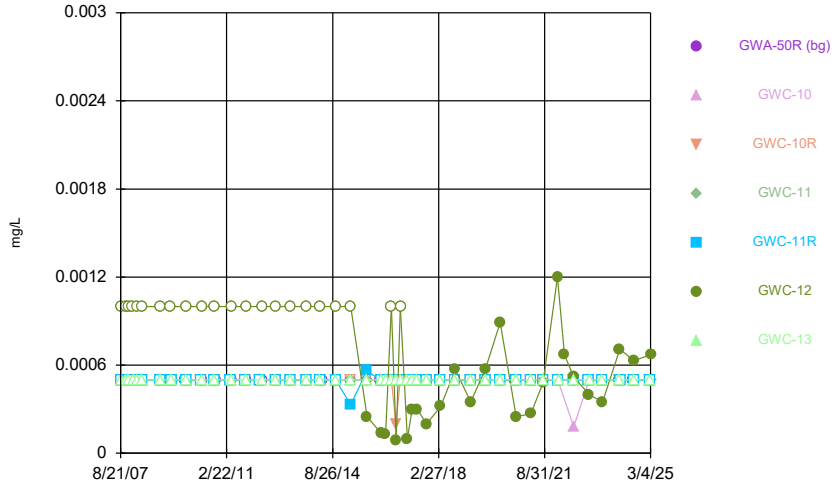

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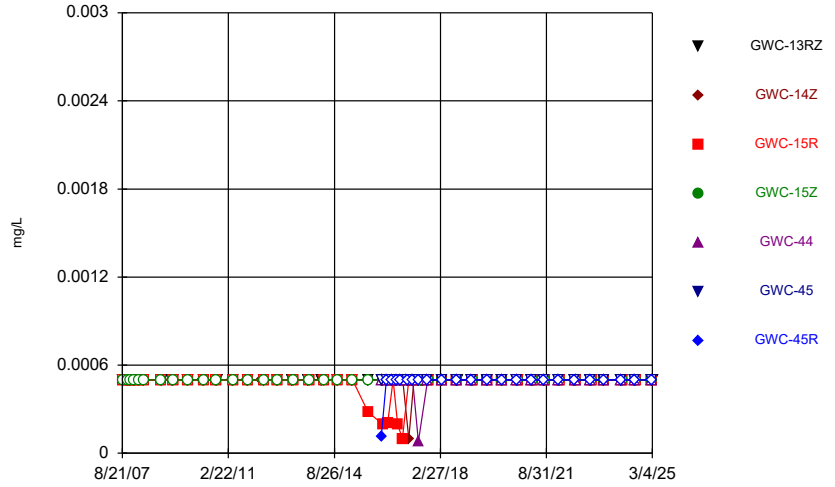

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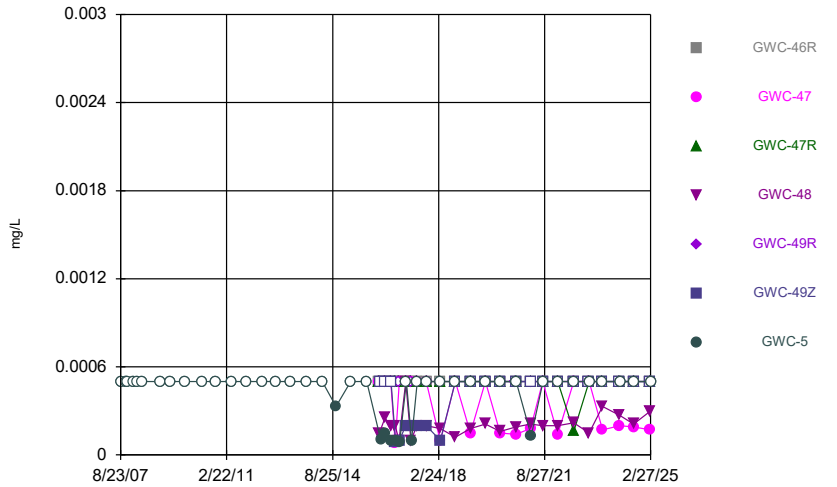

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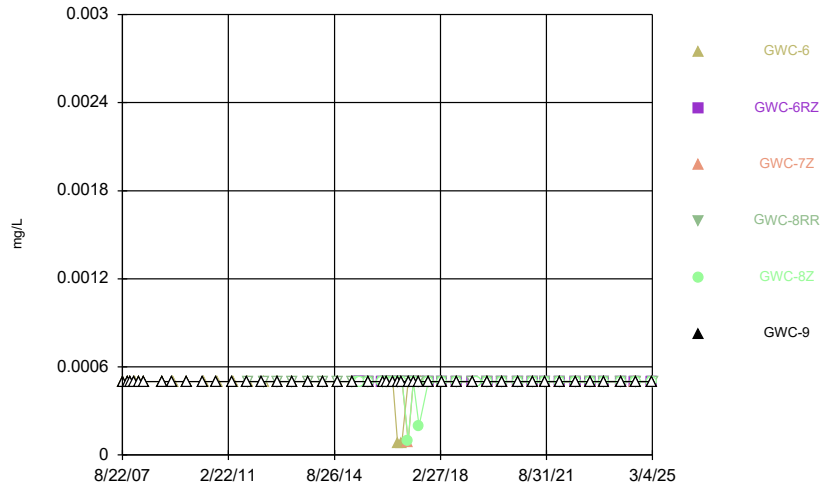

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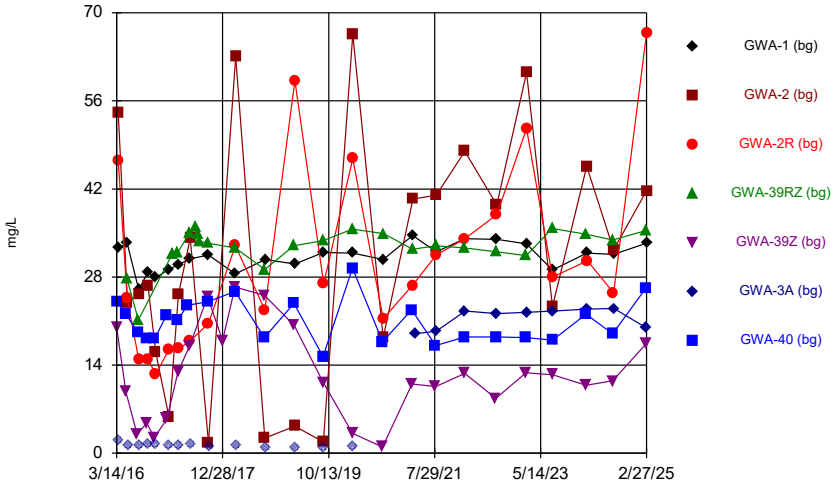
Time Series



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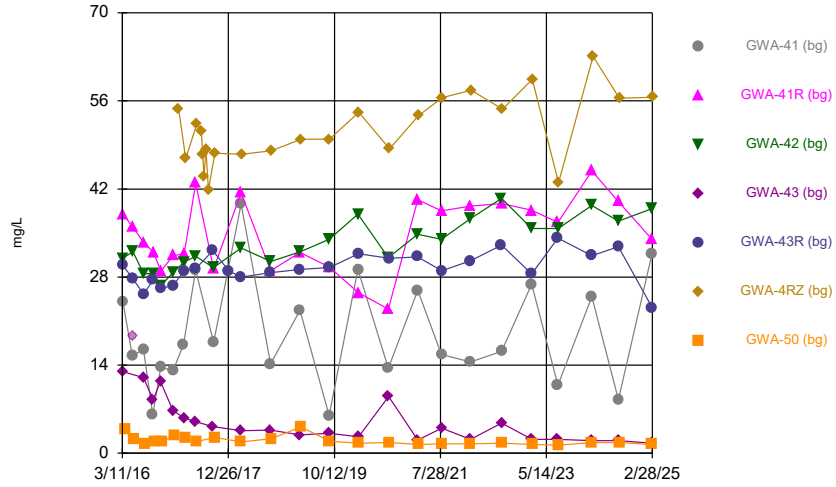
Time Series



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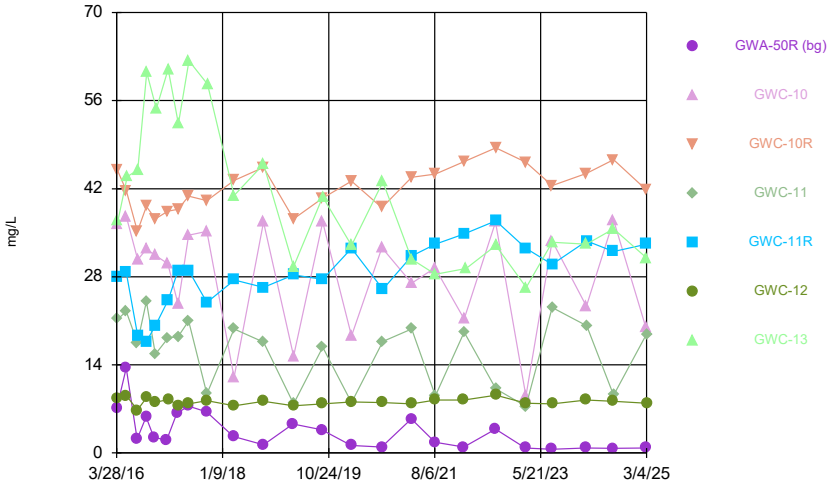
Time Series



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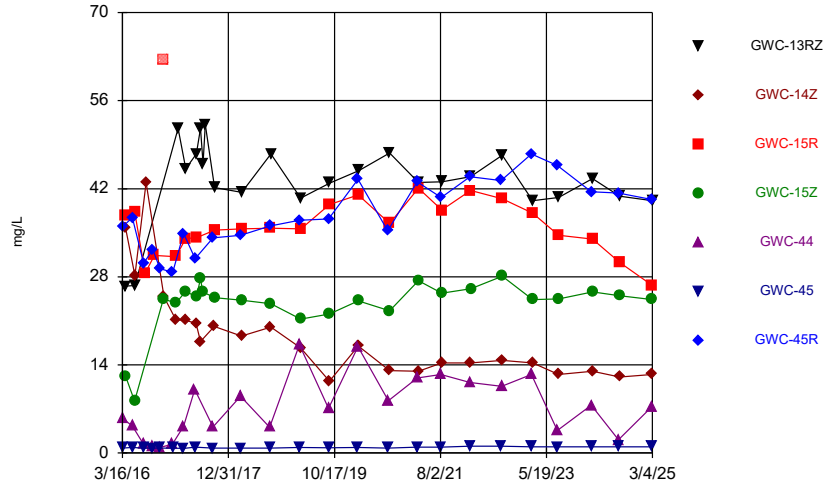
Time Series



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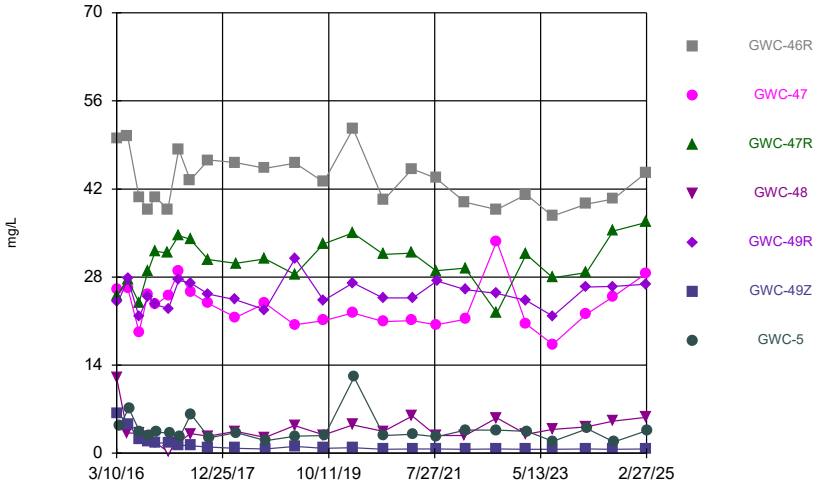
Time Series



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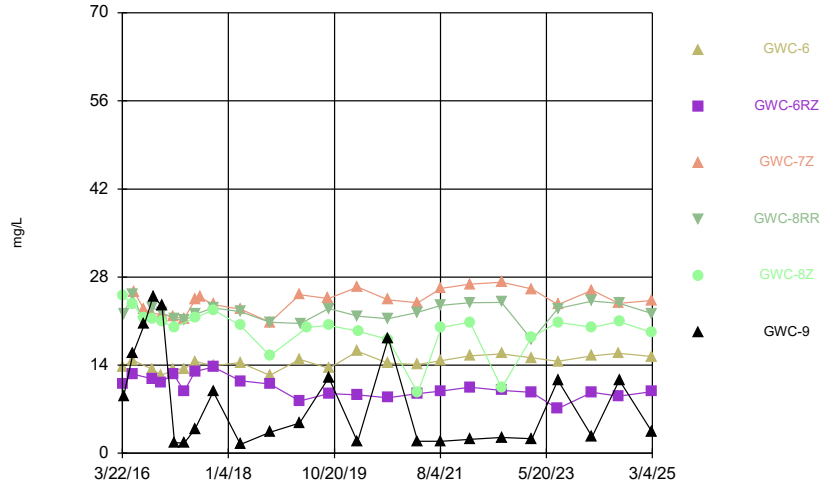
Time Series



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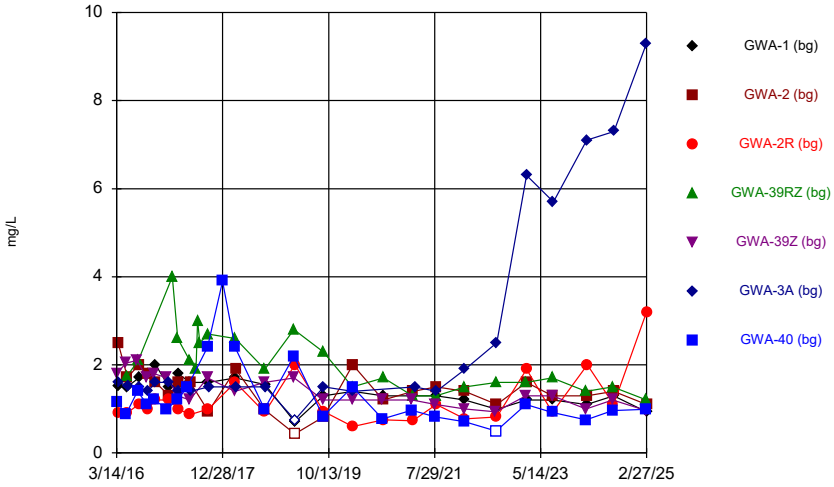
Time Series



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Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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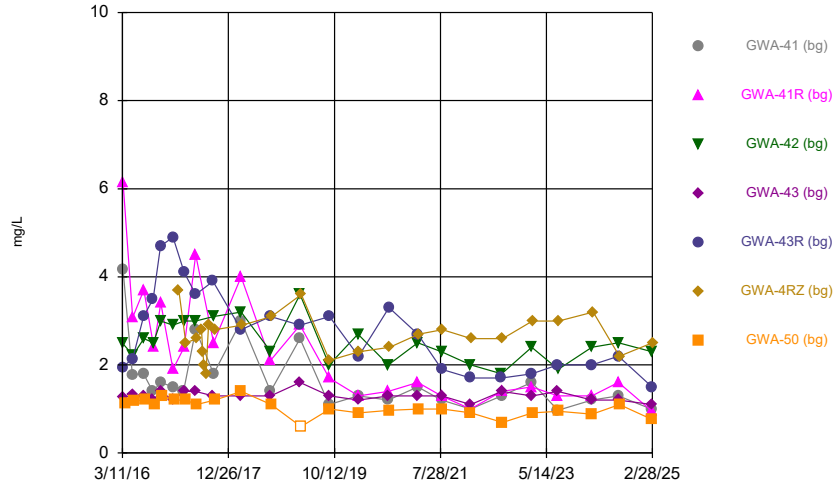
Time Series



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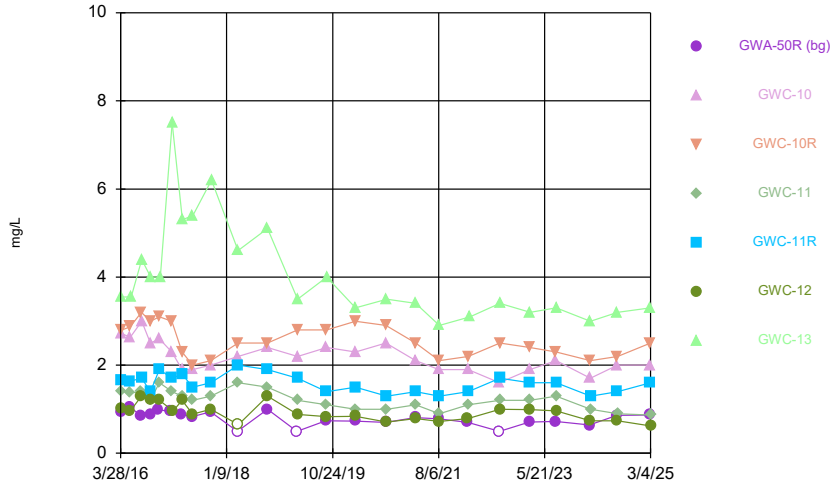
Hollow symbols indicate censored values.

Time Series



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Hollow symbols indicate censored values.

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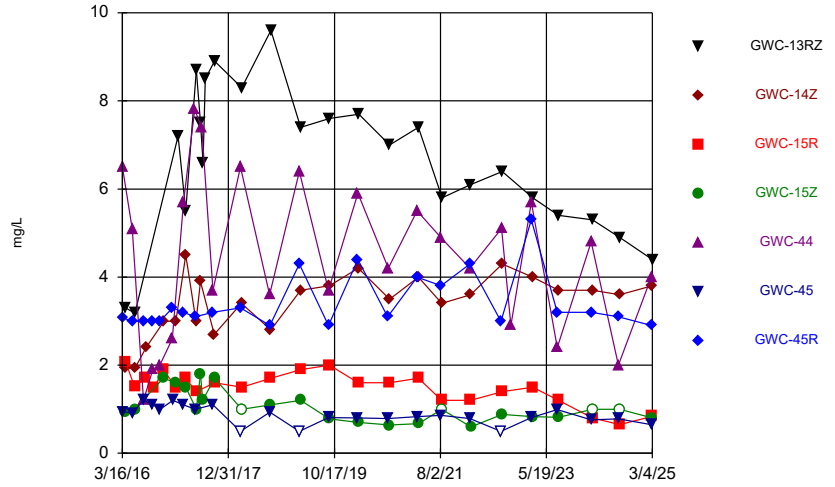

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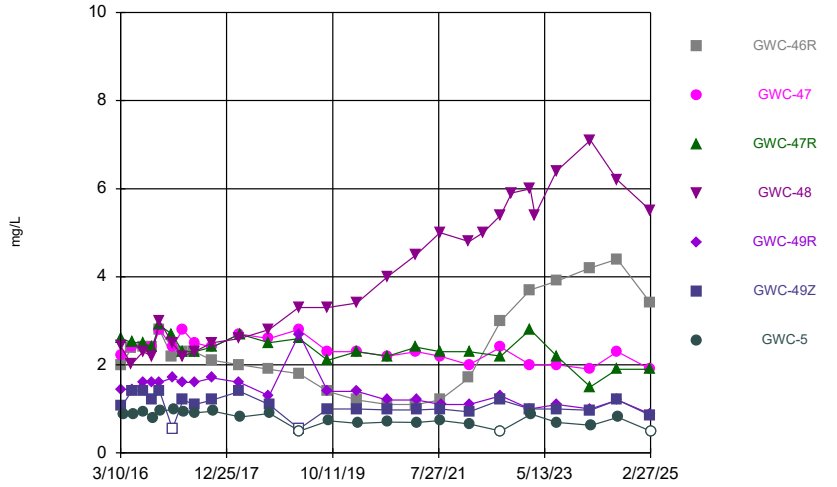

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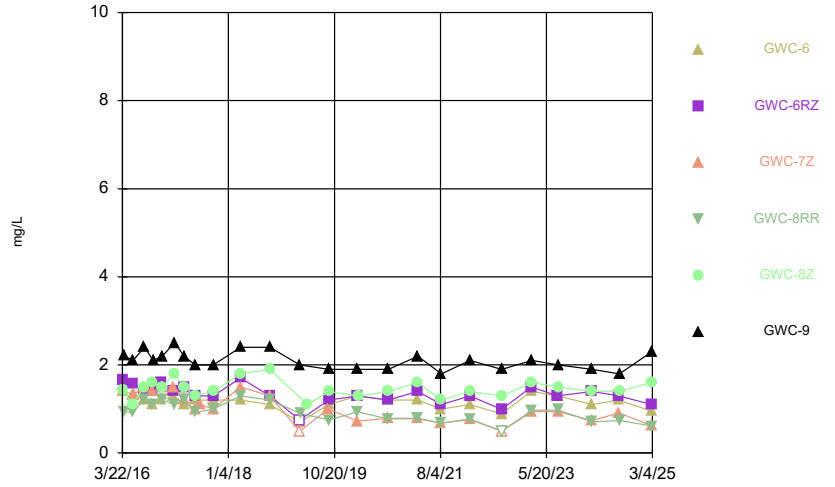

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Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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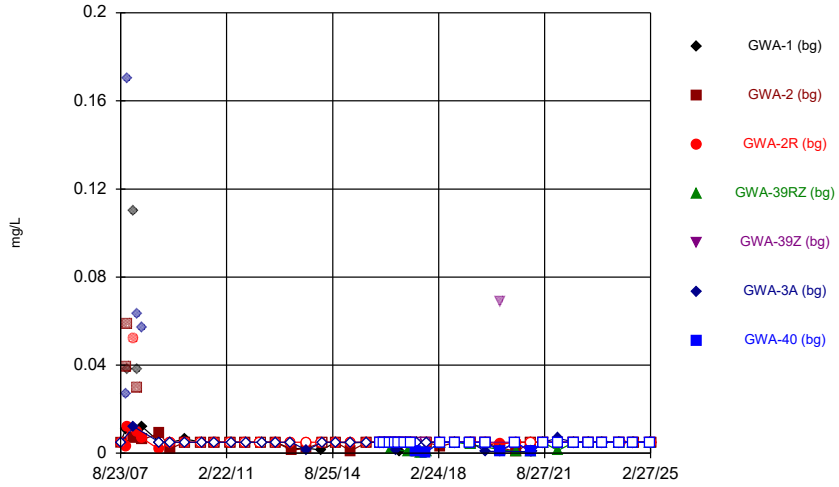

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Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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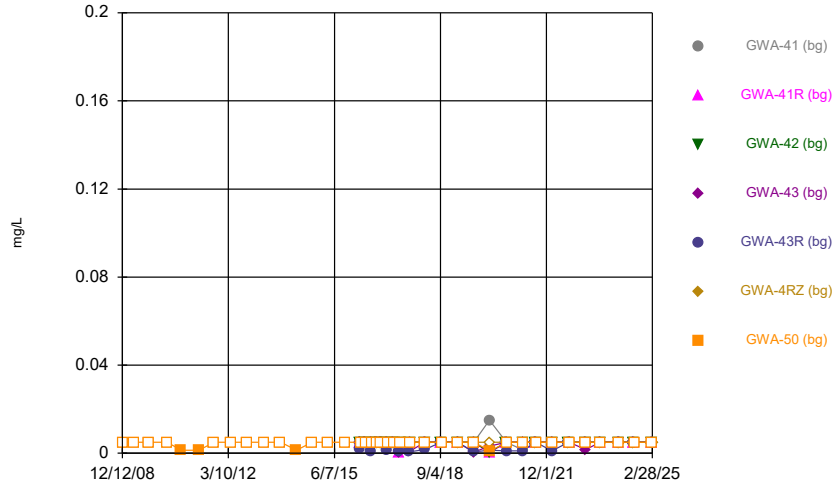
Hollow symbols indicate censored values.

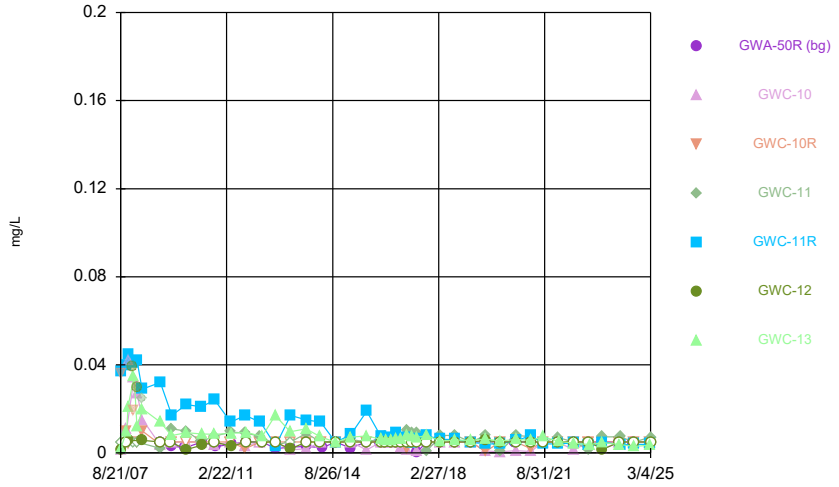
Time Series



Constituent: Chromium Analysis Run 6/23/2025 1:37 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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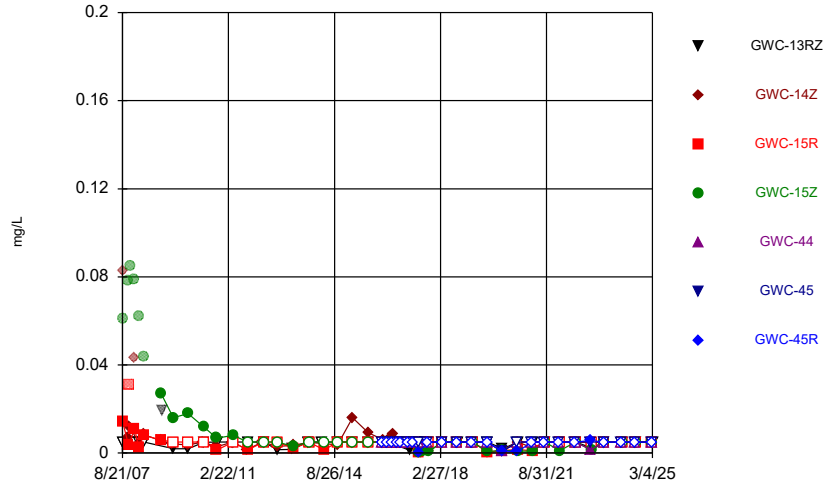
Time Series



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Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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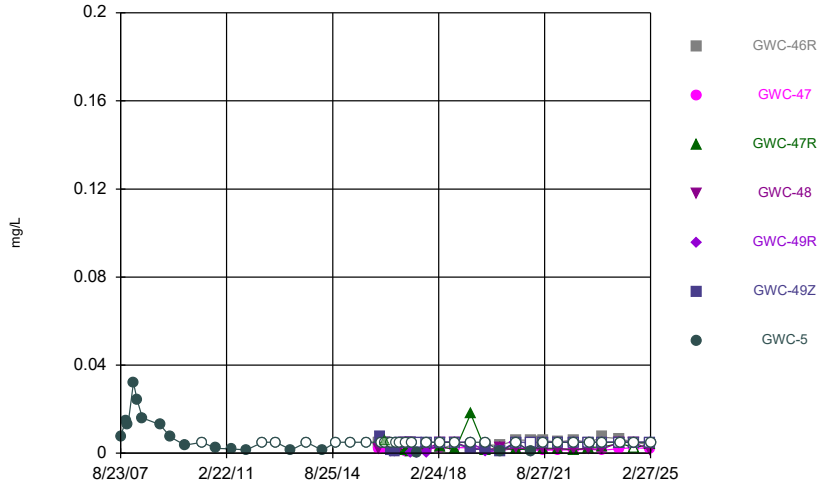
Time Series



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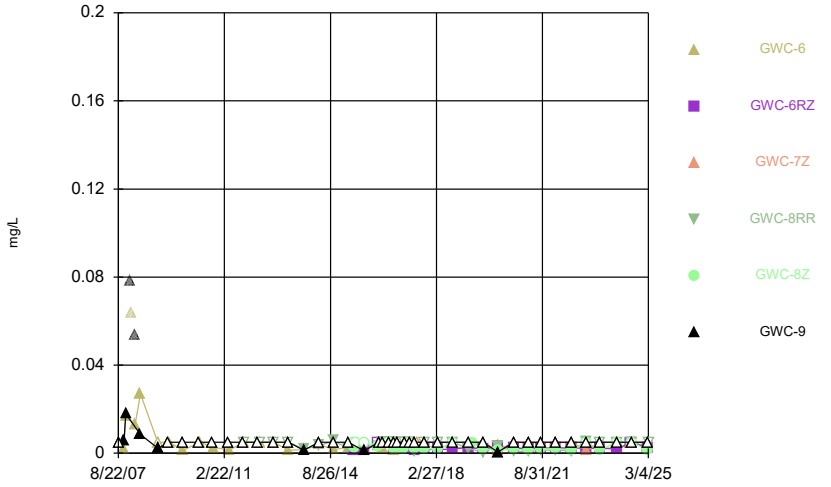
Time Series



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Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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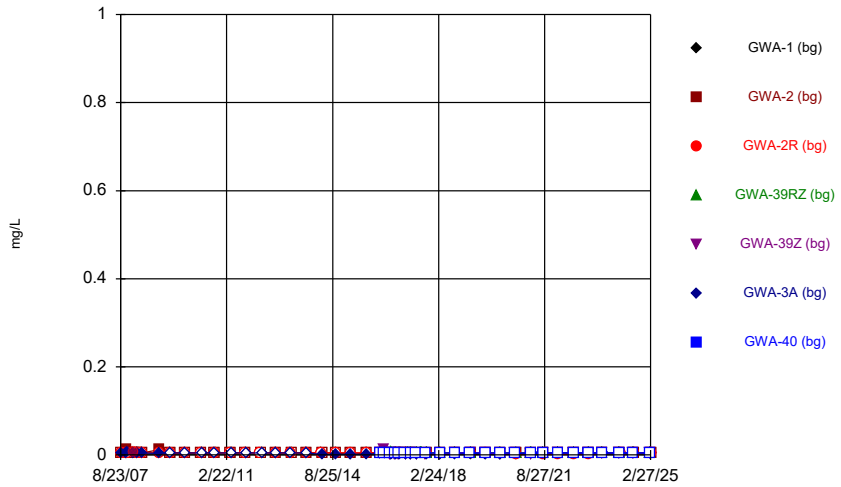
Time Series



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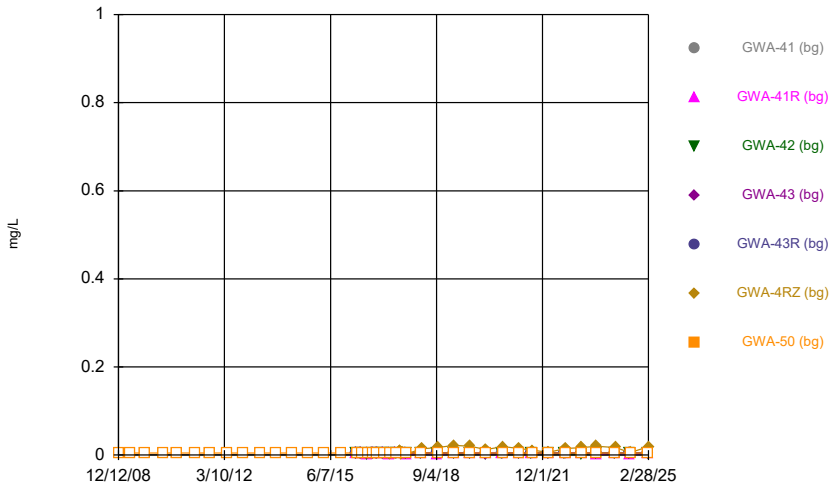
Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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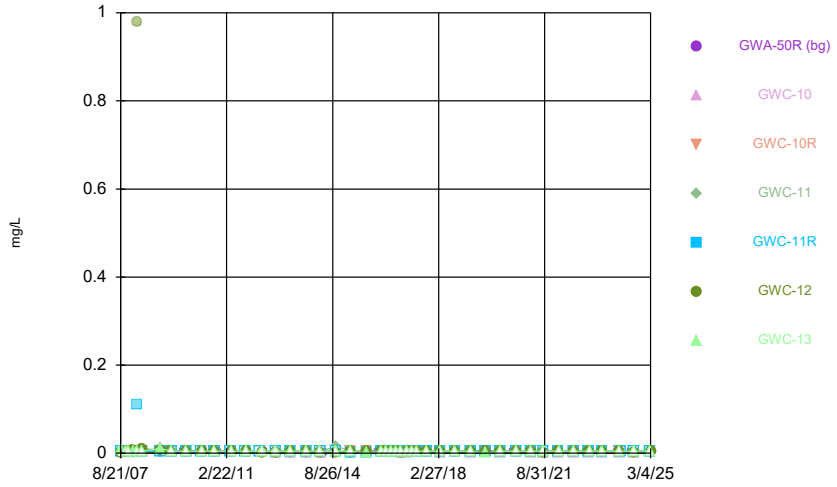
Time Series



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Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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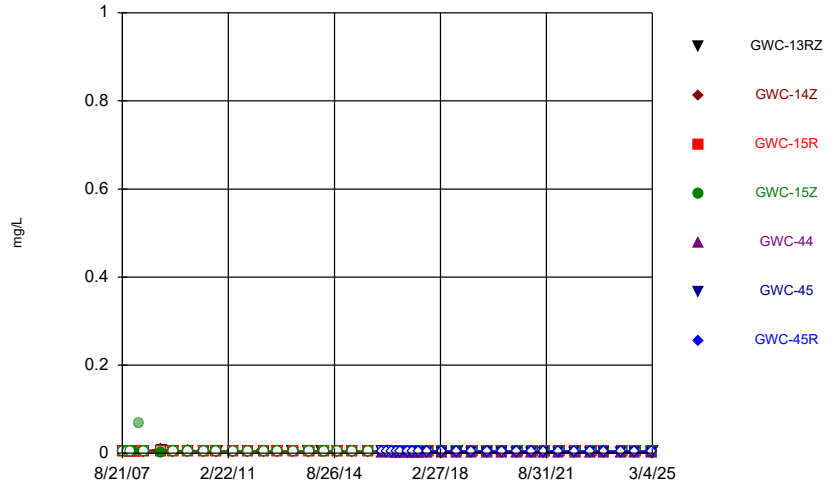
Time Series



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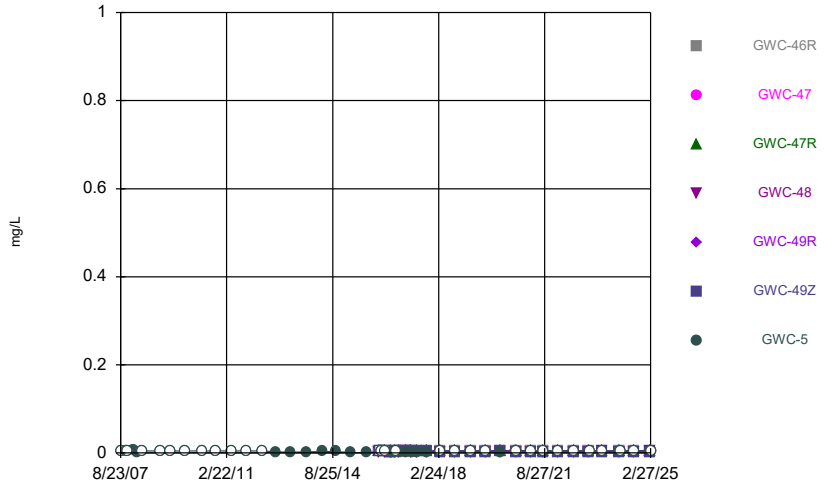

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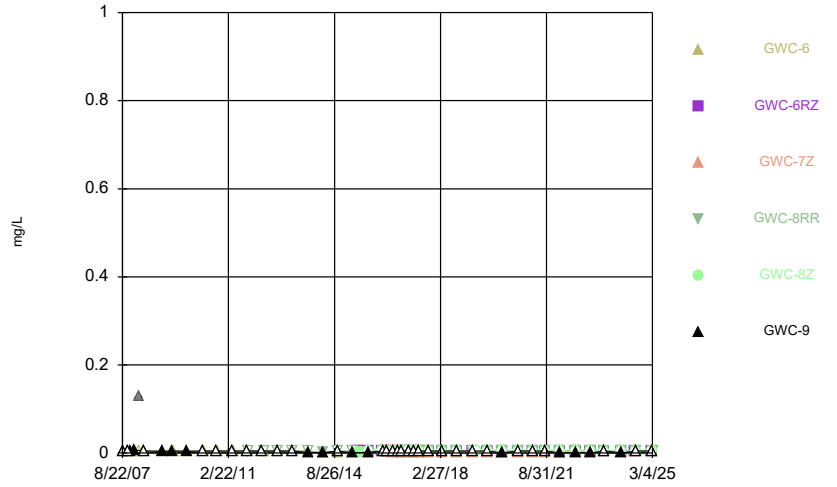
Time Series



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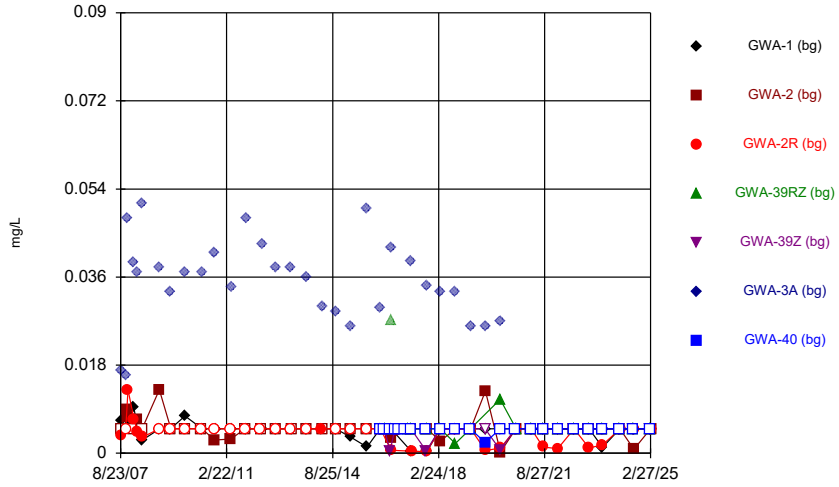

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Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

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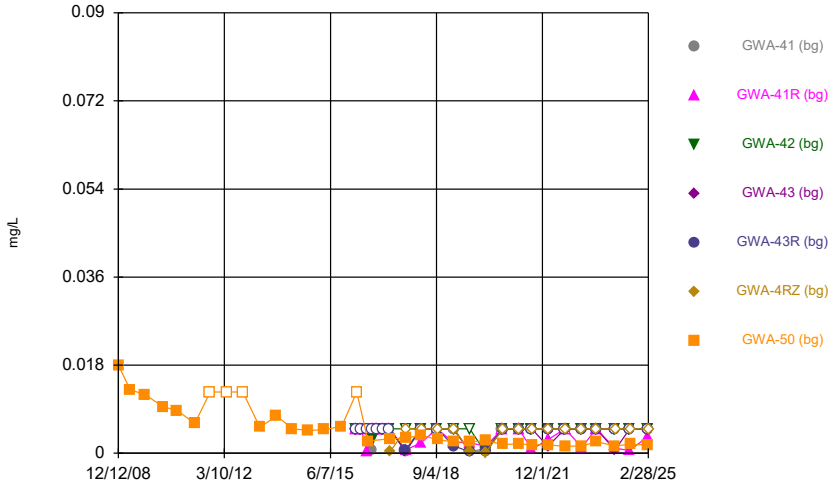

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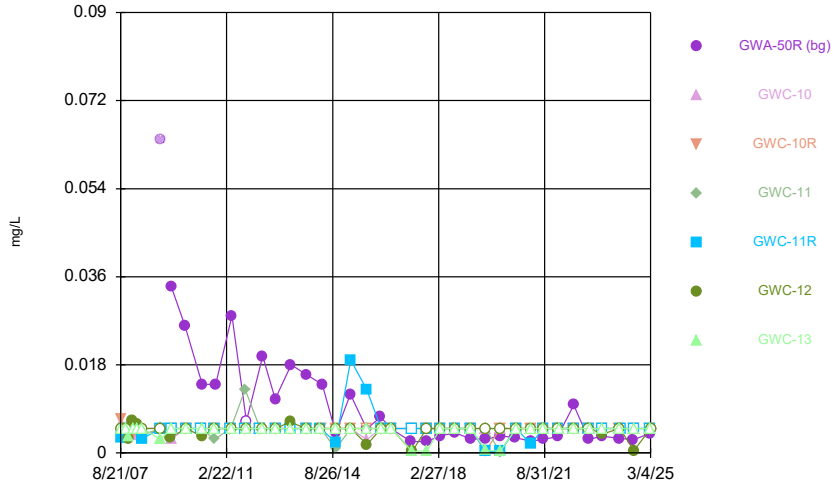

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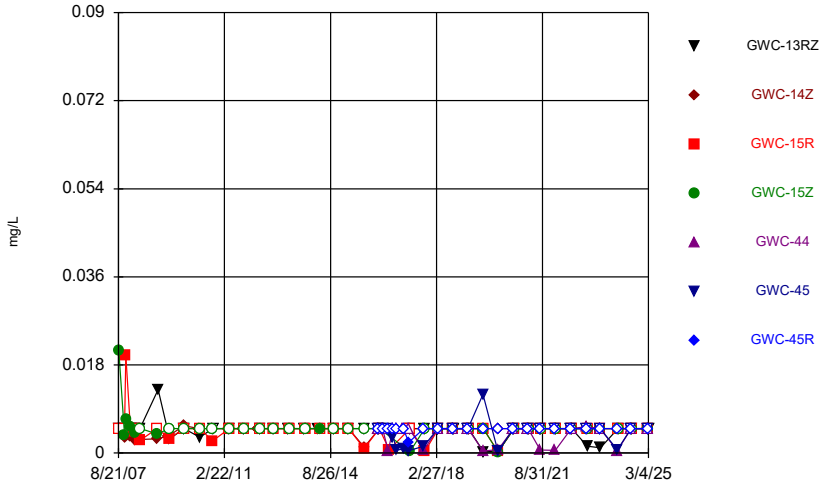
Hollow symbols indicate censored values.

Time Series



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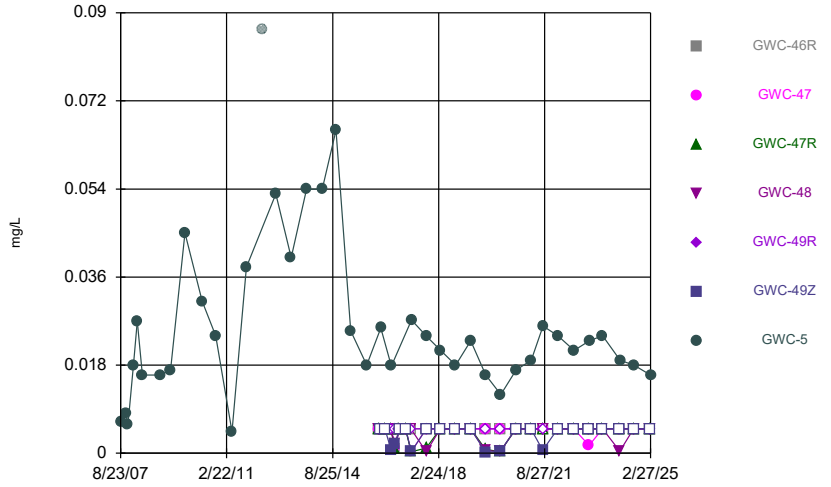
Time Series



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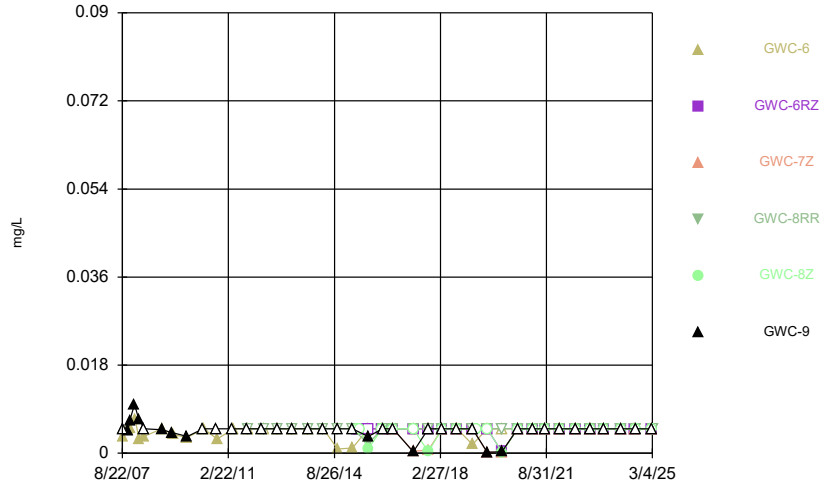

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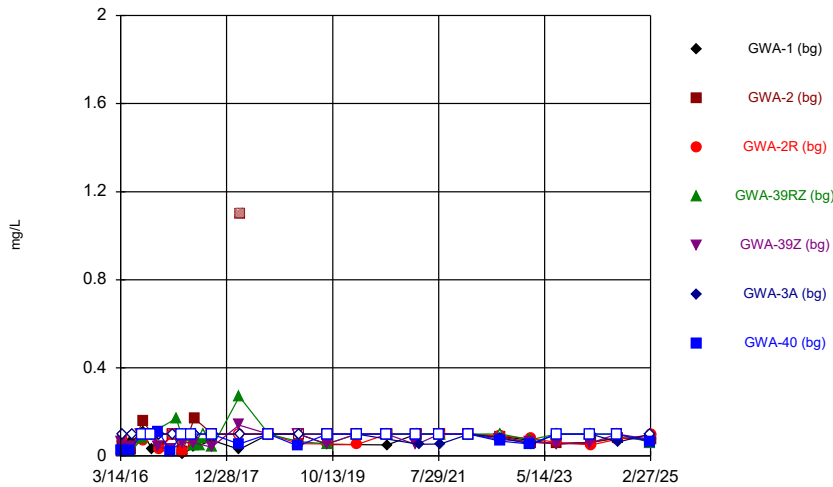

Constituent: Fluoride, total Analysis Run 6/23/2025 1:38 PM View: Descriptive
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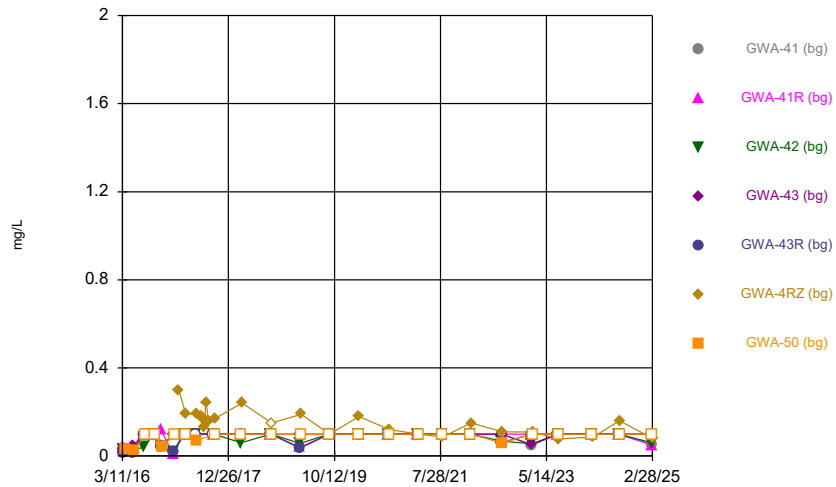

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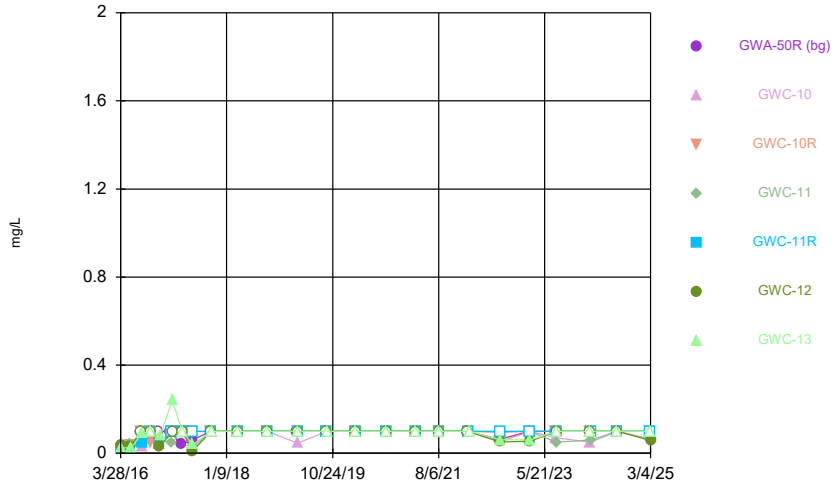

Constituent: Fluoride, total Analysis Run 6/23/2025 1:38 PM View: Descriptive
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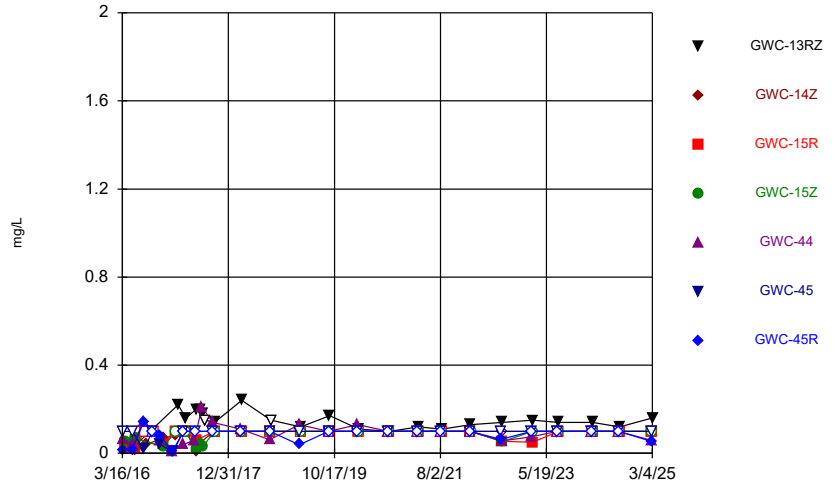

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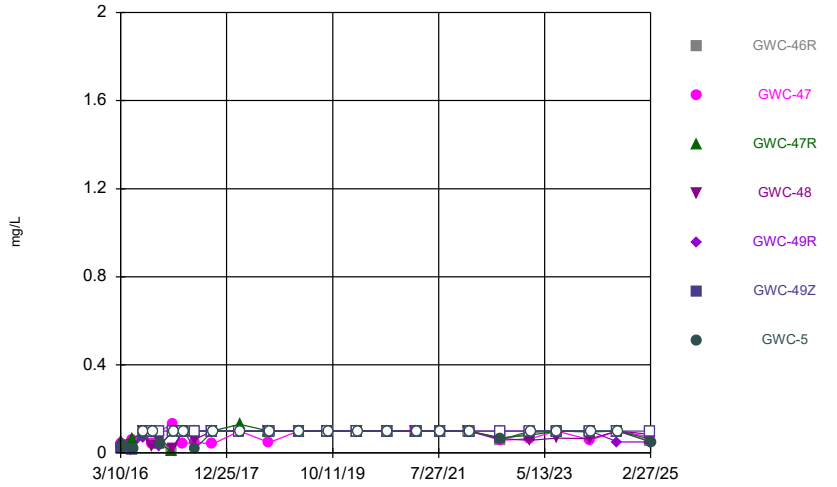
Time Series



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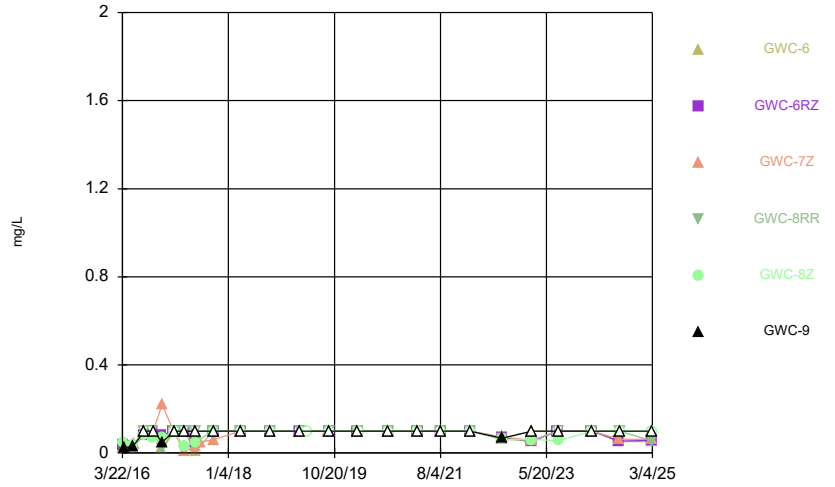
Time Series



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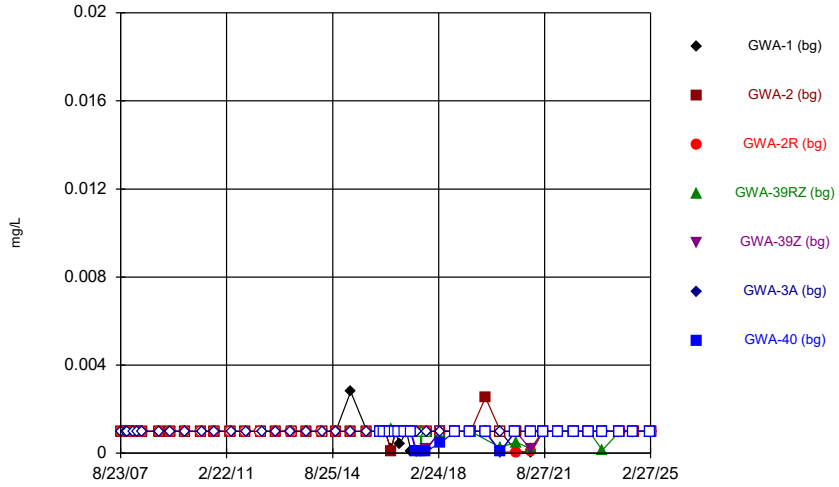

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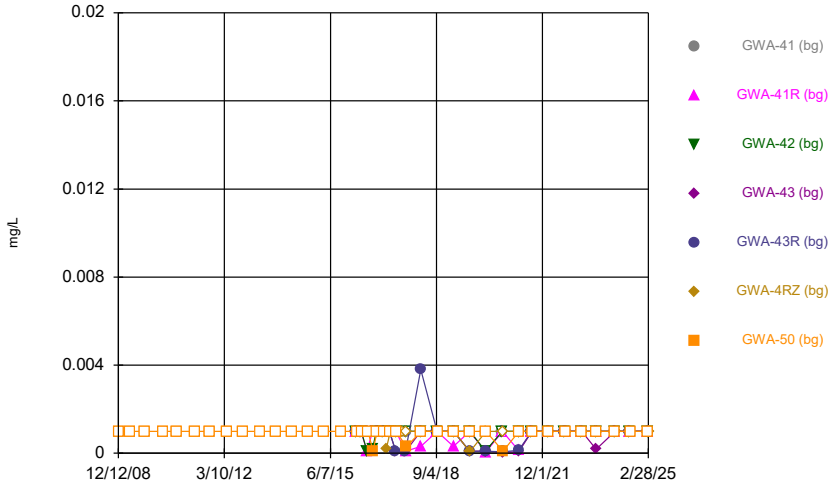

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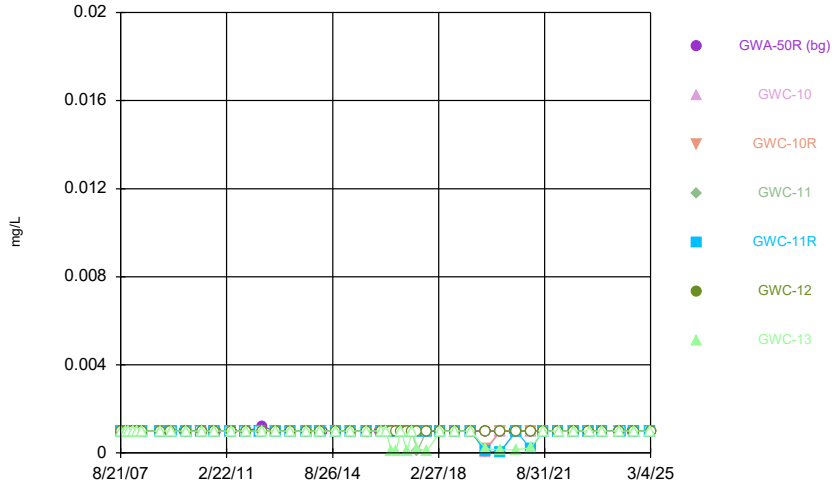

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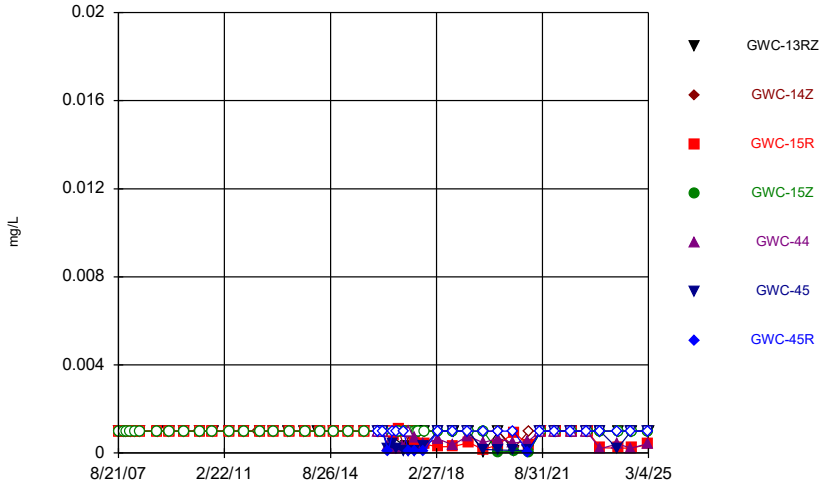
Time Series



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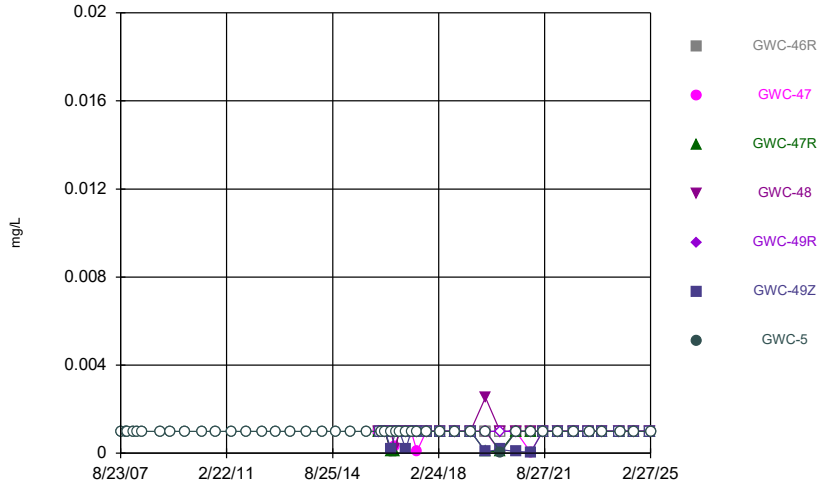

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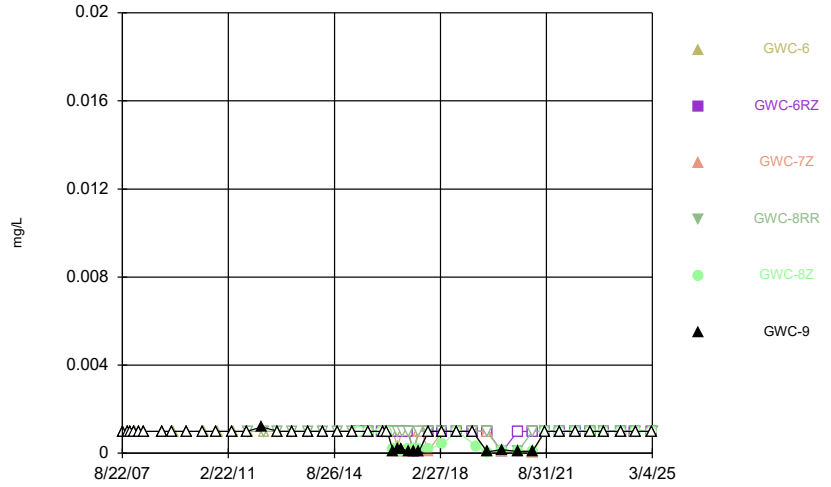

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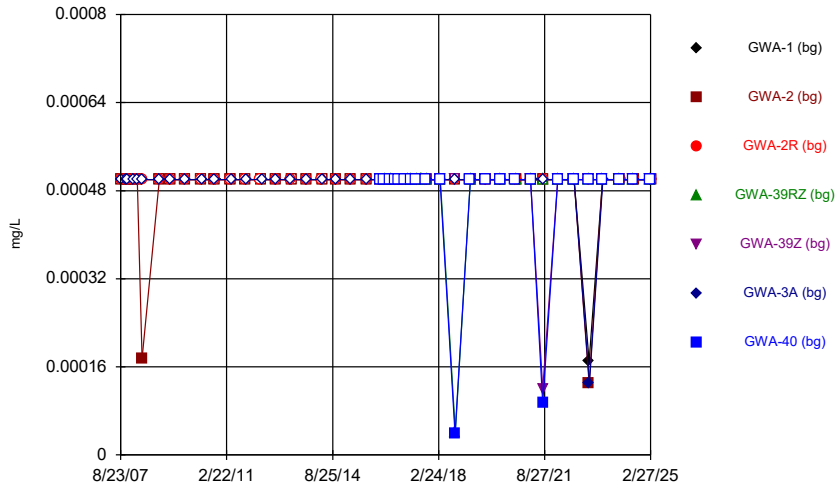

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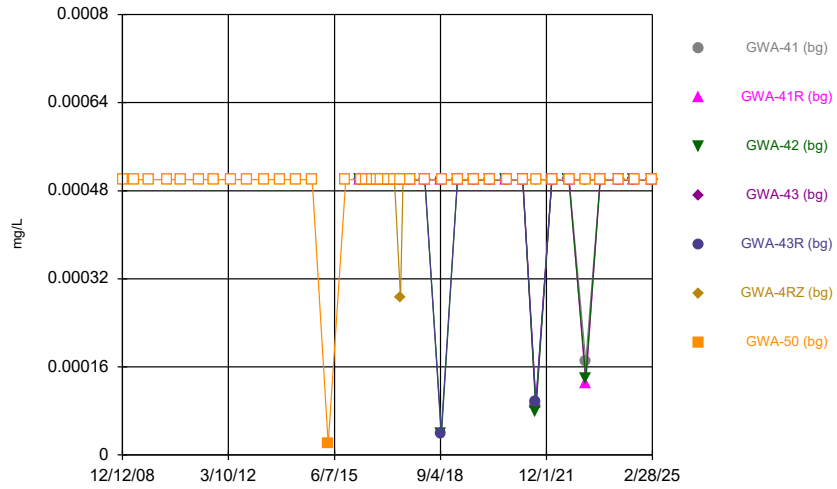
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Mercury Analysis Run 6/23/2025 1:38 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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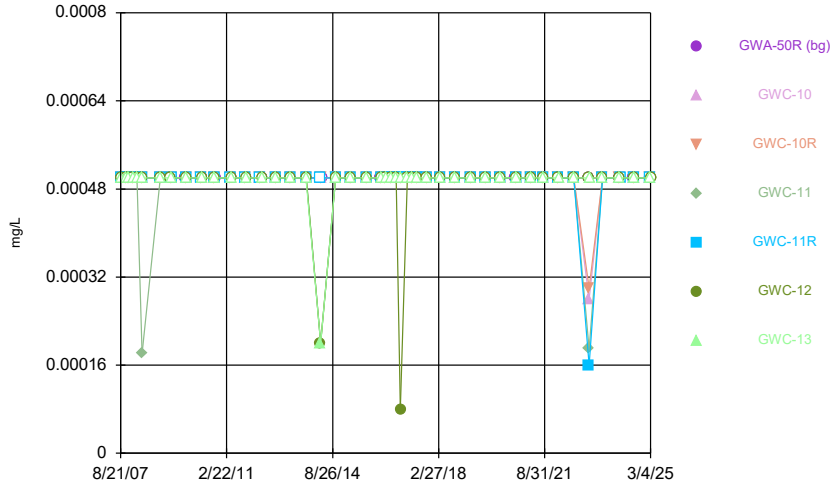
Time Series



Constituent: Mercury Analysis Run 6/23/2025 1:38 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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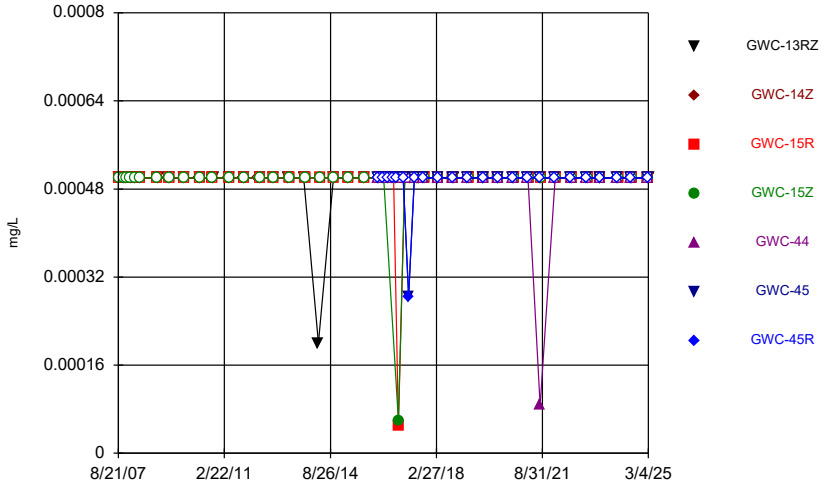
Time Series



Constituent: Mercury Analysis Run 6/23/2025 1:38 PM View: Descriptive
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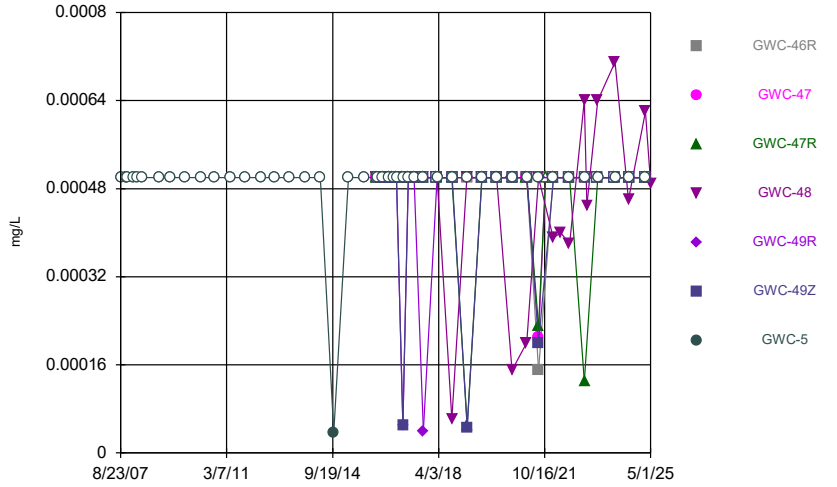

Constituent: Mercury Analysis Run 6/23/2025 1:38 PM View: Descriptive
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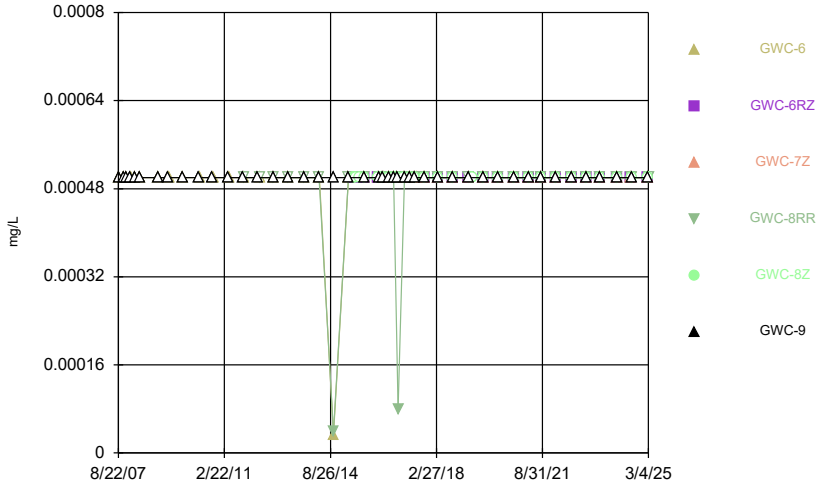

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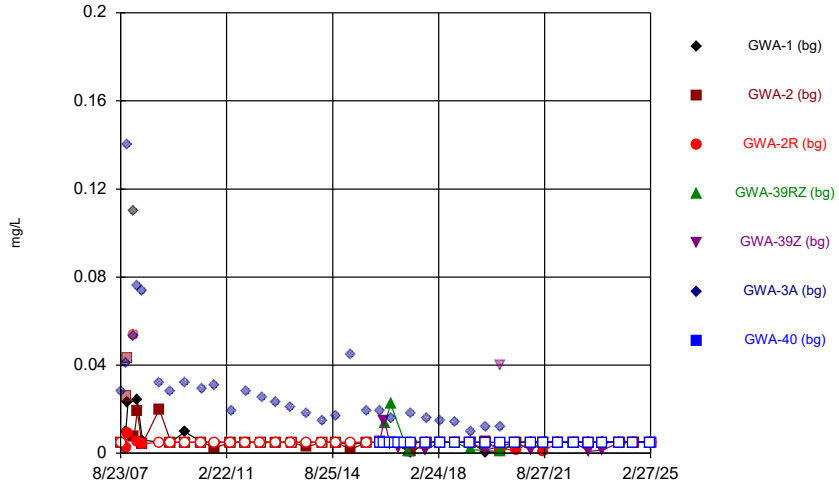

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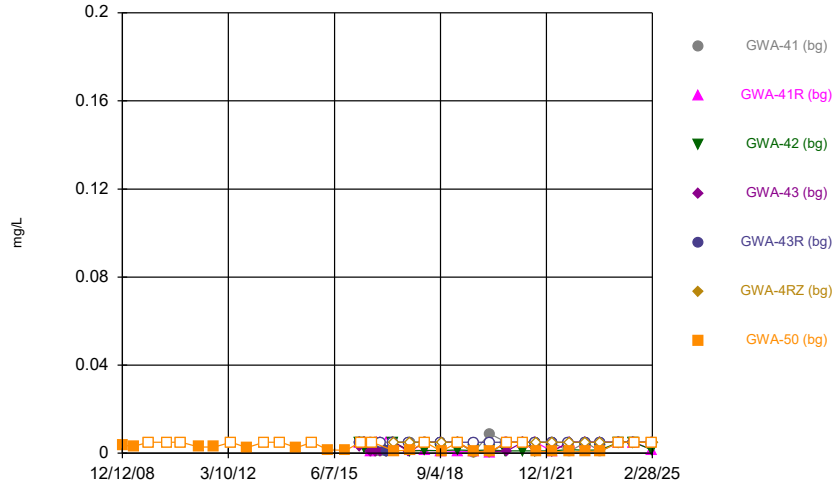
Time Series



Constituent: Nickel Analysis Run 6/23/2025 1:38 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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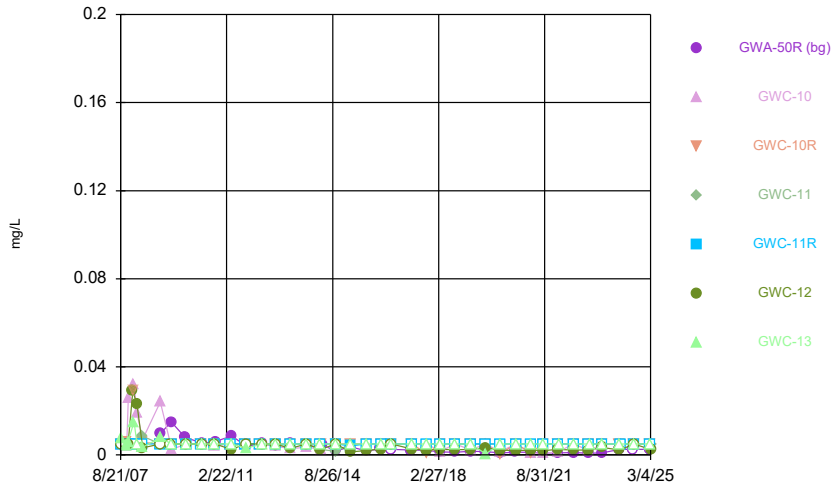
Hollow symbols indicate censored values.

Time Series



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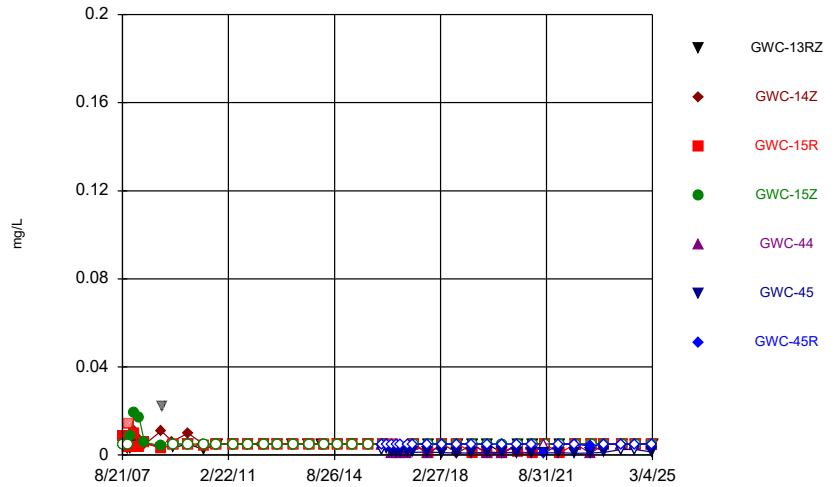
Time Series



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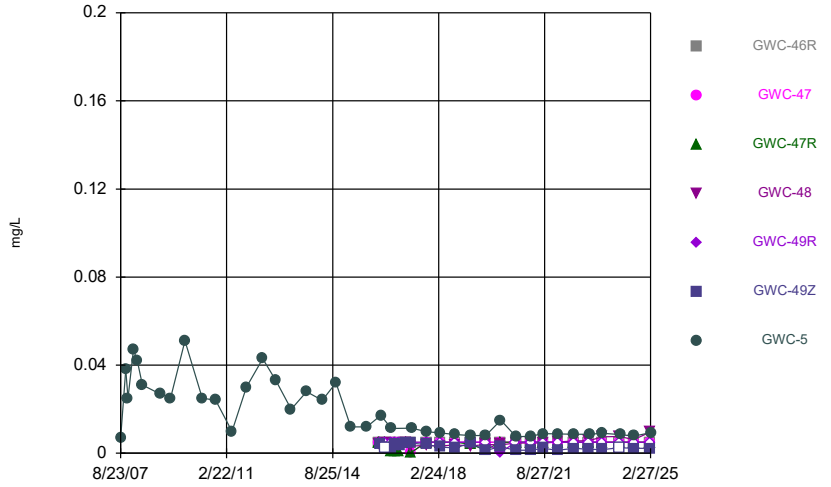
Time Series



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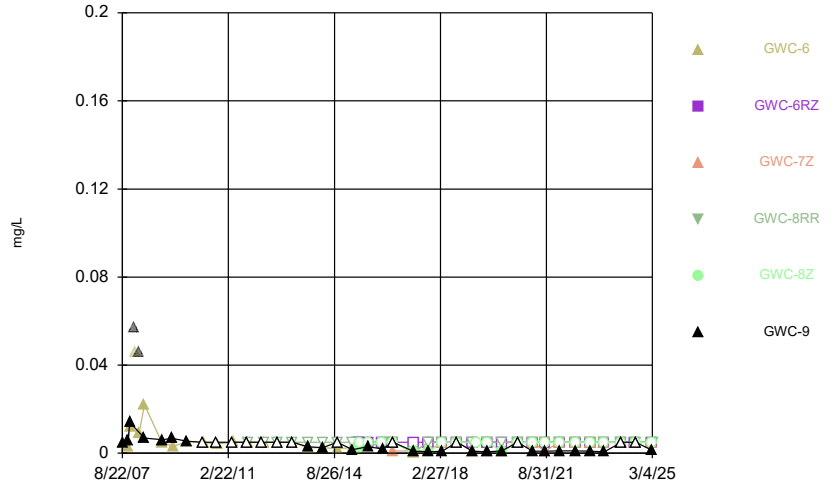
Time Series



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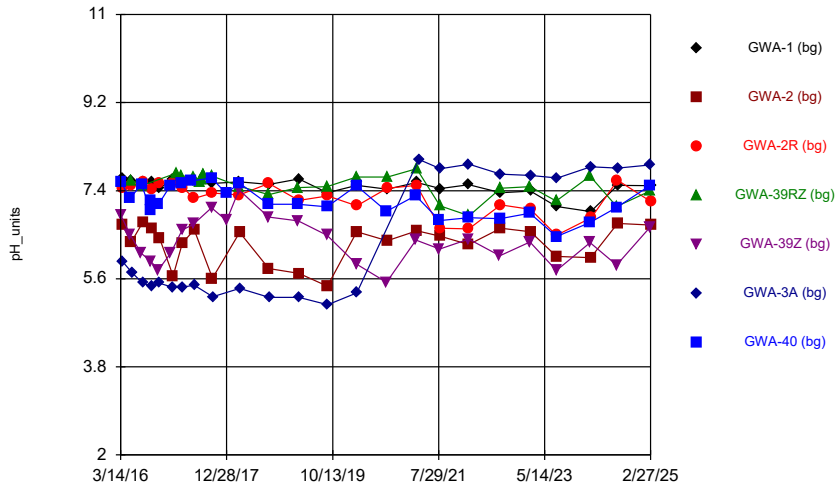
Time Series



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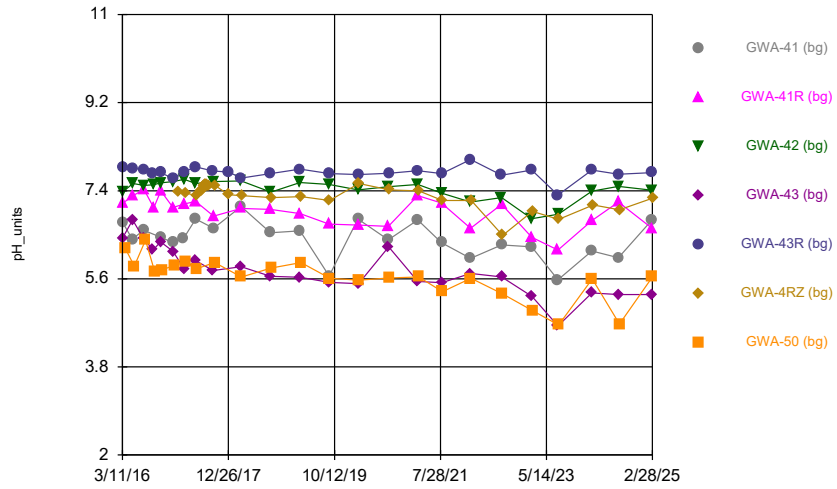
Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Time Series



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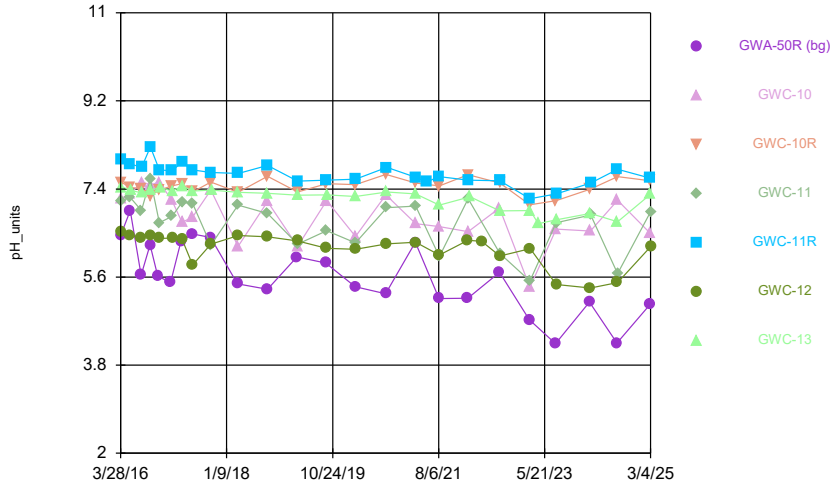
Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Time Series



Constituent: pH Analysis Run 6/23/2025 1:38 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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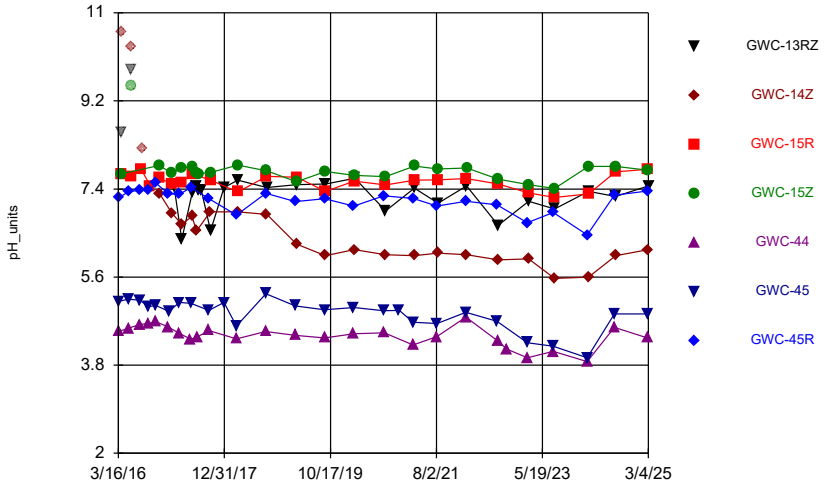
Time Series



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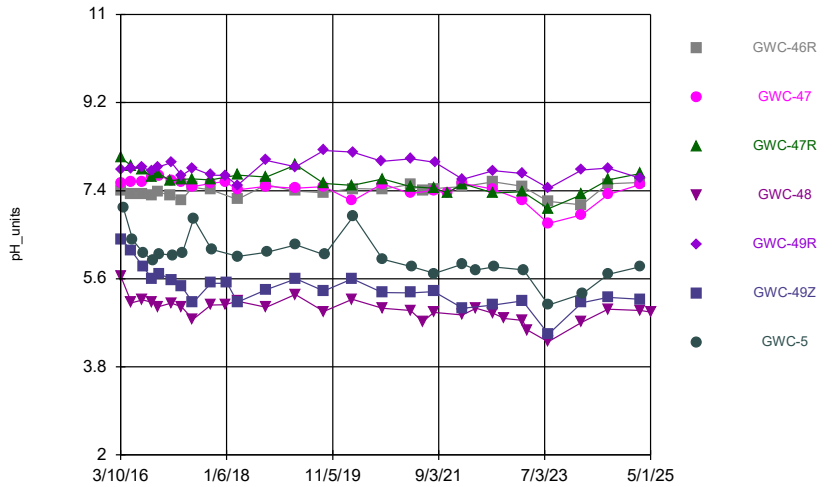
Time Series



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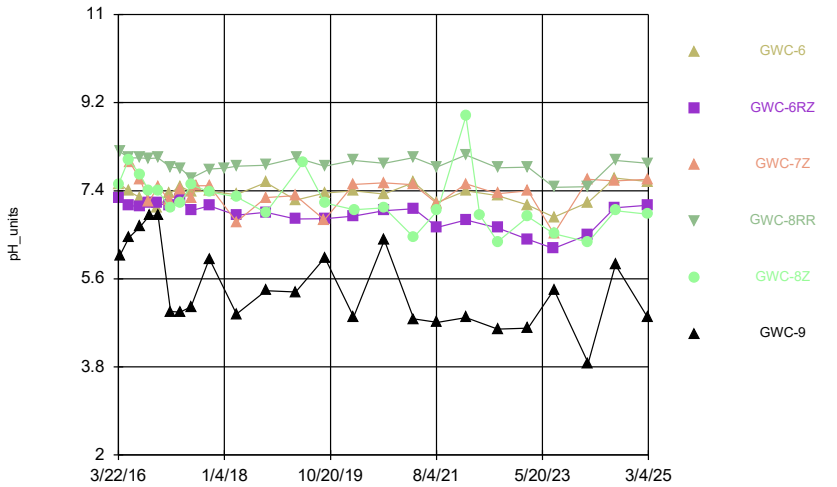
Time Series



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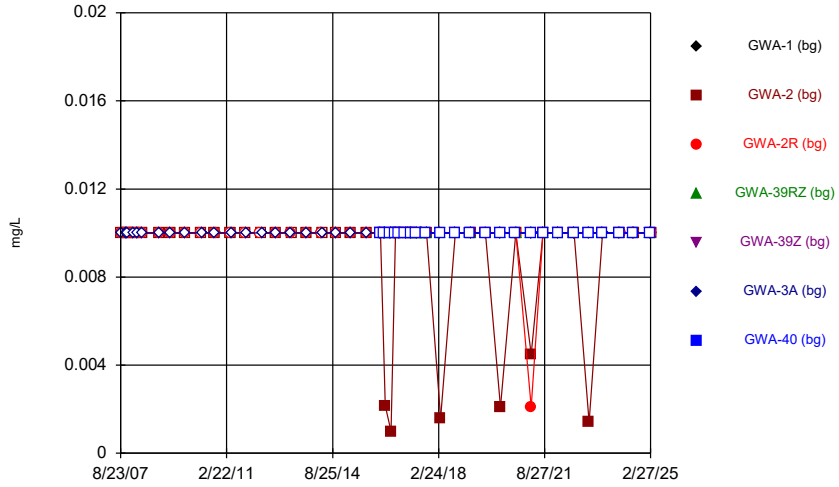
Time Series



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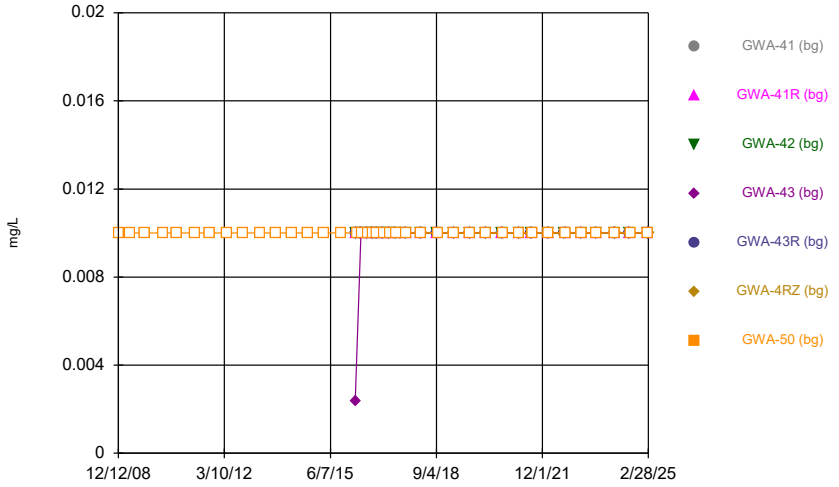

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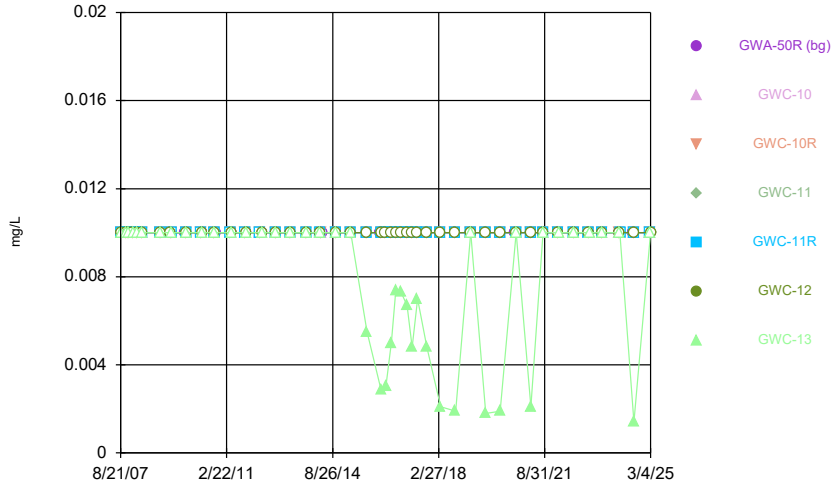
Time Series



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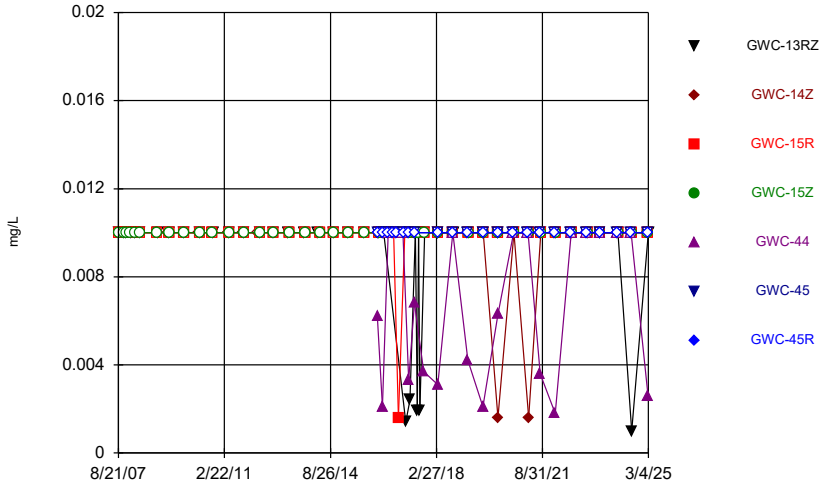

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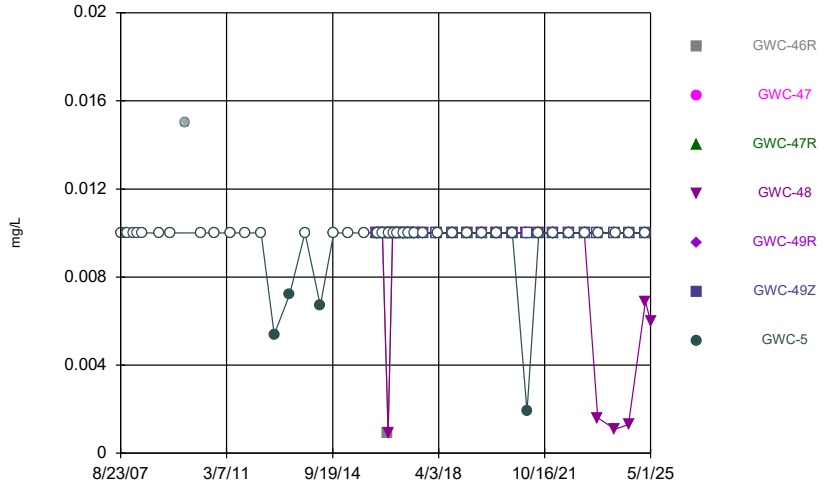

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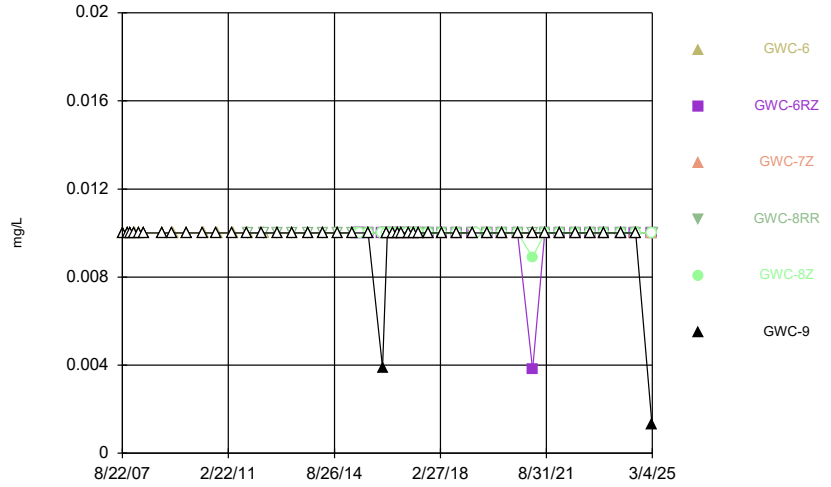

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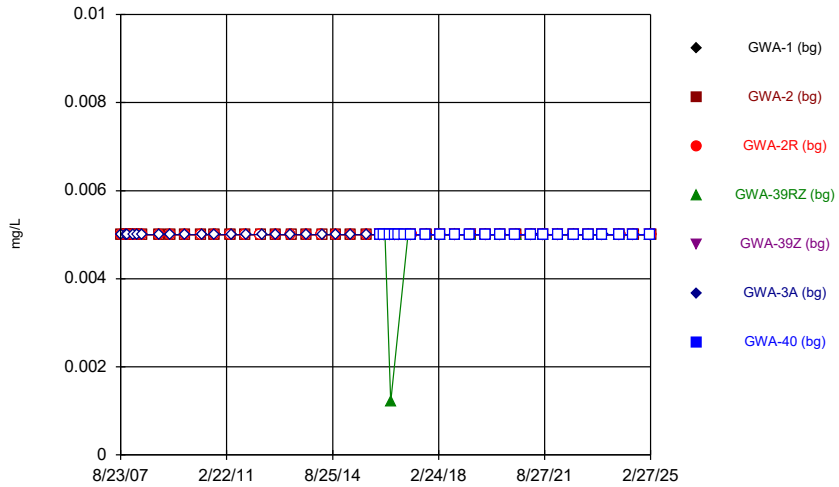
Time Series



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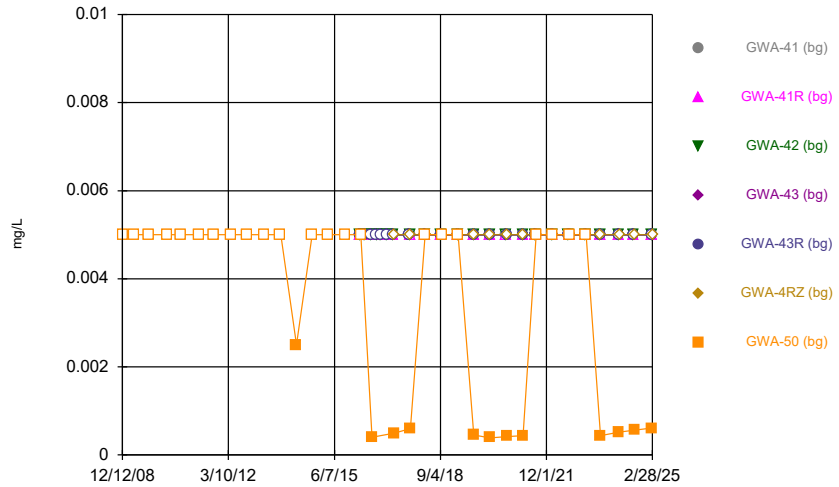

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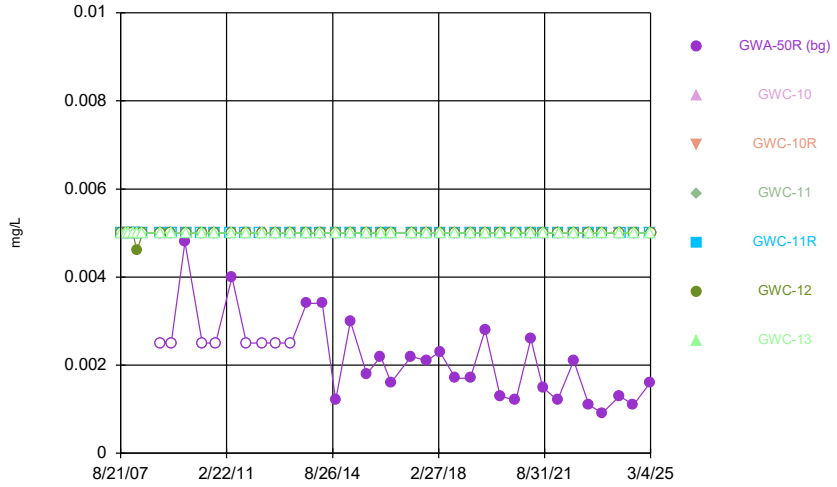

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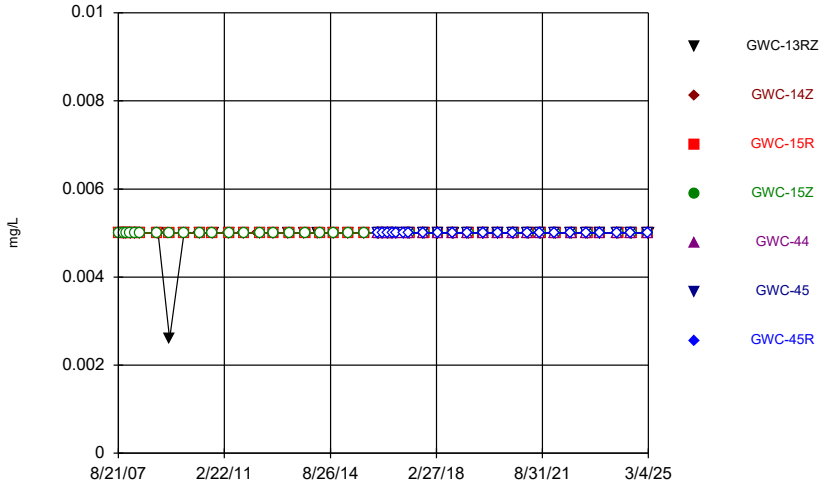

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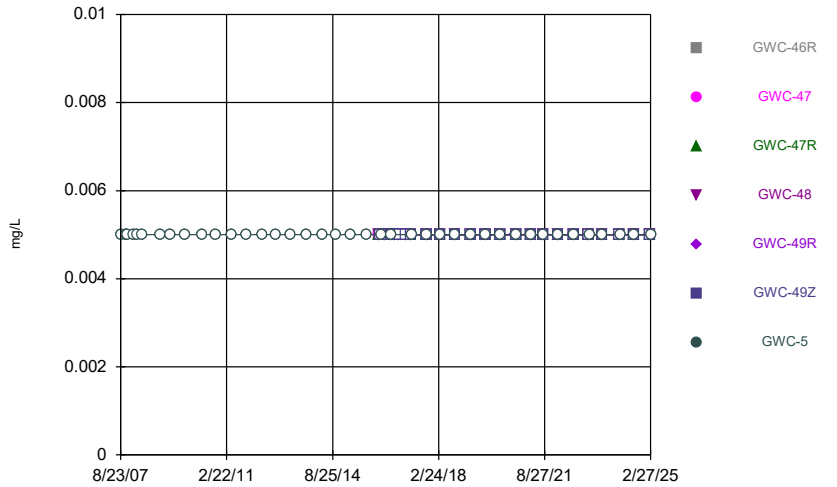

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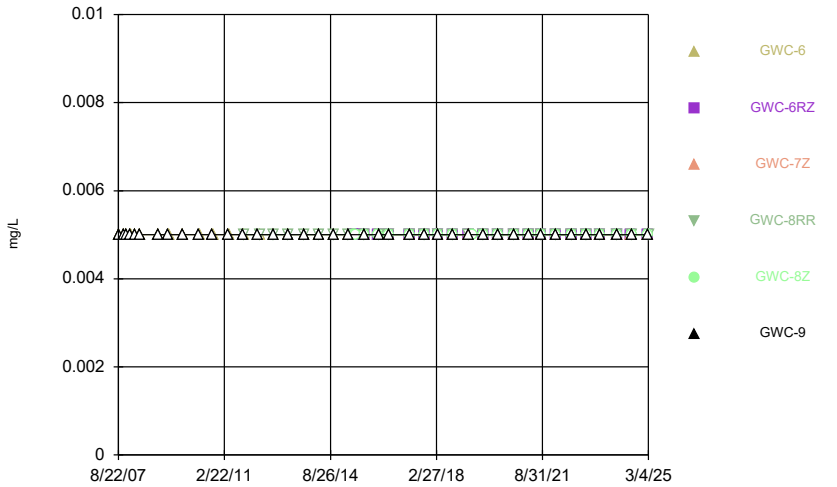

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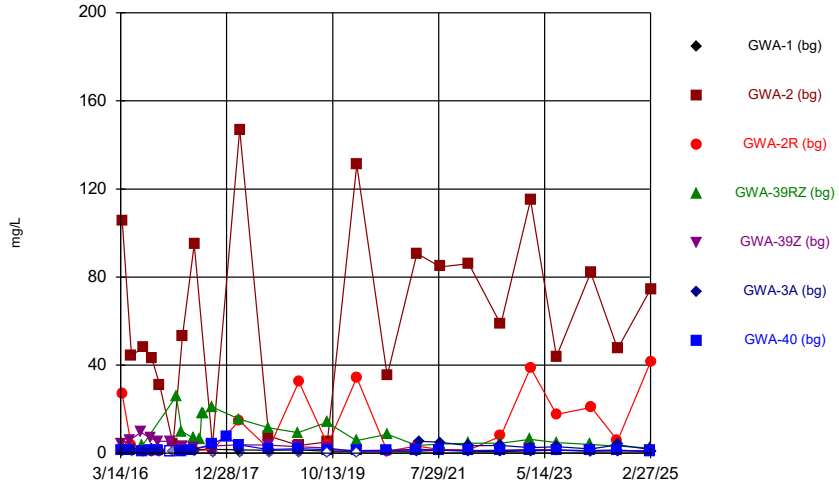

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Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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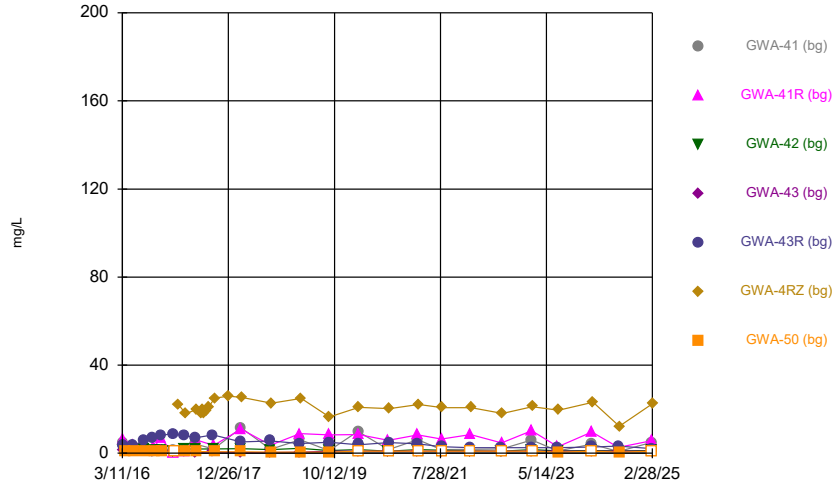

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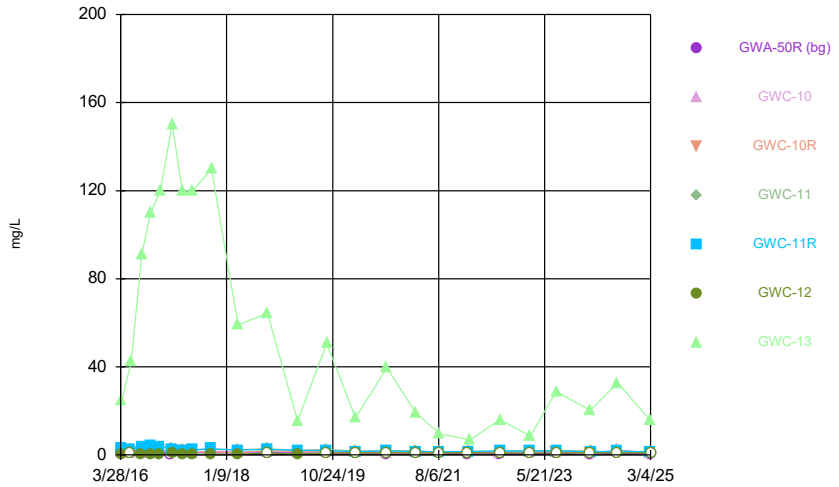

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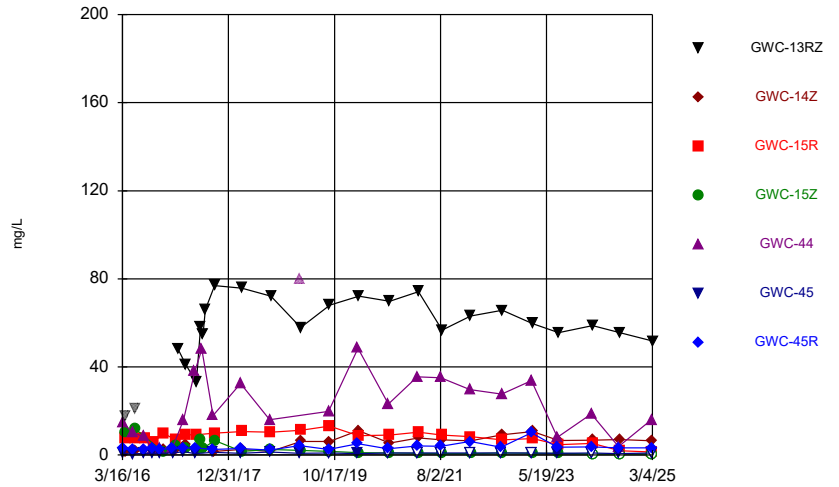

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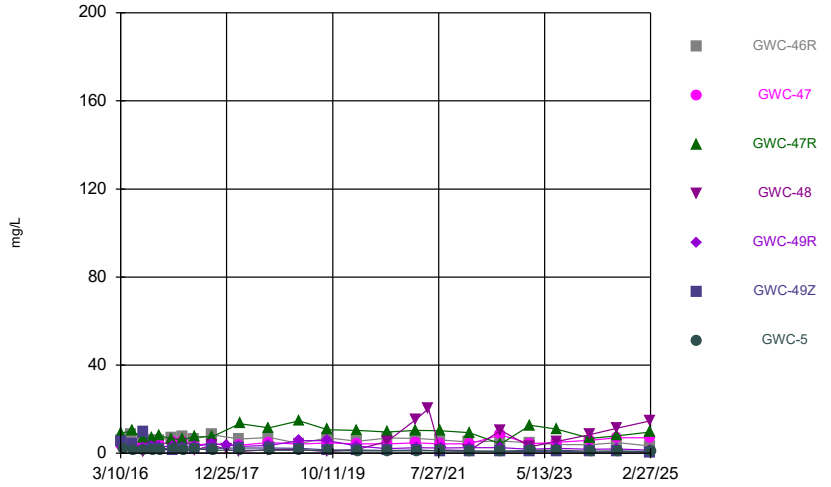

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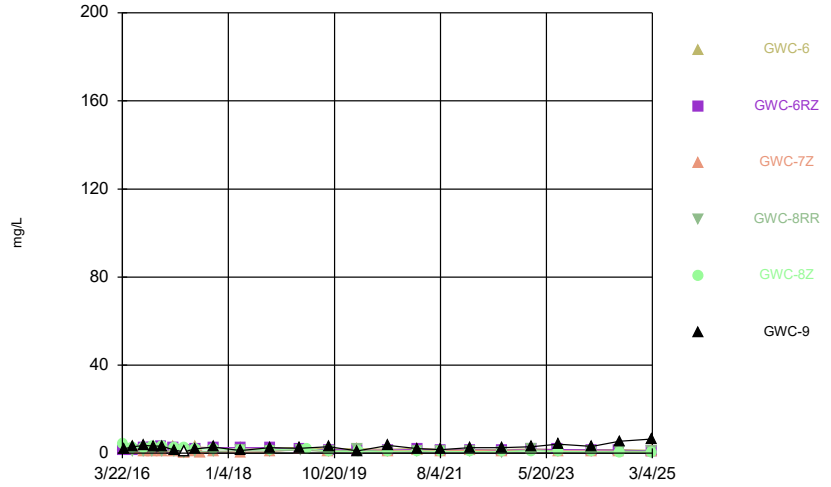

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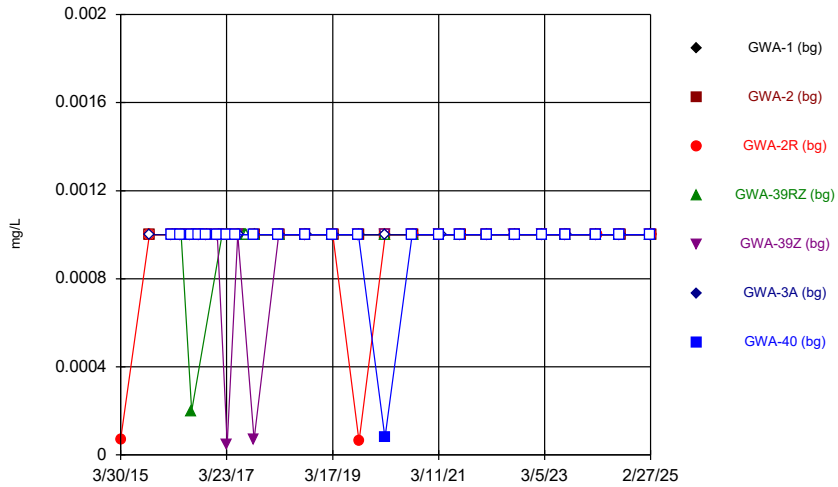

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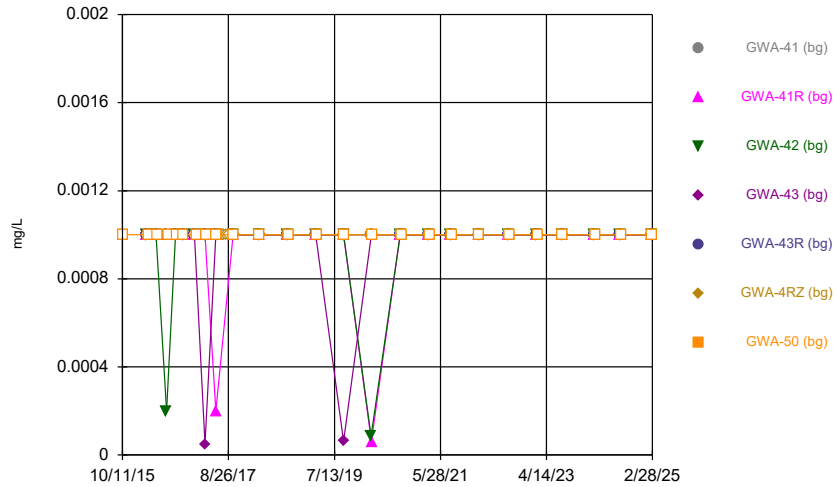

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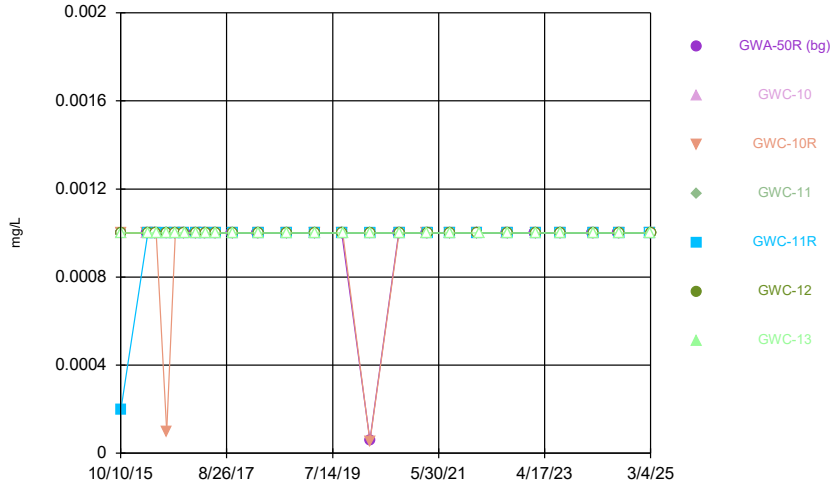

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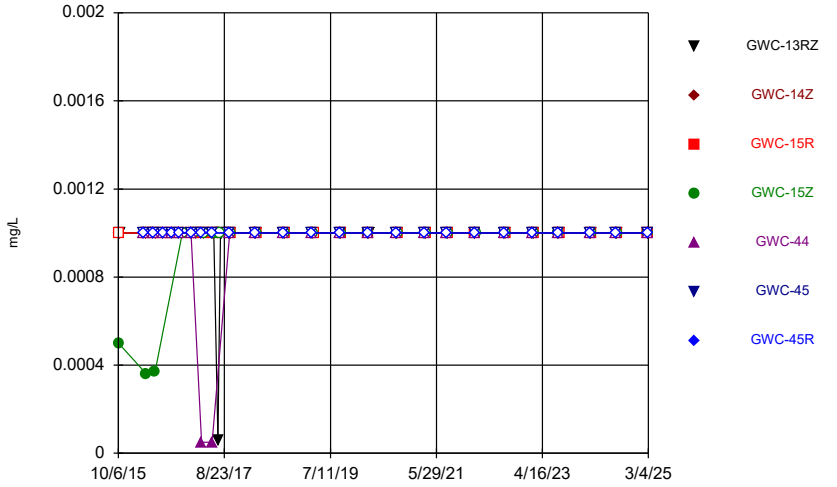

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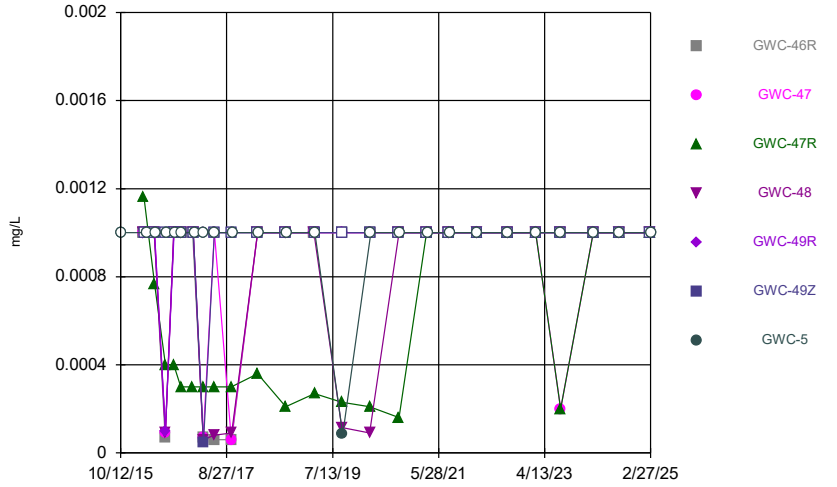

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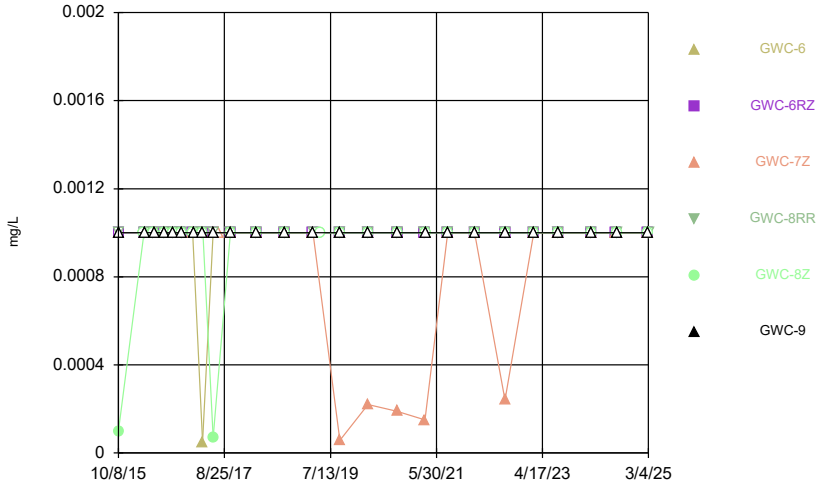

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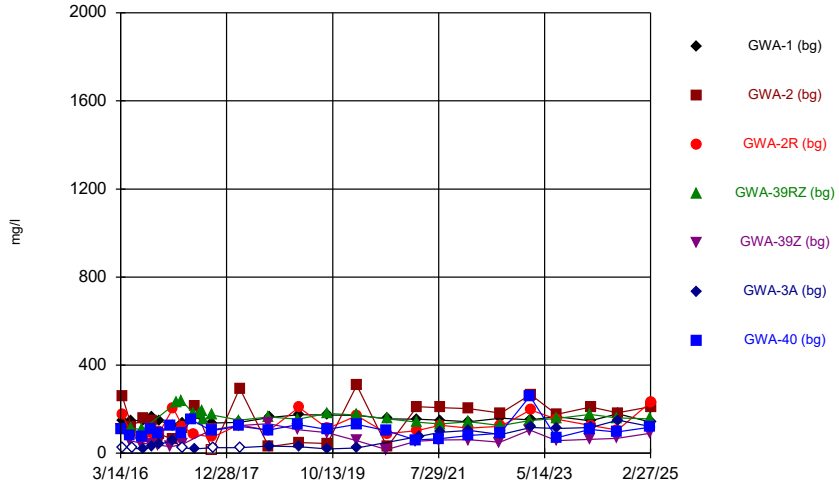

Constituent: Total Dissolved Solids [TDS] Analysis Run 6/23/2025 1:39 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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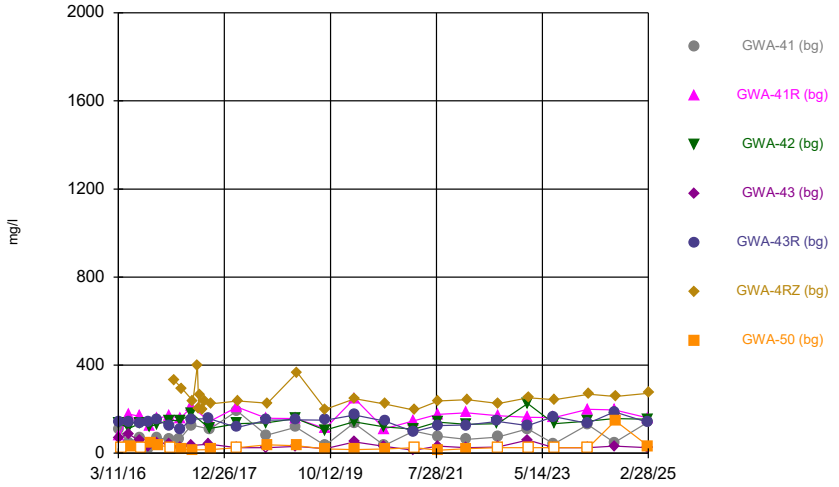
Time Series



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/23/2025 1:39 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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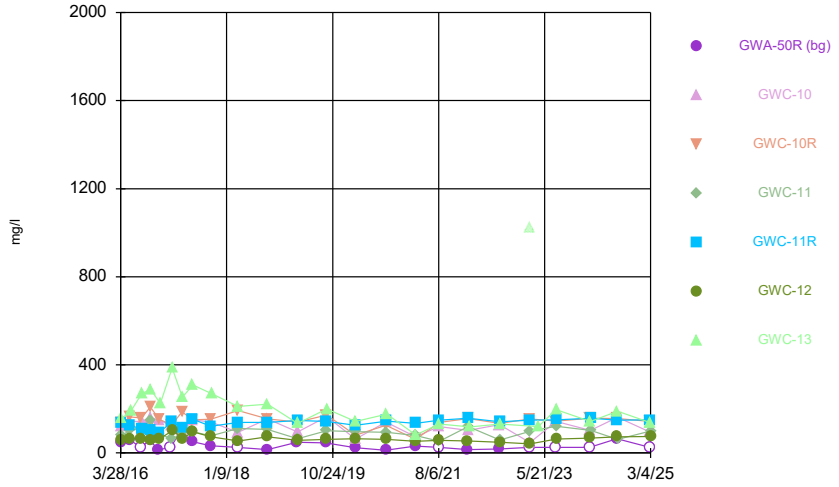
Hollow symbols indicate censored values.

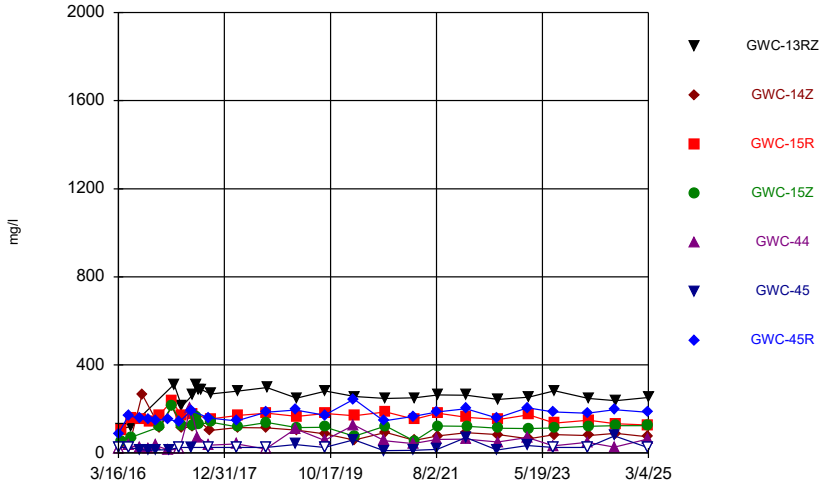
Time Series



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/23/2025 1:39 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

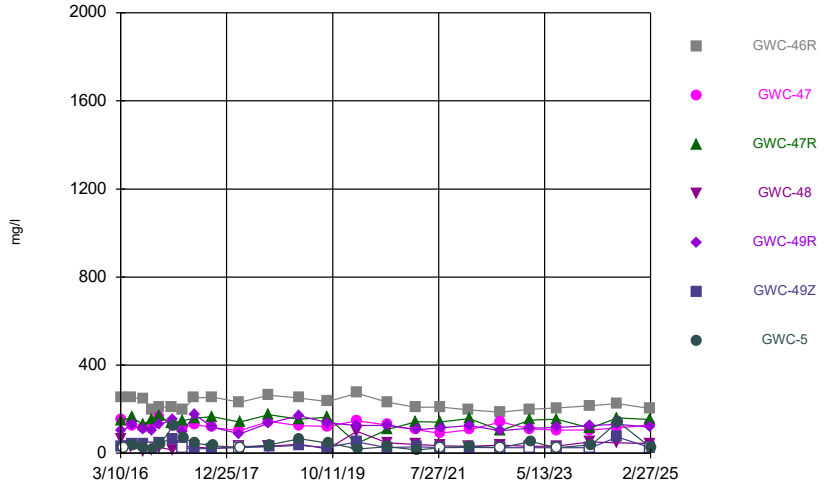
Time Series



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/23/2025 1:39 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

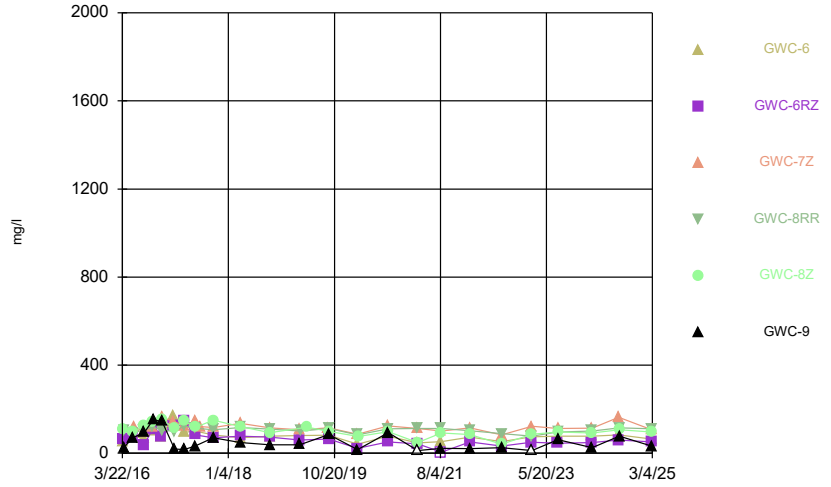
Time Series



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/23/2025 1:39 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

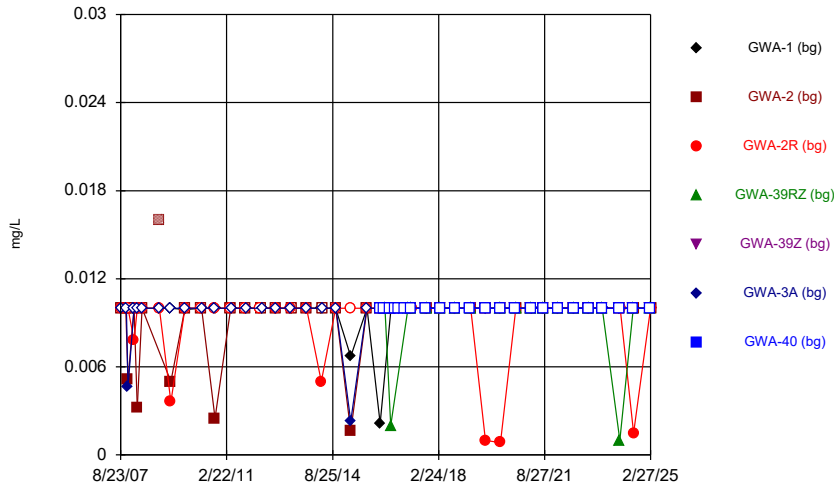
Time Series



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/23/2025 1:39 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

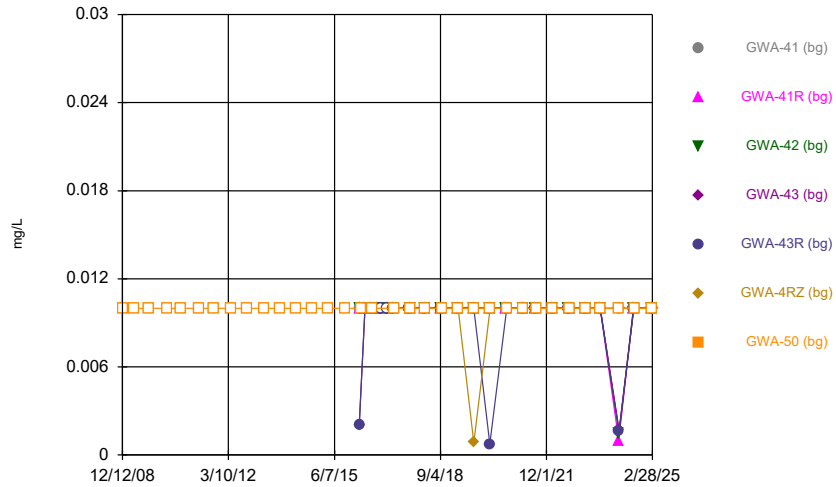
Time Series



Constituent: Vanadium Analysis Run 6/23/2025 1:39 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

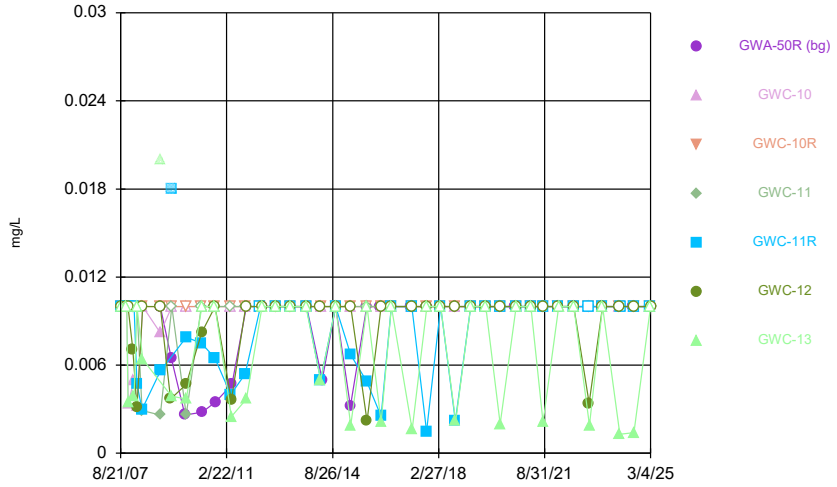
Time Series



Constituent: Vanadium Analysis Run 6/23/2025 1:39 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

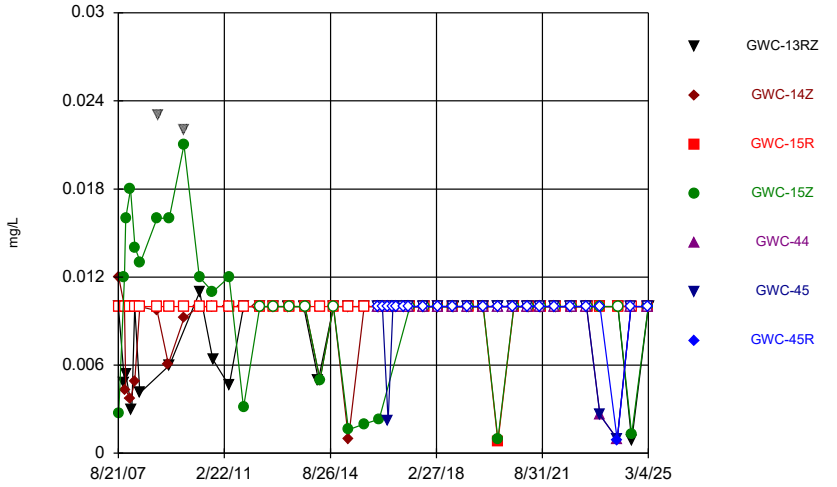
Time Series



Constituent: Vanadium Analysis Run 6/23/2025 1:39 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

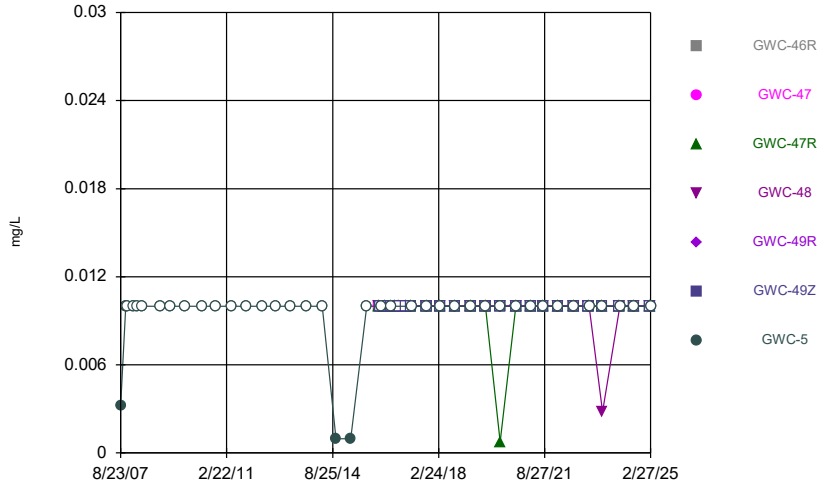
Time Series



Constituent: Vanadium Analysis Run 6/23/2025 1:39 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

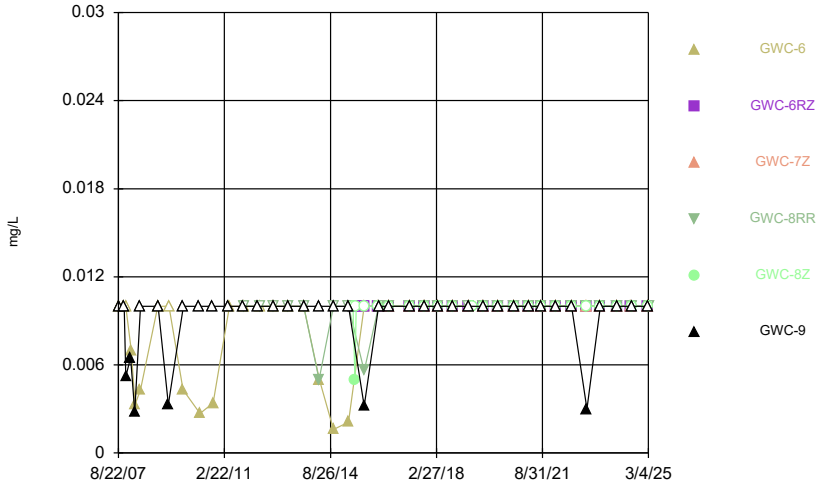
Time Series



Constituent: Vanadium Analysis Run 6/23/2025 1:39 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

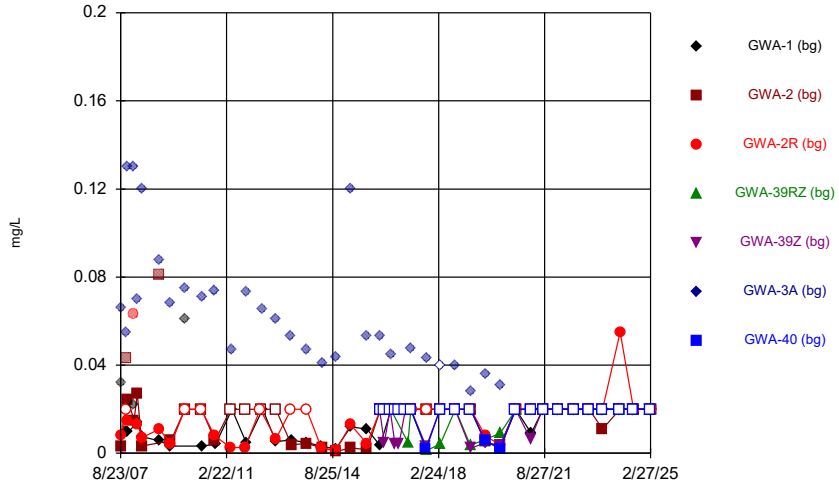
Time Series



Constituent: Vanadium Analysis Run 6/23/2025 1:39 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

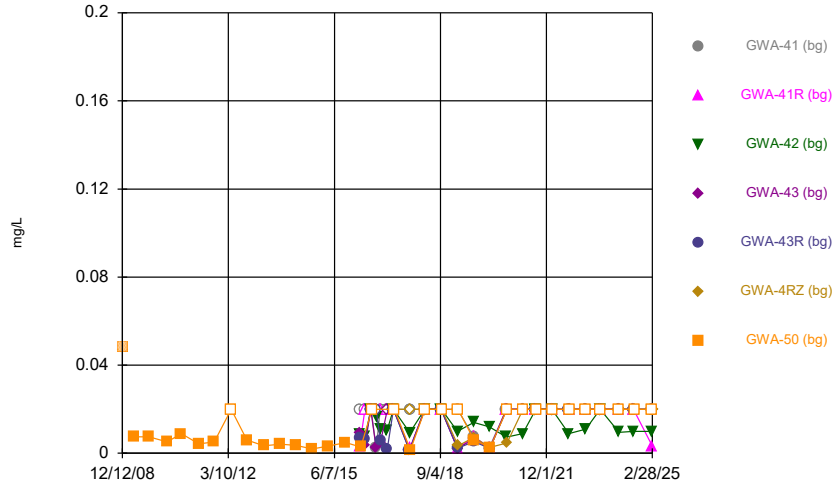
Time Series



Constituent: Zinc Analysis Run 6/23/2025 1:39 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

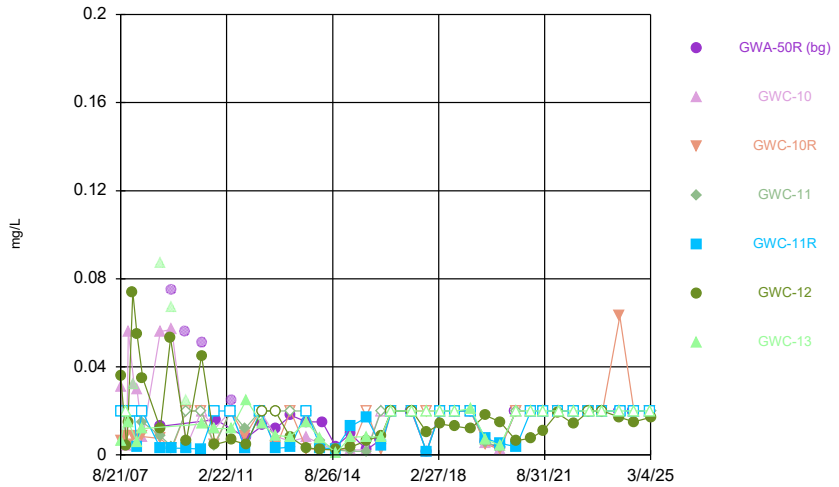
Time Series



Constituent: Zinc Analysis Run 6/23/2025 1:39 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

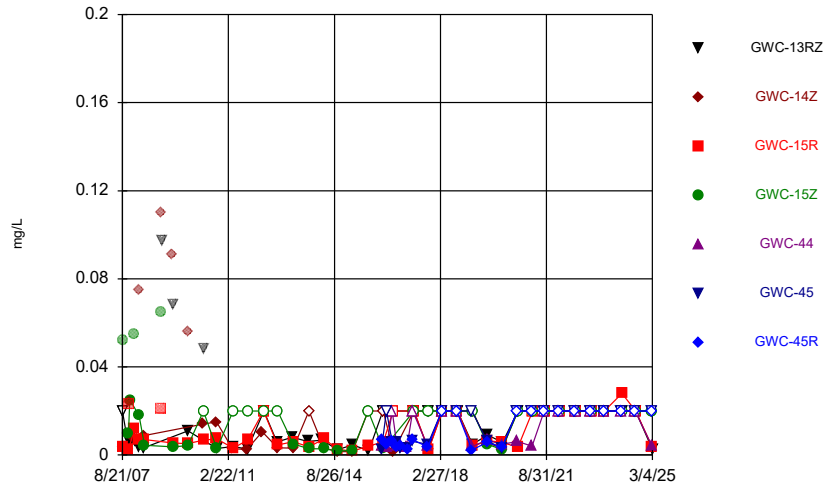
Time Series



Constituent: Zinc Analysis Run 6/23/2025 1:39 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

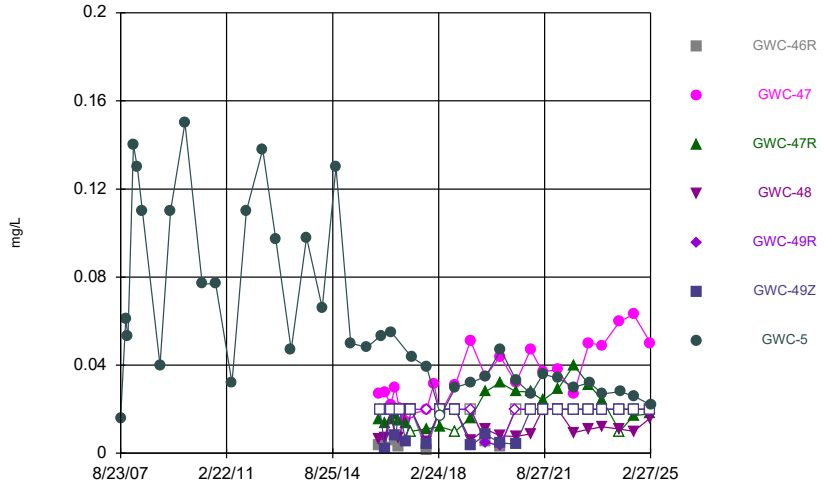
Time Series



Constituent: Zinc Analysis Run 6/23/2025 1:40 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

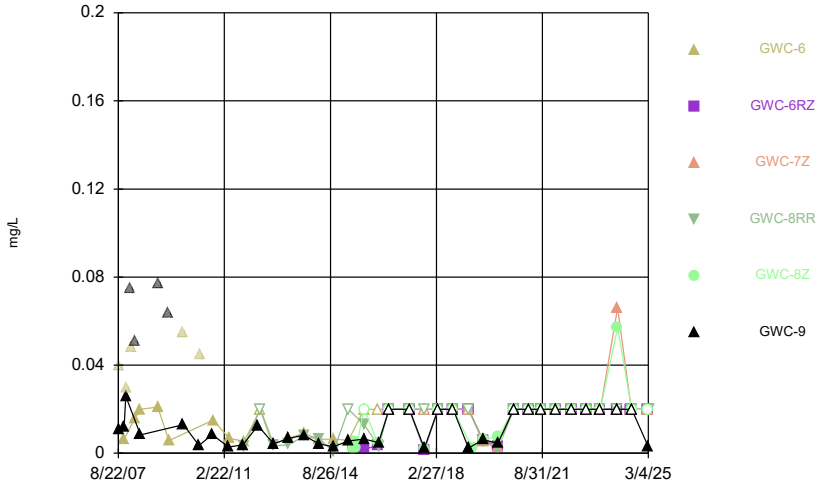
Time Series



Constituent: Zinc Analysis Run 6/23/2025 1:40 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 6/23/2025 1:40 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.003	<0.003	<0.003			<0.003	
10/23/2007	<0.003						
10/24/2007		<0.003	<0.003				
11/2/2007						<0.003	
11/18/2007	<0.003	<0.003	<0.003			<0.003	
1/30/2008	<0.003						
1/31/2008		<0.003	<0.003			<0.003	
3/10/2008	<0.003		<0.003				
3/11/2008		<0.003				<0.003	
5/6/2008		<0.003					
5/13/2008	<0.003		<0.003				
5/14/2008						<0.003	
12/4/2008		<0.003	<0.003				
12/5/2008	<0.003					<0.003	
4/15/2009	<0.003					<0.003	
4/21/2009		<0.003	<0.003				
10/7/2009	<0.003	<0.003					
10/8/2009			<0.003			<0.003	
4/21/2010			<0.003				
4/26/2010		<0.003					
4/28/2010						<0.003	
5/3/2010	<0.003						
9/28/2010			<0.003				
10/4/2010		<0.003					
10/6/2010						<0.003	
10/12/2010	<0.003						
4/12/2011			<0.003				
4/13/2011		<0.003					
4/21/2011						<0.003	
4/27/2011	<0.003						
10/4/2011			<0.003				
10/5/2011		<0.003					
10/13/2011						<0.003	
10/17/2011	0.0054						
4/3/2012			0.0053				
4/11/2012		<0.003					
5/1/2012						<0.003	
5/2/2012	<0.003						
10/8/2012	<0.003						
10/9/2012		<0.003	<0.003			<0.003	
4/11/2013			0.0075			<0.003	
4/12/2013	0.0058						
4/15/2013		<0.003					
10/15/2013		<0.003					
10/16/2013	0.01		<0.003			<0.003	
4/10/2014			0.0081				
4/11/2014	0.005 (J)						
4/22/2014		<0.003					
4/23/2014						<0.003	
9/30/2014	0.0068	<0.003	0.0022 (J)				
10/4/2014						0.0031 (J)	
3/30/2015	0.0074	<0.003	0.011				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						0.0068	
10/12/2015						<0.003	
10/13/2015	0.017	<0.003	0.0045 (J)				
3/14/2016					<0.003		
3/15/2016							<0.003
3/22/2016	0.00567						
3/23/2016		<0.003	0.00281 (J)			0.0035	
5/11/2016					0.000839 (J)		<0.003
5/16/2016				<0.003 (D)			
5/19/2016	0.00319		0.00264 (J)				
5/20/2016		<0.003					
5/23/2016						<0.003	
7/19/2016					0.0024 (J)		
7/21/2016							<0.003
7/27/2016				0.0003 (JD)			
7/29/2016	0.0025 (J)	<0.003	0.0069			0.0029 (J)	
9/15/2016					0.0009 (J)		<0.003
9/22/2016			0.0066			0.0041	
9/23/2016	0.0051	<0.003					
11/2/2016					0.001 (J)		
11/3/2016							0.0021 (J)
11/9/2016	0.0097 (J)	<0.003					
11/10/2016			<0.003			0.0048 (J)	
1/17/2017							<0.003
1/18/2017					0.0017 (J)		
1/30/2017	0.0032						
1/31/2017		<0.003	0.0064			<0.003	
2/21/2017				0.0057			
3/24/2017							<0.003
3/27/2017				0.0013 (JD)			
3/28/2017					0.0006 (J)		
3/30/2017	0.0028 (J)	<0.003				0.001 (J)	
4/3/2017			0.0049				
5/24/2017							<0.003
6/7/2017					0.0003 (J)		
6/8/2017				<0.003 (*)			
6/9/2017	<0.003		<0.003				
6/12/2017		<0.003				<0.003	
7/17/2017				0.005 (D)			
7/27/2017				0.0033			
8/9/2017				0.0012 (J)			
9/26/2017					<0.003		<0.003
9/29/2017				0.0013 (JD)			
10/2/2017	0.0014 (J)	<0.003	0.0045				
10/4/2017						0.0009 (J)	
3/14/2018					<0.003		<0.003
3/16/2018	0.0014 (J)		0.021 (O)	0.0078			
3/19/2018		<0.003				0.0019 (J)	
9/12/2018					<0.003		<0.003
9/14/2018		<0.003	0.0054	0.0056			
9/17/2018	0.00105 (JD)					0.0011 (J)	
3/13/2019							<0.003

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				0.014 (O)			
3/15/2019					<0.003		
3/19/2019			0.0019 (J)				
3/20/2019	<0.003	<0.003				0.0019 (J)	
9/9/2019					0.00079 (J)		<0.003
9/12/2019	0.0037	<0.003 (D)					
9/13/2019			0.0044			0.0013 (J)	
3/9/2020				0.0013 (J)	0.0011 (J)		<0.003
3/11/2020	0.00079 (J)	<0.003	0.002 (J)			0.0045	
9/10/2020					0.0003 (J)		
9/11/2020							<0.003
9/15/2020	0.0061	<0.003	0.0037				
9/16/2020				0.0028 (J)			
3/10/2021							<0.003
3/12/2021					0.0039		
3/16/2021	0.0014 (J)		0.005	0.00041 (J)			
3/17/2021		<0.003					
3/29/2021						<0.003	
8/4/2021					0.00083 (J)		<0.003
8/6/2021				<0.003			
8/9/2021	0.0027 (J)	<0.003	0.0033			<0.003	
1/31/2022					<0.003		0.0014 (J)
2/1/2022	0.0028 (J)	<0.003	0.0029 (J)				
2/2/2022				<0.003		<0.003	
8/10/2022					<0.003		
8/12/2022							<0.003
8/16/2022	0.0084	<0.003	0.002 (J)	0.001 (J)		<0.003	
2/13/2023					0.00087 (J)		<0.003
2/14/2023				0.0019 (J)			
2/16/2023	0.016	<0.003	0.0048				
2/17/2023						<0.003	
7/25/2023				<0.003			
7/26/2023					0.0028 (J)		<0.003
7/27/2023	0.011	<0.003	0.0095				
8/1/2023						<0.003	
2/19/2024				0.0016 (J)	0.00081 (J)		<0.003
2/22/2024	0.0014 (J)	<0.003				<0.003	
2/26/2024			0.0019 (J)				
8/1/2024				0.00097 (J)	<0.003		<0.003
8/6/2024			0.0021 (J)				
8/7/2024	0.0028 (J)	<0.003					
8/8/2024						<0.003	
2/25/2025					<0.003		<0.003
2/26/2025				0.0022 (J)		<0.003	
2/27/2025	0.00062 (J)	<0.003	0.0042				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.003
4/23/2009							<0.003
10/6/2009							<0.003
4/27/2010							<0.003
9/30/2010							<0.003
4/14/2011							<0.003
10/5/2011							<0.003
4/11/2012							<0.003
10/2/2012							<0.003
4/9/2013							<0.003
10/15/2013							<0.003
4/10/2014							<0.003
10/1/2014							<0.003
3/30/2015							<0.003
10/11/2015							<0.003
3/11/2016			<0.003	<0.003	<0.003		
3/15/2016	<0.003	<0.003					
3/28/2016							0.00139 (J)
5/12/2016	<0.003						
5/13/2016		<0.003		<0.003	<0.003		
5/16/2016			<0.003				
5/23/2016							0.000677 (J)
7/19/2016				<0.003 (*)	<0.003		
7/20/2016	<0.003						
7/21/2016		<0.003 (*)					
7/22/2016			0.002 (J)				
8/1/2016							<0.003
9/15/2016	<0.003						
9/16/2016				<0.003	<0.003		
9/19/2016			<0.003				
9/21/2016		<0.003					
9/26/2016							<0.003
11/2/2016				<0.003	<0.003		
11/3/2016	<0.003	<0.003	<0.003				
11/10/2016							<0.003
1/17/2017		<0.003	<0.003				
1/18/2017	<0.003			<0.003	0.0013 (J)		
1/30/2017							<0.003
2/22/2017						0.0018 (J)	
3/24/2017	<0.003						
3/27/2017		0.0008 (J)	<0.003				
3/28/2017				<0.003	<0.003		
4/7/2017						0.0008 (J)	<0.003
6/6/2017	<0.003	<0.003		<0.003	0.0007 (J)		
6/7/2017			<0.003				
6/12/2017							<0.003
6/14/2017						0.00205 (JD)	
7/12/2017						0.0015 (JD)	
7/20/2017						<0.003 (D)	
7/28/2017						<0.003	
8/9/2017						<0.003	
8/24/2017						0.0007 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				<0.003	0.0012 (J)		
9/25/2017	<0.003	0.0035					
9/26/2017			<0.003				
10/2/2017							<0.003
10/3/2017						<0.003 (D)	
3/14/2018	<0.003	<0.003	<0.003	<0.003			
3/15/2018					<0.003		
3/16/2018							<0.003
3/21/2018						<0.003	
9/12/2018	<0.003	0.003		<0.003	<0.003		
9/14/2018			<0.003				
9/17/2018							<0.003
9/18/2018						<0.003	
3/13/2019				<0.003	<0.003		
3/14/2019	<0.003	<0.003	<0.003				
3/19/2019							<0.003
3/21/2019						<0.003 (D)	
9/10/2019	<0.003 (D)	0.0029 (J)	<0.003				
9/11/2019				<0.003	0.00029 (J)		
9/12/2019						0.00052 (JD)	
9/13/2019							<0.003
3/6/2020	<0.003		<0.003				
3/9/2020		0.0037		0.00062 (J)	0.00037 (J)		
3/11/2020							0.0005 (J)
3/12/2020						0.0017 (J)	
9/10/2020	<0.003	0.0019 (J)	<0.003				
9/11/2020				<0.003			
9/14/2020					<0.003		
9/16/2020							<0.003
9/17/2020						0.00087 (J)	
3/10/2021		0.00037 (J)					
3/11/2021	0.00038 (J)		<0.003	<0.003	0.00074 (J)		
3/16/2021						0.00082 (J)	
3/17/2021							<0.003
8/4/2021	<0.003	<0.003	<0.003				
8/5/2021					<0.003		
8/6/2021				<0.003			
8/9/2021							<0.003
8/10/2021						0.0013 (J)	
1/31/2022	<0.003	0.0011 (J)	<0.003	<0.003	<0.003		
2/1/2022							0.0015 (J)
2/3/2022						<0.003	
8/10/2022			<0.003		<0.003		
8/11/2022	<0.003	<0.003		<0.003			
8/16/2022							<0.003
8/17/2022						<0.003	
2/13/2023	<0.003	0.0045	<0.003		<0.003		
2/14/2023				<0.003			
2/16/2023							<0.003
2/17/2023						<0.003	
7/25/2023	0.0029 (J)	0.0021 (J)		<0.003	<0.003		
7/26/2023			<0.003				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
7/28/2023						<0.003	<0.003
2/19/2024	<0.003	<0.003					
2/20/2024			<0.003	<0.003	0.0015 (J)		
2/22/2024							<0.003
2/27/2024						<0.003	
8/1/2024	<0.003	0.00085 (J)	<0.003				
8/2/2024				<0.003	0.00086 (J)		
8/8/2024						<0.003	<0.003
2/25/2025	<0.003	0.0089	<0.003	<0.003	<0.003		
2/27/2025							<0.003
2/28/2025						<0.003	

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
11/1/2007		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
11/18/2007				<0.003	<0.003		
11/19/2007						<0.003	<0.003
11/20/2007		<0.003	<0.003				
1/16/2008						<0.003	
1/30/2008		<0.003	<0.003	<0.003	<0.003		
1/31/2008							<0.003
3/5/2008				<0.003		<0.003	<0.003
3/6/2008		<0.003	<0.003		<0.003		
5/7/2008				<0.003	<0.003		
5/8/2008			<0.003				
5/12/2008		<0.003					<0.003
5/13/2008						<0.003	
12/12/2008	<0.003						
12/13/2008		<0.003				<0.003	<0.003
12/14/2008			<0.003	<0.003	<0.003		
4/16/2009						<0.003	
4/23/2009	<0.003						
4/28/2009							<0.003
4/29/2009		<0.003	<0.003	<0.003	<0.003		
10/6/2009	<0.003						
10/20/2009		<0.003					
10/21/2009			<0.003			<0.003	<0.003
10/22/2009				<0.003	<0.003		
4/21/2010			<0.003	<0.003	<0.003		
4/26/2010		<0.003					
4/27/2010						<0.003	
4/28/2010							<0.003
5/3/2010	<0.003						
9/28/2010			<0.003	<0.003			
9/29/2010		<0.003			<0.003		
10/5/2010						<0.003	<0.003
10/11/2010	<0.003						
4/12/2011			<0.003	<0.003			
4/13/2011		<0.003			<0.003		
4/19/2011						<0.003	<0.003
4/27/2011	<0.003						
10/4/2011			<0.003	<0.003	<0.003		
10/5/2011		<0.003					
10/12/2011						<0.003	
10/18/2011							<0.003
10/19/2011	<0.003						
4/3/2012			<0.003	<0.003			
4/4/2012		<0.003			<0.003		
4/24/2012						<0.003	
4/25/2012							<0.003
5/1/2012	<0.003						
10/2/2012	<0.003					<0.003	<0.003
10/3/2012		<0.003		<0.003	<0.003		
10/8/2012			<0.003				
4/2/2013						<0.003	<0.003

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		<0.003	<0.003	<0.003	<0.003		
4/10/2013	<0.003						
10/8/2013							<0.003
10/9/2013				<0.003	<0.003	<0.003	
10/15/2013		<0.003	<0.003				
10/16/2013	<0.003						
4/1/2014						<0.003	<0.003
4/2/2014				<0.003	<0.003		
4/9/2014		<0.003	<0.003				
4/22/2014	<0.003						
10/1/2014	<0.003						<0.003
10/2/2014		<0.003	<0.003	<0.003	0.0044 (J)	<0.003	
3/30/2015	<0.003						
4/1/2015				<0.003	0.0087	<0.003	<0.003
4/2/2015		<0.003	<0.003				
10/10/2015		<0.003					
10/11/2015	<0.003			<0.003	0.007		
10/12/2015			<0.003				
10/14/2015						<0.003	
10/15/2015							<0.003
3/28/2016	<0.003						
3/31/2016		<0.003	<0.003				
4/4/2016				<0.003	0.00252 (J)	<0.003	<0.003
5/25/2016	<0.003						
5/26/2016		<0.003	0.000659 (J)	0.000722 (J)	0.00351		
5/27/2016						<0.003	
5/31/2016							<0.003
8/1/2016	<0.003						
8/3/2016			<0.003	<0.003		<0.003	
8/4/2016					<0.003		<0.003
8/5/2016		<0.003					
9/26/2016	<0.003						
9/28/2016		<0.003	0.0037 (O)	<0.003	0.0012 (J)		
9/29/2016							<0.003
9/30/2016						<0.003	
11/11/2016	<0.003						
11/22/2016		<0.003	<0.003	<0.003	0.0042	<0.003	
11/28/2016							<0.003
1/30/2017	<0.003						
2/7/2017		<0.003	<0.003				
2/8/2017				<0.003	<0.003		
2/9/2017							<0.003
2/13/2017						<0.003	
4/3/2017	<0.003						
4/10/2017		<0.003	<0.003	<0.003	<0.003		
4/11/2017						<0.003	
4/12/2017							<0.003
6/12/2017	<0.003						
6/14/2017		<0.003	<0.003			<0.003	
6/15/2017				<0.003	<0.003		
6/16/2017							<0.003
10/2/2017	<0.003						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/4/2017		<0.003	<0.003	<0.003	<0.003	<0.003	
10/9/2017							<0.003
3/16/2018	<0.003						
3/20/2018		<0.003					
3/21/2018			<0.003	<0.003			<0.003
3/22/2018					<0.003	<0.003	
9/18/2018	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	
9/19/2018							<0.003
3/19/2019	<0.003						
3/22/2019		<0.003	<0.003				
3/23/2019				0.00094 (J)	<0.003	<0.003	<0.003
9/12/2019	<0.003						
9/17/2019		<0.003	<0.003	0.00041 (J)	0.0013 (J)	<0.003 (D)	
9/18/2019							0.0012 (J)
3/11/2020	<0.003						
3/12/2020		<0.003	<0.003	0.0013 (J)	0.001 (J)	<0.003	
3/13/2020							0.0023 (J)
9/15/2020	0.00048 (J)						
9/17/2020		<0.003	<0.003				
9/21/2020				0.00091 (J)	0.0053	<0.003	
9/22/2020							<0.003
3/17/2021	<0.003						
3/18/2021		<0.003	<0.003				0.00078 (J)
3/19/2021				0.00032 (J)	0.012	<0.003	
5/26/2021					0.0037		
8/9/2021	<0.003						
8/10/2021		<0.003					
8/11/2021			<0.003	<0.003	<0.003	<0.003	0.0019 (J)
2/2/2022	<0.003					<0.003	
2/4/2022		<0.003	0.0016 (J)	<0.003	<0.003		
2/17/2022							<0.003
8/17/2022	<0.003	<0.003					
8/18/2022			<0.003	<0.003	<0.003	<0.003	<0.003
2/16/2023	<0.003						
2/20/2023		<0.003	<0.003	<0.003	<0.003		
2/21/2023						0.0017 (J)	
2/22/2023							<0.003
7/28/2023	<0.003						
7/31/2023		<0.003	<0.003				
8/1/2023				<0.003	<0.003	<0.003	<0.003
2/22/2024	<0.003						
2/27/2024		<0.003	<0.003			<0.003	<0.003
2/28/2024				<0.003	<0.003		
8/8/2024	<0.003						
8/12/2024		<0.003	<0.003		0.00086 (J)	<0.003	0.0021 (J)
8/13/2024				<0.003			
2/28/2025	<0.003	<0.003					
3/3/2025			<0.003		<0.003		<0.003
3/4/2025				<0.003		<0.003	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.003						
8/23/2007			<0.003				
8/24/2007		0.005		<0.003			
11/1/2007	<0.003						
11/2/2007		<0.003	<0.003	<0.003			
11/17/2007		<0.003	<0.003				
11/18/2007				<0.003			
11/19/2007	<0.003						
1/15/2008		<0.003	<0.003	<0.003			
1/31/2008	<0.003						
3/5/2008	<0.003	<0.003					
3/6/2008			<0.003				
3/10/2008				<0.003			
5/7/2008	<0.003	<0.003	<0.003				
5/13/2008				<0.003			
12/2/2008		<0.003	<0.003	<0.003			
12/12/2008	<0.003						
4/16/2009		<0.003					
4/28/2009			<0.003	<0.003			
4/29/2009	<0.003						
10/19/2009			<0.003				
10/20/2009		<0.003		<0.003			
10/21/2009	<0.003						
4/20/2010		<0.003					
4/27/2010			<0.003	<0.003			
4/28/2010	<0.003						
9/29/2010		<0.003					
10/4/2010			<0.003				
10/5/2010				<0.003			
10/6/2010	<0.003						
4/12/2011		<0.003					
4/18/2011			<0.003				
4/19/2011				<0.003			
4/20/2011	<0.003						
10/4/2011		<0.003					
10/12/2011	<0.003		0.0052	<0.003			
4/4/2012		<0.003					
4/23/2012			<0.003				
4/25/2012	<0.003			<0.003			
10/2/2012	<0.003						
10/10/2012		<0.003	<0.003	<0.003			
4/2/2013	0.007 (O)						
4/15/2013		<0.003	<0.003				
4/16/2013				0.0053			
10/8/2013	0.01 (O)						
10/22/2013		<0.003	<0.003	<0.003			
4/1/2014	0.011 (O)						
4/21/2014		<0.003	0.005 (J)	0.005 (J)			
9/30/2014		<0.003	0.0024 (J)	<0.003			
10/1/2014	0.018 (O)						
3/31/2015	0.011 (O)						
4/3/2015		<0.003	0.0072	<0.003			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				0.0025 (J)			
10/7/2015		<0.003	0.0045 (J)				
10/14/2015	0.0083 (O)						
3/16/2016					0.00108 (J)	<0.003	0.00426
4/4/2016	0.00447						
4/5/2016		<0.003	0.00727	0.00105 (J)			
5/16/2016					<0.003	0.00109 (J)	0.00267 (JD)
5/31/2016			0.00649	0.00088 (J)			
6/1/2016	0.00377	0.000895 (J)					
7/25/2016					<0.003 (*)	0.00185 (J*D)	0.0017 (JD)
8/4/2016			0.0038				
8/9/2016		0.0017 (JD)					
9/19/2016					<0.003	<0.003 (D)	<0.003 (D)
9/29/2016			0.0106				
11/3/2016					<0.003		0.0017 (JD)
11/4/2016						<0.003 (D)	
11/23/2016			0.0098	<0.003			
11/28/2016		<0.003					
1/19/2017					<0.003		
1/20/2017							0.001 (JD)
1/23/2017						<0.003 (D)	
2/9/2017		<0.003					
2/10/2017			0.0014 (J)	<0.003			
2/22/2017	0.0044						
3/28/2017					<0.003		
3/29/2017						0.0018 (JD)	0.001 (JD)
4/11/2017	0.0019 (J)	<0.003		<0.003			
4/12/2017			0.0026 (J)				
6/5/2017					<0.003		
6/7/2017						0.0009 (J)	0.0009 (J)
6/14/2017		0.0006 (J)					
6/15/2017			<0.003	<0.003			
6/16/2017	<0.003						
7/12/2017	0.0018 (J)	<0.003		<0.003			
7/26/2017				<0.003			
7/28/2017	0.0011 (J)						
8/10/2017	0.0012 (J)						
9/26/2017					<0.003		
9/27/2017						0.0111	0.0012 (J)
10/5/2017		<0.003					
10/6/2017	0.0013 (J)		0.0008 (J)	<0.003			
12/29/2017						0.0012 (Y)	
3/15/2018					<0.003	0.00086 (J)	<0.003
3/22/2018		<0.003					
3/23/2018	0.0015 (J)		0.001 (J)	0.00089 (J)			
9/12/2018					<0.003		
9/13/2018						0.0029 (J)	<0.003
9/19/2018		<0.003	0.0011 (J)	<0.003			
9/20/2018	0.0013 (J)						
3/14/2019					<0.003	0.0015 (JD)	<0.003 (D)
3/22/2019	0.0014 (J)	<0.003		<0.003			
3/25/2019			<0.003				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/11/2019					<0.003	0.014	<0.003 (D)
9/17/2019		<0.003	0.0017 (J)	<0.003			
9/18/2019	0.00077 (X)						
3/10/2020					<0.003	0.00087 (J)	<0.003
3/13/2020		0.00053 (J)	0.00056 (J)	<0.003			
3/17/2020	0.0009 (J)						
9/11/2020						0.0076	0.00043 (J)
9/15/2020					<0.003		
9/21/2020		<0.003	0.0021 (J)	<0.003			
9/22/2020	0.00079 (J)						
12/15/2020						0.0014 (J)	
3/11/2021					<0.003	0.00062 (J)	<0.003
3/18/2021		<0.003	0.00045 (J)	<0.003			
3/19/2021	0.0011 (J)						
8/4/2021					<0.003		
8/6/2021						0.0017 (J)	<0.003
8/11/2021		<0.003	<0.003	<0.003			
8/12/2021	<0.003						
1/31/2022					<0.003		
2/1/2022						0.002 (J)	<0.003
2/4/2022	<0.003	<0.003	<0.003				
2/7/2022				<0.003			
8/12/2022						0.0072	<0.003
8/15/2022					<0.003		
8/18/2022		<0.003					
8/19/2022	<0.003		0.0011 (J)	<0.003			
2/14/2023					<0.003	<0.003	<0.003
2/22/2023	<0.003	<0.003	<0.003	<0.003			
7/26/2023					<0.003	0.013	<0.003
8/1/2023		<0.003		0.0028 (J)			
8/2/2023	<0.003		<0.003				
2/20/2024					<0.003	0.00062 (J)	<0.003
2/28/2024	0.00057 (J)	<0.003	0.001 (J)	<0.003			
8/5/2024						0.0041	<0.003
8/6/2024					<0.003		
8/13/2024	<0.003	<0.003	0.0013 (J)	<0.003			
2/26/2025					<0.003	<0.003	<0.003
3/3/2025		<0.003	0.00058 (J)	<0.003			
3/4/2025	<0.003						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							<0.003
10/25/2007							<0.003
11/19/2007							<0.003
1/23/2008							<0.003
3/11/2008							<0.003
5/12/2008							<0.003
12/11/2008							<0.003
4/15/2009							<0.003
10/9/2009							<0.003
5/4/2010							<0.003
10/12/2010							<0.003
4/28/2011							<0.003
10/19/2011							<0.003
5/2/2012							<0.003
10/9/2012							<0.003
4/11/2013							<0.003
10/16/2013							<0.003
4/23/2014							<0.003
10/3/2014							<0.003
3/31/2015							<0.003
10/12/2015							<0.003
3/10/2016	<0.003	<0.003	<0.003	<0.003			
3/17/2016					<0.003	<0.003	
3/28/2016							0.00104 (J)
5/17/2016	<0.003			<0.003			
5/18/2016		<0.003	0.000987 (J)		<0.003	<0.003	
5/25/2016							0.000686 (J)
7/26/2016	<0.003						
7/27/2016		0.0006 (J)	0.0008 (J)	0.0006 (J)	0.0023 (J)		
7/28/2016						<0.003	
8/1/2016							<0.003
9/20/2016	0.001 (J)	<0.003	0.0012 (J)	0.0018 (J)			
9/21/2016					0.0013 (J)	<0.003	
9/27/2016							<0.003
11/4/2016	<0.003		0.001 (J)	<0.003	<0.003		
11/7/2016		<0.003				<0.003 (*)	
11/11/2016							<0.003
1/20/2017	<0.003		0.0013 (J)				
1/23/2017		<0.003		<0.003			
1/24/2017					<0.003	0.0024 (J)	
1/31/2017							<0.003
3/28/2017	<0.003			<0.003			
3/29/2017		<0.003	0.0004 (J)		<0.003		
3/30/2017						0.0011 (J)	
4/3/2017							<0.003
6/7/2017	<0.003						
6/8/2017		<0.003	<0.003 (*)	<0.003 (*)	<0.003 (*)		
6/9/2017						<0.003 (*)	
6/12/2017							<0.003
9/27/2017		<0.003	<0.003				
9/29/2017	<0.003			<0.003	<0.003	0.0009 (J)	
10/3/2017							<0.003

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/15/2018	<0.003	<0.003		<0.003	<0.003	0.0012 (J)	
3/16/2018			<0.003				
3/19/2018							<0.003
9/13/2018	<0.003	<0.003	<0.003	<0.003	<0.003		
9/14/2018						0.00083 (J)	
9/17/2018							<0.003
3/15/2019		<0.003		<0.003			
3/18/2019	<0.003				<0.003		
3/19/2019			<0.003			0.0011 (J)	
3/20/2019							<0.003
9/11/2019	<0.003		0.00099 (J)	<0.003 (D)	0.0032	0.00065 (J)	
9/12/2019		<0.003					
9/16/2019							<0.003
3/9/2020		0.00032 (J)	0.00056 (J)	<0.003		0.0018 (J)	
3/10/2020	<0.003						
3/11/2020					0.0012 (J)		
3/16/2020							0.00031 (J)
9/11/2020					0.0011 (J)		
9/14/2020	<0.003	<0.003		<0.003		0.0017 (J)	
9/15/2020			0.00053 (J)				
9/16/2020							<0.003
3/11/2021	<0.003	<0.003	0.00038 (J)	<0.003			
3/15/2021					0.0019 (J)	0.00086 (J)	
3/17/2021							<0.003
8/4/2021				<0.003			
8/5/2021	<0.003	<0.003	0.00082 (J)			0.0024 (J)	
8/9/2021							<0.003
8/11/2021					0.0033		
1/31/2022	<0.003			<0.003			
2/1/2022		<0.003	0.0024 (J)		<0.003	0.00097 (J)	
2/2/2022							<0.003
8/15/2022	<0.003	0.0022 (J)	<0.003	<0.003	0.0012 (J)	<0.003	
8/16/2022							<0.003
2/14/2023	<0.003	<0.003	0.0022 (J)	<0.003	0.0037	<0.003	
2/20/2023							<0.003
7/26/2023	<0.003			<0.003			
7/27/2023		<0.003	0.0048		0.0017 (J)	<0.003	
7/28/2023							<0.003
2/21/2024	<0.003	0.0013 (J)	0.0013 (J)	<0.003	0.002 (J)	<0.003	
2/26/2024							<0.003
8/5/2024	<0.003	<0.003	0.00069 (J)	<0.003			
8/6/2024					0.00082 (J)	0.0013 (J)	
8/8/2024							<0.003
2/26/2025	<0.003	<0.003	<0.003	<0.003	0.00083 (J)	0.0011 (J)	
2/27/2025							<0.003

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.003					
8/23/2007						<0.003
10/25/2007	<0.003					
11/1/2007						<0.003
11/19/2007						<0.003
11/20/2007	<0.003					
1/15/2008						<0.003
1/23/2008	<0.003					
3/6/2008						<0.003
3/11/2008	<0.003					
5/13/2008						<0.003
5/14/2008	<0.003					
12/11/2008	<0.003					
12/12/2008						<0.003
4/16/2009						<0.003
4/23/2009	<0.003					
10/9/2009	<0.003					
10/13/2009						<0.003
4/21/2010						<0.003
5/4/2010	<0.003					
9/29/2010						<0.003
10/11/2010	<0.003					
4/13/2011						<0.003
4/26/2011	<0.003					
10/5/2011						<0.003
10/18/2011	<0.003			<0.003		
4/4/2012						<0.003
4/30/2012				<0.003		
5/2/2012	<0.003					
10/3/2012				<0.003		
10/8/2012	<0.003					<0.003
4/8/2013				<0.003		<0.003
4/10/2013	<0.003					
10/8/2013	<0.003					
10/9/2013				<0.003		<0.003
4/9/2014						<0.003
4/10/2014				<0.003		
4/14/2014	<0.003					
9/30/2014						<0.003
10/2/2014				0.0025 (J)		
10/3/2014	<0.003					
4/1/2015	0.0035 (J)					
4/2/2015						<0.003
4/3/2015				<0.003		
5/26/2015		<0.003			<0.003	
6/18/2015		<0.003 (D)			<0.003 (D)	
7/2/2015		<0.003			<0.003	
10/8/2015				<0.003	<0.003	
10/9/2015	<0.003	<0.003				
10/10/2015						<0.003 (D)
3/22/2016					<0.003	
3/29/2016	<0.003	0.000768 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				<0.003		<0.003
5/24/2016	<0.003	<0.003		<0.003		
5/25/2016					<0.003	
5/26/2016						<0.003
5/31/2016			<0.003			
8/1/2016	<0.003	<0.003				
8/2/2016			<0.003	<0.003	<0.003	
8/5/2016						<0.003
9/26/2016	<0.003	<0.003			<0.003	
9/27/2016			<0.003	<0.003		
9/28/2016						<0.003
11/14/2016		<0.003				
11/18/2016	<0.003					
11/21/2016			<0.003		<0.003	<0.003
11/22/2016				<0.003		
2/1/2017	<0.003	<0.003	<0.003			
2/3/2017					<0.003	
2/6/2017				0.0015 (J)		<0.003
4/6/2017	0.001 (J)	0.0006 (J)	<0.003	0.0007 (J)		<0.003
4/7/2017					<0.003	
6/13/2017	<0.003	<0.003	<0.003		<0.003	<0.003
6/14/2017				<0.003		
7/14/2017			0.0008 (J)			
10/3/2017	<0.003	<0.003	<0.003		<0.003	<0.003
10/4/2017				<0.003		
3/19/2018	<0.003					
3/20/2018		<0.003	<0.003		<0.003	0.001 (J)
3/21/2018				<0.003		
9/17/2018	<0.003	0.0023 (J)				
9/18/2018			<0.003	<0.003	<0.003	<0.003 (D)
3/21/2019	<0.003	<0.003	<0.003			<0.003
3/27/2019				<0.003		
5/6/2019					<0.003	
9/13/2019			0.002 (J)			
9/16/2019	<0.003	<0.003		<0.003 (D)	<0.003	<0.003
3/12/2020	0.00052 (J)	0.0011 (J)	0.00066 (J)	0.00043 (J)		<0.003
3/16/2020					<0.003	
9/16/2020	<0.003	<0.003	0.0012 (J)			
9/17/2020				0.00082 (J)	<0.003	<0.003
3/17/2021	<0.003	<0.003	0.00099 (J)	<0.003		
3/18/2021					<0.003	<0.003
8/10/2021	<0.003	0.0028 (J)	0.0017 (J)	0.0015 (J)	<0.003	<0.003
2/2/2022	<0.003	<0.003	0.00093 (J)	0.0015 (J)	<0.003	<0.003
8/17/2022	<0.003	<0.003	0.0011 (J)	<0.003	0.001 (J)	<0.003
2/17/2023	<0.003	<0.003				
2/20/2023			0.0012 (J)		<0.003	
2/21/2023				<0.003		<0.003
7/28/2023		<0.003				
7/31/2023	<0.003		<0.003	<0.003	<0.003	<0.003
2/26/2024	<0.003	<0.003	0.00086 (J)		<0.003	
2/27/2024				<0.003		<0.003
8/8/2024	<0.003	<0.003	0.0012 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/12/2024				<0.003	<0.003	<0.003
2/27/2025	<0.003	<0.003	0.00071 (J)			
2/28/2025					<0.003	<0.003
3/4/2025				<0.003		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.005	<0.005	<0.005			<0.005	
10/23/2007	<0.005						
10/24/2007		<0.005	<0.005				
11/2/2007						<0.005	
11/18/2007	<0.005	<0.005	<0.005			<0.005	
1/30/2008	<0.005						
1/31/2008		<0.005	0.005			<0.005	
3/10/2008	<0.005		<0.005				
3/11/2008		<0.005				<0.005	
5/6/2008		<0.005					
5/13/2008	<0.005		<0.005				
5/14/2008						<0.005	
12/4/2008		0.012 (O)	<0.005				
12/5/2008	<0.005					<0.005	
4/15/2009	<0.005					<0.005	
4/21/2009		<0.005	<0.005				
10/7/2009	<0.005	<0.005					
10/8/2009			<0.005			<0.005	
4/21/2010			<0.005				
4/26/2010		<0.005					
4/28/2010						<0.005	
5/3/2010	<0.005						
9/28/2010			<0.005				
10/4/2010		<0.005					
10/6/2010						<0.005	
10/12/2010	<0.005						
4/12/2011			<0.005				
4/13/2011		<0.005					
4/21/2011						<0.005	
4/27/2011	<0.005						
10/4/2011			<0.005				
10/5/2011		<0.005					
10/13/2011						<0.005	
10/17/2011	<0.005						
4/3/2012			<0.005				
4/11/2012		<0.005					
5/1/2012						<0.005	
5/2/2012	<0.005						
10/8/2012	<0.005						
10/9/2012		<0.005	<0.005			<0.005	
4/11/2013			<0.005			<0.005	
4/12/2013	<0.005						
4/15/2013		<0.005					
10/15/2013		<0.005					
10/16/2013	<0.005		0.0056			<0.005	
4/10/2014			<0.005				
4/11/2014	<0.005						
4/22/2014		<0.005					
4/23/2014						<0.005	
9/30/2014	<0.005	<0.005	<0.005				
10/4/2014						<0.005	
3/30/2015	<0.005	<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						<0.005	
10/12/2015						<0.005	
10/13/2015	<0.005	<0.005	<0.005				
3/14/2016					<0.005		
3/15/2016							<0.005
3/22/2016	<0.005						
3/23/2016		<0.005	<0.005			<0.005	
5/11/2016					<0.005		<0.005
5/16/2016				<0.005 (D)			
5/19/2016	<0.005		<0.005				
5/20/2016		<0.005					
5/23/2016						<0.005	
7/19/2016					<0.005		
7/21/2016							<0.005
7/27/2016				0.0011 (JD)			
7/29/2016	<0.005	<0.005	0.0008 (J)			<0.005	
9/15/2016					<0.005		<0.005
9/22/2016			<0.005			<0.005	
9/23/2016	<0.005	<0.005					
11/2/2016					<0.005		
11/3/2016							<0.005
11/9/2016	<0.005	<0.005					
11/10/2016			<0.005			<0.005	
1/17/2017							<0.005
1/18/2017					<0.005		
1/30/2017	<0.005						
1/31/2017		<0.005	<0.005			<0.005	
2/21/2017				<0.005			
3/24/2017							<0.005
3/27/2017				0.0007 (JD)			
3/28/2017					0.0007 (J)		
3/30/2017	<0.005	<0.005				<0.005	
4/3/2017			0.0007 (J)				
5/24/2017							<0.005
6/7/2017					<0.005		
6/8/2017				0.0007 (JD)			
6/9/2017	0.0005 (J)		0.0006 (J)				
6/12/2017		<0.005				<0.005	
7/17/2017				0.0005 (JD)			
7/27/2017				<0.005			
8/9/2017				0.0008 (J)			
9/26/2017					<0.005		0.0005 (J)
9/29/2017				<0.005 (D)			
10/2/2017	<0.005	<0.005	0.0005 (J)				
10/4/2017						<0.005	
3/14/2018					<0.005		<0.005
3/16/2018	0.00085 (J)		0.001 (J)	<0.005			
3/19/2018		<0.005				<0.005	
9/12/2018					<0.005		<0.005
9/14/2018		<0.005	<0.005	<0.005			
9/17/2018	<0.005 (D)					<0.005	
3/13/2019							<0.005

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				<0.005			
3/15/2019					<0.005		
3/19/2019			<0.005				
3/20/2019	<0.005	<0.005				<0.005	
9/9/2019					0.00043 (J)		0.00068 (J)
9/12/2019	0.0004 (J)	<0.005 (D)					
9/13/2019			0.00051 (J)			<0.005	
3/9/2020				0.00083 (J)	<0.005		<0.005
3/11/2020	0.00088 (J)	<0.005	0.00044 (J)			<0.005	
9/10/2020					<0.005		
9/11/2020							<0.005
9/15/2020	<0.005	<0.005	0.00081 (J)				
9/16/2020				<0.005			
3/10/2021							<0.005
3/12/2021					<0.005		
3/16/2021	<0.005		<0.005	<0.005			
3/17/2021		<0.005					
3/29/2021						0.001 (J)	
8/4/2021					<0.005		<0.005
8/6/2021				<0.005			
8/9/2021	<0.005	<0.005	0.0031 (J)			<0.005	
1/31/2022					0.0021 (J)		<0.005
2/1/2022	<0.005	0.0019 (J)	0.0053				
2/2/2022				<0.005		<0.005	
8/10/2022					<0.005		
8/12/2022							<0.005
8/16/2022	<0.005	<0.005	0.0033 (J)	<0.005		<0.005	
2/13/2023					<0.005		<0.005
2/14/2023				<0.005			
2/16/2023	<0.005	<0.005	<0.005				
2/17/2023						<0.005	
7/25/2023				<0.005			
7/26/2023					<0.005		<0.005
7/27/2023	<0.005	<0.005	<0.005				
8/1/2023						<0.005	
2/19/2024				<0.005	<0.005		<0.005
2/22/2024	<0.005	<0.005				<0.005	
2/26/2024			<0.005				
8/1/2024				0.0018 (J)	0.0011 (J)		0.0011 (J)
8/6/2024			<0.005				
8/7/2024	<0.005	<0.005					
8/8/2024						<0.005	
2/25/2025					<0.005		<0.005
2/26/2025				<0.005		<0.005	
2/27/2025	<0.005	<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.005
4/23/2009							<0.005
10/6/2009							<0.005
4/27/2010							<0.005
9/30/2010							<0.005
4/14/2011							<0.005
10/5/2011							<0.005
4/11/2012							<0.005
10/2/2012							<0.005
4/9/2013							<0.005
10/15/2013							<0.005
4/10/2014							<0.005
10/1/2014							<0.005
3/30/2015							<0.005
10/11/2015							<0.005
3/11/2016			<0.005	<0.005	<0.005		
3/15/2016	<0.005	<0.005					
3/28/2016							<0.005
5/12/2016	<0.005						
5/13/2016		<0.005		<0.005	<0.005		
5/16/2016			<0.005				
5/23/2016							<0.005
7/19/2016				<0.005	<0.005		
7/20/2016	<0.005						
7/21/2016		0.0012 (J)					
7/22/2016			<0.005				
8/1/2016							<0.005
9/15/2016	<0.005						
9/16/2016				<0.005	<0.005		
9/19/2016			<0.005				
9/21/2016		<0.005					
9/26/2016							<0.005
11/2/2016				<0.005	<0.005		
11/3/2016	<0.005	<0.005	<0.005				
11/10/2016							<0.005
1/17/2017		<0.005	<0.005				
1/18/2017	<0.005			<0.005	<0.005		
1/30/2017							<0.005
2/22/2017						0.0019 (J)	
3/24/2017	<0.005						
3/27/2017		0.0008 (J)	<0.005				
3/28/2017				<0.005	0.0005 (J)		
4/7/2017						0.0008 (J)	<0.005
6/6/2017	<0.005 (*)	<0.005 (*)		<0.005 (*)	<0.005 (*)		
6/7/2017			<0.005 (*)				
6/12/2017							<0.005
6/14/2017						0.0006 (JD)	
7/12/2017						<0.005 (D)	
7/20/2017						0.0009 (JD)	
7/28/2017						<0.005	
8/9/2017						0.0011 (J)	
8/24/2017						0.0007 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				<0.005	<0.005		
9/25/2017	<0.005	0.001 (J)					
9/26/2017			<0.005				
10/2/2017							<0.005
10/3/2017						0.0005 (JD)	
3/14/2018	<0.005	<0.005	<0.005	<0.005			
3/15/2018					<0.005		
3/16/2018							<0.005
3/21/2018						0.0012 (J)	
9/12/2018	<0.005	<0.005		<0.005	<0.005		
9/14/2018			<0.005				
9/17/2018							<0.005
9/18/2018						<0.005	
3/13/2019				<0.005	<0.005		
3/14/2019	<0.005	<0.005	<0.005				
3/19/2019							<0.005
3/21/2019						<0.005 (D)	
9/10/2019	<0.005 (D)	<0.005	<0.005				
9/11/2019				<0.005	<0.005		
9/12/2019						0.0006 (JD)	
9/13/2019							<0.005
3/6/2020	<0.005		<0.005				
3/9/2020		<0.005		<0.005	<0.005		
3/11/2020							<0.005
3/12/2020						0.0033 (J)	
9/10/2020	<0.005	<0.005	<0.005				
9/11/2020				<0.005			
9/14/2020					<0.005		
9/16/2020							<0.005
9/17/2020						0.0011 (J)	
3/10/2021		<0.005					
3/11/2021	<0.005		<0.005	<0.005	<0.005		
3/16/2021						0.00098 (J)	
3/17/2021							<0.005
8/4/2021	<0.005	<0.005	<0.005				
8/5/2021					<0.005		
8/6/2021				<0.005			
8/9/2021							<0.005
8/10/2021						0.0025 (J)	
1/31/2022	<0.005	<0.005	<0.005	0.0013 (J)	<0.005		
2/1/2022							<0.005
2/3/2022						0.0034 (J)	
8/10/2022			<0.005		<0.005		
8/11/2022	<0.005	<0.005		<0.005			
8/16/2022							<0.005
8/17/2022						<0.005	
2/13/2023	<0.005	<0.005	<0.005		<0.005		
2/14/2023				<0.005			
2/16/2023							<0.005
2/17/2023						<0.005	
7/25/2023	<0.005	<0.005		<0.005	<0.005		
7/26/2023			<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
7/28/2023						<0.005	<0.005
2/19/2024	<0.005	<0.005					
2/20/2024			0.001 (J)	<0.005	<0.005		
2/22/2024							<0.005
2/27/2024						<0.005	
8/1/2024	0.00092 (J)	0.0015 (J)	<0.005				
8/2/2024				<0.005	<0.005		
8/8/2024						0.0016 (J)	<0.005
2/25/2025	<0.005	<0.005	<0.005	<0.005	<0.005		
2/27/2025							<0.005
2/28/2025						<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/1/2007		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/18/2007				<0.005	<0.005		
11/19/2007						<0.005	<0.005
11/20/2007		0.0079	<0.005				
1/16/2008						0.0086	
1/30/2008		<0.005	<0.005	<0.005	<0.005		
1/31/2008							<0.005
3/5/2008				<0.005		<0.005	<0.005
3/6/2008		<0.005	<0.005		<0.005		
5/7/2008				<0.005	<0.005		
5/8/2008			<0.005				
5/12/2008		<0.005					<0.005
5/13/2008						<0.005	
12/12/2008	<0.005						
12/13/2008		0.015 (O)				0.012	0.0096
12/14/2008			<0.005	<0.005	<0.005		
4/16/2009						0.008	
4/23/2009	<0.005						
4/28/2009							<0.005
4/29/2009		<0.005	<0.005	<0.005	0.0057		
10/6/2009	<0.005						
10/20/2009		<0.005					
10/21/2009			<0.005			0.0081	<0.005
10/22/2009				<0.005	<0.005		
4/21/2010			<0.005	<0.005	<0.005		
4/26/2010		<0.005					
4/28/2010							<0.005
5/3/2010	0.012 (O)						
9/28/2010			<0.005	<0.005			
9/29/2010		<0.005			<0.005		
10/5/2010						0.0067	<0.005
10/11/2010	<0.005						
4/12/2011			<0.005	<0.005			
4/13/2011		<0.005			<0.005		
4/19/2011						<0.005	<0.005
4/27/2011	<0.005						
10/4/2011			<0.005	<0.005	<0.005		
10/5/2011		<0.005					
10/12/2011						<0.005	
10/18/2011							<0.005
10/19/2011	<0.005						
4/3/2012			<0.005	<0.005			
4/4/2012		<0.005			<0.005		
4/24/2012						0.0086	
4/25/2012							<0.005
5/1/2012	<0.005						
10/2/2012	<0.005					<0.005	<0.005
10/3/2012		<0.005		<0.005	<0.005		
10/8/2012			<0.005				
4/2/2013						<0.005	<0.005
4/3/2013		<0.005	<0.005	<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/10/2013	<0.005						
10/8/2013							<0.005
10/9/2013				<0.005	0.006	0.0094	
10/15/2013		<0.005	<0.005				
10/16/2013	<0.005						
4/1/2014						0.0097	<0.005
4/2/2014				<0.005	0.005 (J)		
4/9/2014		<0.005	<0.005				
4/22/2014	<0.005						
10/1/2014	<0.005						0.0022 (J)
10/2/2014		<0.005	<0.005	<0.005	0.0036 (J)	0.0055	
3/30/2015	<0.005						
4/1/2015				<0.005	0.0077	0.011	<0.005
4/2/2015		<0.005	<0.005				
10/10/2015		<0.005					
10/11/2015	<0.005			<0.005	0.0071		
10/12/2015			<0.005				
10/14/2015						0.007	
10/15/2015							<0.005
3/28/2016	<0.005						
3/31/2016		<0.005	<0.005				
4/4/2016				<0.005	0.00315 (J)	0.00645	0.00124 (J)
5/25/2016	<0.005						
5/26/2016		<0.005	<0.005	<0.005	0.00313 (J)		
5/27/2016						0.00692	
5/31/2016							<0.005
8/1/2016	<0.005						
8/3/2016			<0.005	<0.005		0.0068	
8/4/2016					0.0032 (J)		<0.005
8/5/2016		<0.005					
9/26/2016	<0.005						
9/28/2016		<0.005	<0.005	<0.005	0.0029 (J)		
9/29/2016							<0.005
9/30/2016						0.0065	
11/11/2016	<0.005						
11/22/2016		<0.005	<0.005	<0.005	0.0048 (J)	0.0066	
11/28/2016							<0.005
1/30/2017	<0.005						
2/7/2017		<0.005	<0.005				
2/8/2017				<0.005	0.0022 (J)		
2/9/2017							<0.005
2/13/2017						0.0092	
4/3/2017	<0.005						
4/10/2017		<0.005	<0.005	<0.005	0.002 (J)		
4/11/2017						0.0051	
4/12/2017							0.001 (J)
6/12/2017	<0.005						
6/14/2017		<0.005	<0.005			0.0056	
6/15/2017				<0.005	0.0014 (J)		
6/16/2017							0.0007 (J)
10/2/2017	<0.005						
10/4/2017		0.0006 (J)	<0.005	<0.005	0.002 (J)	0.0068	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/9/2017							0.0006 (J)
3/16/2018	<0.005						
3/20/2018		0.00079 (J)					
3/21/2018			<0.005	0.00058 (J)			0.0013 (J)
3/22/2018					0.0022 (J)	0.0055	
9/18/2018	<0.005	<0.005	<0.005	<0.005	<0.005	0.0064	
9/19/2018							<0.005
3/19/2019	<0.005						
3/22/2019		<0.005	<0.005				
3/23/2019				<0.005	0.0016 (J)	0.0055	0.00067 (J)
9/12/2019	<0.005						
9/17/2019		<0.005	<0.005	<0.005	0.0016 (J)	0.00465 (JD)	
9/18/2019							0.00052 (J)
3/11/2020	<0.005						
3/12/2020		<0.005	<0.005	<0.005	0.0012 (J)	0.0053	
3/13/2020							0.00096 (J)
9/15/2020	<0.005						
9/17/2020		<0.005	<0.005				
9/21/2020				<0.005	0.0012 (J)	0.0065	
9/22/2020							0.00098 (J)
3/17/2021	<0.005						
3/18/2021		<0.005	<0.005				<0.005
3/19/2021				<0.005	0.0013 (J)	0.0052	
8/9/2021	<0.005						
8/10/2021		<0.005					
8/11/2021			<0.005	<0.005	0.0017 (J)	0.0042 (J)	<0.005
2/2/2022	<0.005					0.0027 (J)	
2/4/2022		0.0023 (J)	0.0019 (J)	0.0023 (J)	0.0035 (J)		
2/17/2022							<0.005
8/17/2022	<0.005	<0.005					
8/18/2022			<0.005	<0.005	<0.005	0.0037 (J)	<0.005
2/16/2023	<0.005						
2/20/2023		<0.005	<0.005	<0.005	<0.005		
2/21/2023						0.0094 (J)	
2/22/2023							<0.005
7/28/2023	<0.005						
7/31/2023		<0.005	<0.005				
8/1/2023				<0.005	<0.005	0.0065	<0.005
2/22/2024	<0.005						
2/27/2024		<0.005	<0.005			0.0028 (J)	<0.005
2/28/2024				<0.005	<0.005		
8/8/2024	<0.005						
8/12/2024		<0.005	<0.005		0.0017 (J)	0.0039 (J)	<0.005
8/13/2024				<0.005			
2/28/2025	<0.005	<0.005					
3/3/2025			<0.005		<0.005		<0.005
3/4/2025				<0.005		0.0053	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.005						
8/23/2007			<0.005				
8/24/2007		<0.005		<0.005			
11/1/2007	<0.005						
11/2/2007		<0.005	<0.005	<0.005			
11/17/2007		<0.005	<0.005				
11/18/2007				<0.005			
11/19/2007	<0.005						
1/15/2008		<0.005	<0.005	0.0077			
1/31/2008	<0.005						
3/5/2008	<0.005	0.0079					
3/6/2008			<0.005				
3/10/2008				<0.005			
5/7/2008	<0.005	<0.005	<0.005				
5/13/2008				<0.005			
12/2/2008		0.014 (O)	<0.005	0.0061			
12/12/2008	0.02 (O)						
4/16/2009		0.0069					
4/28/2009			<0.005	<0.005			
4/29/2009	0.0066						
10/19/2009			<0.005				
10/20/2009		0.0054		<0.005			
10/21/2009	<0.005						
4/20/2010		<0.005					
4/27/2010			<0.005	<0.005			
4/28/2010	0.016 (O)						
9/29/2010		<0.005					
10/4/2010			<0.005				
10/5/2010				<0.005			
10/6/2010	<0.005						
4/12/2011		<0.005					
4/18/2011			<0.005				
4/19/2011				<0.005			
4/20/2011	<0.005						
10/4/2011		<0.005					
10/12/2011	<0.005		<0.005	<0.005			
4/4/2012		<0.005					
4/23/2012			<0.005				
4/25/2012	<0.005			<0.005			
10/2/2012	<0.005						
10/10/2012		<0.005	<0.005	<0.005			
4/2/2013	<0.005						
4/15/2013		<0.005	<0.005				
4/16/2013				<0.005			
10/8/2013	<0.005						
10/22/2013		<0.005	<0.005	<0.005			
4/1/2014	<0.005						
4/21/2014		<0.005	<0.005	0.005 (J)			
9/30/2014		<0.005	<0.005	0.0025 (J)			
10/1/2014	0.0021 (J)						
3/31/2015	<0.005						
4/3/2015		<0.005	<0.005	<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.005			
10/7/2015		<0.005	<0.005				
10/14/2015	<0.005						
3/16/2016					0.00101 (J)	<0.005	<0.005
4/4/2016	0.00144 (J)						
4/5/2016		<0.005	<0.005	0.00153 (J)			
5/16/2016					<0.005	<0.005 (D)	<0.005
5/31/2016			<0.005	0.00261 (J)			
6/1/2016	0.0011 (JD)	<0.005					
7/25/2016					<0.005	<0.005 (D)	<0.005
8/4/2016			<0.005				
8/9/2016		<0.005					
9/19/2016					<0.005	<0.005 (D)	<0.005
9/29/2016			<0.005				
11/3/2016					<0.005		<0.005
11/4/2016						<0.005 (D)	
11/23/2016			<0.005	<0.005			
11/28/2016		<0.005					
1/19/2017					<0.005		
1/20/2017							<0.005
1/23/2017						<0.005 (D)	
2/9/2017		<0.005					
2/10/2017			<0.005	<0.005			
2/22/2017	<0.005						
3/28/2017					0.0009 (J)		
3/29/2017						<0.005 (D)	<0.005 (D)
4/11/2017	0.0011 (JD)	<0.005		0.0007 (J)			
4/12/2017			0.0005 (J)				
6/5/2017					0.0033 (J)		
6/7/2017						<0.005	<0.005 (*)
6/14/2017		<0.005					
6/15/2017			<0.005	<0.005			
6/16/2017	0.0043 (JD)						
7/12/2017	0.0013 (JD)	<0.005		<0.005			
7/26/2017				<0.005			
7/28/2017	0.0013 (J)						
8/10/2017	0.0011 (J)						
9/26/2017					0.0008 (J)		
9/27/2017						<0.005	0.0006 (J)
10/5/2017		<0.005					
10/6/2017	0.0013 (JD)		0.0008 (J)	0.0009 (J)			
3/15/2018					<0.005	<0.005	<0.005
3/22/2018		0.00096 (J)					
3/23/2018	<0.005		<0.005	<0.005			
9/12/2018					<0.005		
9/13/2018						<0.005	<0.005
9/19/2018		<0.005	<0.005	<0.005			
9/20/2018	<0.005						
3/14/2019					<0.005	<0.005 (D)	<0.005 (D)
3/22/2019	0.00097 (J)	<0.005		<0.005			
3/25/2019			<0.005				
9/11/2019					<0.005	<0.005 (D)	<0.005 (D)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/17/2019		<0.005	<0.005	<0.005			
9/18/2019	0.00045 (X)						
3/10/2020					0.0013 (J)	<0.005	<0.005
3/13/2020		<0.005	0.00047 (J)	0.00052 (J)			
3/17/2020	0.00067 (J)						
9/11/2020						<0.005	<0.005
9/15/2020					<0.005		
9/21/2020		<0.005	<0.005	<0.005			
9/22/2020	0.00086 (J)						
3/11/2021					<0.005	<0.005	<0.005
3/18/2021		<0.005	<0.005	<0.005			
3/19/2021	0.00084 (J)						
8/4/2021					<0.005		
8/6/2021						<0.005	<0.005
8/11/2021		<0.005	<0.005	<0.005			
8/12/2021	<0.005						
1/31/2022					<0.005		
2/1/2022						<0.005	<0.005
2/4/2022	0.0035 (J)	0.0019 (J)	0.0026 (J)				
2/7/2022				0.0025 (J)			
8/12/2022						<0.005	<0.005
8/15/2022					<0.005		
8/18/2022		<0.005					
8/19/2022	<0.005		<0.005	<0.005			
2/14/2023					<0.005	<0.005	<0.005
2/22/2023	0.0031 (J)	<0.005	<0.005	<0.005			
7/26/2023					0.0038 (J)	0.0038 (J)	<0.005
8/1/2023		<0.005		<0.005			
8/2/2023	<0.005		<0.005				
2/20/2024					<0.005	<0.005	<0.005
2/28/2024	<0.005	<0.005	<0.005	<0.005			
8/5/2024						<0.005	<0.005
8/6/2024					<0.005		
8/13/2024	0.0013 (J)	<0.005	<0.005	<0.005			
2/26/2025					<0.005	<0.005	<0.005
3/3/2025		<0.005	<0.005	<0.005			
3/4/2025	<0.005						

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							<0.005
10/25/2007							<0.005
11/19/2007							<0.005
1/23/2008							<0.005
3/11/2008							<0.005
5/12/2008							<0.005
12/11/2008							<0.005
4/15/2009							<0.005
10/9/2009							<0.005
5/4/2010							<0.005
10/12/2010							<0.005
4/28/2011							<0.005
10/19/2011							<0.005
5/2/2012							<0.005
10/9/2012							<0.005
4/11/2013							<0.005
10/16/2013							<0.005
4/23/2014							<0.005
10/3/2014							<0.005
3/31/2015							<0.005
10/12/2015							<0.005
3/10/2016	<0.005	<0.005	0.00136 (J)	<0.005			
3/17/2016					<0.005	<0.005	
3/28/2016							<0.005
5/17/2016	<0.005			<0.005			
5/18/2016		<0.005	0.00127 (J)		<0.005	<0.005	
5/25/2016							<0.005
7/26/2016	<0.005						
7/27/2016		<0.005	0.0012 (J)	<0.005	<0.005		
7/28/2016						<0.005	
8/1/2016							<0.005
9/20/2016	<0.005	<0.005	<0.005	<0.005			
9/21/2016					<0.005	<0.005	
9/27/2016							<0.005
11/4/2016	<0.005		<0.005	<0.005	<0.005		
11/7/2016		<0.005				<0.005	
11/11/2016							<0.005
1/20/2017	<0.005		<0.005				
1/23/2017		<0.005		<0.005			
1/24/2017					<0.005	<0.005	
1/31/2017							<0.005
3/28/2017	0.0004 (J)			<0.005			
3/29/2017		<0.005	<0.005		<0.005		
3/30/2017						<0.005	
4/3/2017							<0.005
6/7/2017	<0.005 (*)						
6/8/2017		0.0006 (J)	0.001 (J)	<0.005	<0.005		
6/9/2017						<0.005	
6/12/2017							0.0006 (J)
9/27/2017		<0.005	0.0009 (J)				
9/29/2017	<0.005			<0.005	<0.005	<0.005	
10/3/2017							<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/15/2018	<0.005	<0.005		<0.005	<0.005	<0.005	
3/16/2018			<0.005				
3/19/2018							<0.005
9/13/2018	<0.005	<0.005	0.00091 (J)	<0.005	<0.005		
9/14/2018						<0.005	
9/17/2018							<0.005
3/15/2019		<0.005		<0.005			
3/18/2019	<0.005				<0.005		
3/19/2019			<0.005			<0.005	
3/20/2019							<0.005
9/11/2019	<0.005		0.00067 (J)	<0.005 (D)	<0.005	<0.005	
9/12/2019		<0.005					
9/16/2019							<0.005
3/9/2020		<0.005	0.00051 (J)	<0.005		<0.005	
3/10/2020	<0.005						
3/11/2020					0.00041 (J)		
3/16/2020							<0.005
9/11/2020					<0.005		
9/14/2020	<0.005	<0.005		<0.005		<0.005	
9/15/2020			<0.005				
9/16/2020							<0.005
3/11/2021	<0.005	<0.005	<0.005	<0.005			
3/15/2021					<0.005	<0.005	
3/17/2021							<0.005
8/4/2021				<0.005			
8/5/2021	<0.005	<0.005	0.0012 (J)			<0.005	
8/9/2021							<0.005
8/11/2021					<0.005		
1/31/2022	<0.005			<0.005			
2/1/2022		<0.005	<0.005		<0.005	<0.005	
2/2/2022							<0.005
8/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
8/16/2022							<0.005
2/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
2/20/2023							<0.005
7/26/2023	<0.005			<0.005			
7/27/2023		<0.005	0.0039 (J)		<0.005	0.0044 (J)	
7/28/2023							<0.005
2/21/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
2/26/2024							<0.005
8/5/2024	<0.005	<0.005	<0.005	<0.005			
8/6/2024					<0.005	<0.005	
8/8/2024							<0.005
2/26/2025	<0.005	<0.005	<0.005	0.0013 (J)	<0.005	<0.005	
2/27/2025							<0.005

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.005					
8/23/2007						<0.005
10/25/2007	<0.005					
11/1/2007						<0.005
11/19/2007						<0.005
11/20/2007	<0.005					
1/15/2008						0.0086
1/23/2008	<0.005					
3/6/2008						<0.005
3/11/2008	<0.005					
5/13/2008						<0.005
5/14/2008	<0.005					
12/11/2008	<0.005					
12/12/2008						0.0065
4/16/2009						<0.005
4/23/2009	<0.005					
10/9/2009	<0.005					
10/13/2009						<0.005
4/21/2010						<0.005
5/4/2010	0.014 (O)					
9/29/2010						<0.005
10/11/2010	<0.005					
4/13/2011						<0.005
4/26/2011	<0.005					
10/5/2011						<0.005
10/18/2011	<0.005			<0.005		
4/4/2012						<0.005
4/30/2012				<0.005		
5/2/2012	<0.005					
10/3/2012				<0.005		
10/8/2012	<0.005					<0.005
4/8/2013				<0.005		<0.005
4/10/2013	<0.005					
10/8/2013	<0.005					
10/9/2013				<0.005		<0.005
4/9/2014						<0.005
4/10/2014				<0.005		
4/14/2014	<0.005					
9/30/2014						<0.005
10/2/2014				<0.005		
10/3/2014	<0.005					
4/1/2015	<0.005					
4/2/2015						<0.005
4/3/2015				<0.005		
5/26/2015		<0.005			<0.005	
6/18/2015		<0.005 (D)			<0.005 (D)	
7/2/2015		<0.005			<0.005	
10/8/2015				0.0029 (J)	<0.005	
10/9/2015	<0.005	<0.005				
10/10/2015						<0.005 (D)
3/22/2016					<0.005	
3/29/2016	<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				<0.005		0.00116 (J)
5/24/2016	<0.005	<0.005		<0.005		
5/25/2016					<0.005	
5/26/2016						<0.005
5/31/2016			<0.005			
8/1/2016	<0.005	<0.005				
8/2/2016			0.0031 (J)	<0.005	<0.005	
8/5/2016						<0.005
9/26/2016	<0.005	<0.005			<0.005	
9/27/2016			0.0028 (J)	<0.005		
9/28/2016						<0.005
11/14/2016		<0.005				
11/18/2016	<0.005					
11/21/2016			0.0031 (J)		<0.005	<0.005
11/22/2016				<0.005		
2/1/2017	<0.005	<0.005	0.0031 (J)			
2/3/2017					<0.005	
2/6/2017				<0.005		<0.005
4/6/2017	0.0006 (J)	<0.005	0.003 (J)	<0.005		<0.005
4/7/2017					<0.005	
6/13/2017	<0.005	<0.005	0.0024 (J)		<0.005	<0.005
6/14/2017				<0.005		
7/14/2017			0.0029 (J)			
10/3/2017	<0.005	<0.005	0.0018 (J)		<0.005	<0.005
10/4/2017				<0.005		
3/19/2018	0.00089 (J)					
3/20/2018		<0.005	0.0024 (J)		0.0006 (J)	<0.005
3/21/2018				0.00077 (J)		
9/17/2018	<0.005	<0.005				
9/18/2018			<0.005	<0.005	<0.005	<0.005 (D)
3/21/2019	<0.005	<0.005	0.00077 (J)			<0.005
3/27/2019				<0.005		
5/6/2019					0.00063 (J)	
9/13/2019			0.0017 (J)			
9/16/2019	0.00071 (J)	0.00038 (J)		0.0004 (JD)	0.00043 (J)	0.00044 (J)
3/12/2020	0.00055 (J)	<0.005	0.00044 (J)	0.00039 (J)		<0.005
3/16/2020					<0.005	
9/16/2020	<0.005	<0.005	<0.005			
9/17/2020				<0.005	<0.005	<0.005
3/17/2021	0.0013 (J)	<0.005	<0.005	<0.005		
3/18/2021					0.00082 (J)	<0.005
8/10/2021	0.0016 (J)	<0.005	0.0013 (J)	<0.005	<0.005	<0.005
2/2/2022	<0.005	0.0012 (J)	0.002 (J)	0.0013 (J)	0.0011 (J)	0.0013 (J)
8/17/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/17/2023	<0.005	<0.005				
2/20/2023			<0.005		<0.005	
2/21/2023				<0.005		0.0028 (J)
7/28/2023		<0.005				
7/31/2023	<0.005		<0.005	<0.005	<0.005	<0.005
2/26/2024	<0.005	<0.005	<0.005		<0.005	
2/27/2024				<0.005		<0.005
8/8/2024	<0.005	<0.005	<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/12/2024				<0.005	<0.005	<0.005
2/27/2025	<0.005	<0.005	<0.005			
2/28/2025					<0.005	<0.005
3/4/2025				<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	0.02	0.0073	0.0098			0.015 (O)	
10/23/2007	0.039						
10/24/2007		0.027	0.015				
11/2/2007						0.017 (O)	
11/18/2007	0.04 (J)	0.13 (O)	0.011			0.019 (O)	
1/30/2008	0.04						
1/31/2008		0.0077	0.13 (O)			0.011 (O)	
3/10/2008	0.033		0.0078				
3/11/2008		0.015				0.016 (O)	
5/6/2008		0.017					
5/13/2008	0.03		0.0077				
5/14/2008						0.013 (O)	
12/4/2008		0.14 (O)	0.0089				
12/5/2008	0.0087					0.021 (O)	
4/15/2009	0.023					0.012 (O)	
4/21/2009		0.018	0.013				
10/7/2009	0.15 (O)	0.014					
10/8/2009			0.008			0.011 (O)	
4/21/2010			0.01				
4/26/2010		0.017					
4/28/2010						0.0081	
5/3/2010	0.025						
9/28/2010			0.0036				
10/4/2010		0.011					
10/6/2010						0.0083	
10/12/2010	0.029						
4/12/2011			0.0084				
4/13/2011		0.026					
4/21/2011						0.0053	
4/27/2011	0.026						
10/4/2011			0.0066				
10/5/2011		0.021					
10/13/2011						0.0071	
10/17/2011	0.021						
4/3/2012			0.0625 (O)				
4/11/2012		0.0311					
5/1/2012						0.0067	
5/2/2012	0.0212						
10/8/2012	0.019						
10/9/2012		0.018	0.01			0.0055	
4/11/2013			0.021			0.0061	
4/12/2013	0.022						
4/15/2013		0.056					
10/15/2013		0.018					
10/16/2013	0.02		0.033			0.0062	
4/10/2014			0.021				
4/11/2014	0.018						
4/22/2014		0.035					
4/23/2014						0.0047	
9/30/2014	0.013	0.0041	0.0062				
10/4/2014						0.0055	
3/30/2015	0.021	0.036	0.011				

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						0.0076	
10/12/2015						0.0049	
10/13/2015	0.012	0.0048	0.0065				
3/14/2016					0.0234		
3/15/2016							0.0101
3/22/2016	0.0182						
3/23/2016		0.0271	0.0206			0.00742 (J)	
5/11/2016					0.00793 (J)		0.00992 (J)
5/16/2016				0.0113 (D)			
5/19/2016	0.0193		0.0109				
5/20/2016		0.0206					
5/23/2016						0.00532 (J)	
7/19/2016					0.0045 (J)		
7/21/2016							0.009 (J)
7/27/2016				0.0114 (D)			
7/29/2016	0.0174	0.0275	0.007 (J)			0.0053 (J)	
9/15/2016					0.0057 (J)		0.0109
9/22/2016			0.0071 (J)			0.0058 (J)	
9/23/2016	0.0168	0.0384					
11/2/2016					0.0043 (J)		
11/3/2016							0.0115
11/9/2016	0.0171	0.0266					
11/10/2016			0.0052 (J)			0.0051 (J)	
1/17/2017							0.0101
1/18/2017					<0.01 (*)		
1/30/2017	0.019						
1/31/2017		0.0094 (J)	0.0076 (J)			0.0054 (J)	
2/21/2017				0.0178			
3/24/2017							0.0086 (J)
3/27/2017				0.0162 (D)			
3/28/2017					0.0188		
3/30/2017	0.0184	0.0262				0.0049 (J)	
4/3/2017			0.007 (J)				
5/24/2017							0.0087 (J)
6/7/2017					0.0273		
6/8/2017				0.0156 (D)			
6/9/2017	0.0174		0.0074 (J)				
6/12/2017		0.0288				<0.01	
7/17/2017				0.016 (D)			
7/27/2017				0.0184			
8/9/2017				0.0162			
9/26/2017					0.0236		0.0075 (J)
9/29/2017				0.0159 (D)			
10/2/2017	0.0167	0.0048 (J)	0.0085 (J)				
10/4/2017						0.0047 (J)	
3/14/2018					0.027		0.0064 (J)
3/16/2018	0.016		0.015	0.016			
3/19/2018		0.037				0.0047 (J)	
9/12/2018					0.022		0.0075 (J)
9/14/2018		0.0059 (J)	0.0095 (J)	0.015			
9/17/2018	0.015 (D)					0.0041 (J)	
3/13/2019							0.0076 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				0.018			
3/15/2019					0.019		
3/19/2019			0.024				
3/20/2019	0.019	0.0072 (J)				0.0042 (J)	
9/9/2019					0.015		0.0078 (J)
9/12/2019	0.018	0.0058 (JD)					
9/13/2019			0.012			0.0042 (J)	
3/9/2020				0.017	0.0072 (J)		0.0088 (J)
3/11/2020	0.016	0.035	0.027			0.0041 (J)	
9/10/2020					0.0042 (J)		
9/11/2020							0.0079 (J)
9/15/2020	0.019	0.019	0.013				
9/16/2020				0.027			
3/10/2021							0.0083
3/12/2021					0.014		
3/16/2021	0.018		0.013	0.014			
3/17/2021		0.025					
3/29/2021						0.0073	
8/4/2021					0.011		0.008
8/6/2021				0.014			
8/9/2021	0.019	0.024	0.029			0.0073	
1/31/2022					0.013		0.0081
2/1/2022	0.015	0.026	0.024				
2/2/2022				0.013		0.0064	
8/10/2022					0.01		
8/12/2022							0.0076
8/16/2022	0.017	0.021	0.027	0.013		0.0067	
2/13/2023					0.018		0.0075
2/14/2023				0.014			
2/16/2023	0.018	0.029	0.028				
2/17/2023						0.0065	
7/25/2023				0.014			
7/26/2023					0.016		0.0081
7/27/2023	0.018	0.02	0.024				
8/1/2023						0.0074	
2/19/2024				0.015	0.013		0.0083
2/22/2024	0.018	0.021				0.0074	
2/26/2024			0.021				
8/1/2024				0.014	0.011		0.0073
8/6/2024			0.015				
8/7/2024	0.015	0.017					
8/8/2024						0.0068	
2/25/2025					0.019		0.0083
2/26/2025				0.016		0.0075	
2/27/2025	0.017	0.024	0.028				

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							0.098 (O)
4/23/2009							0.013
10/6/2009							0.011
4/27/2010							0.016
9/30/2010							0.013
4/14/2011							0.011
10/5/2011							0.015
4/11/2012							0.0102
10/2/2012							0.0091
4/9/2013							0.01
10/15/2013							0.0098
4/10/2014							0.011
10/1/2014							0.0033
3/30/2015							0.0043
10/11/2015							0.0038
3/11/2016			0.00639 (J)	0.0116	0.00819 (J)		
3/15/2016	0.0291	0.0462					
3/28/2016							0.0133
5/12/2016	0.0322						
5/13/2016		0.0265		0.0361	0.00756 (J)		
5/16/2016			0.00622 (J)				
5/23/2016							0.0109
7/19/2016				0.036	0.0079 (J)		
7/20/2016	0.0313						
7/21/2016		0.0243					
7/22/2016			0.0062 (J)				
8/1/2016							0.0058 (J)
9/15/2016	0.0217						
9/16/2016				0.0259	0.0078 (J)		
9/19/2016			0.0064 (J)				
9/21/2016		0.0145					
9/26/2016							0.0092 (J)
11/2/2016				0.037	0.0082 (J)		
11/3/2016	0.0272	0.0082 (J)	0.0058 (J)				
11/10/2016							0.0083 (J)
1/17/2017		0.007 (J)	0.0061 (J)				
1/18/2017	0.0286 (J)			0.0248	0.0085 (J)		
1/30/2017							0.0117
2/22/2017						0.0273	
3/24/2017	0.0307						
3/27/2017		0.016	0.0063 (J)				
3/28/2017				0.0222	0.0084 (J)		
4/7/2017						0.024	0.0109
6/6/2017	0.0242	0.0301		0.02	0.0078 (J)		
6/7/2017			0.0064 (J)				
6/12/2017							<0.01
6/14/2017						0.027 (D)	
7/12/2017						0.027 (D)	
7/20/2017						0.0304 (D)	
7/28/2017						0.0269	
8/9/2017						0.0254	
8/24/2017						0.0285	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				0.0179	0.0076 (J)		
9/25/2017	0.0252	0.0169					
9/26/2017			0.006 (J)				
10/2/2017							0.0122
10/3/2017						0.0294 (D)	
3/14/2018	0.021	0.036	0.0065 (J)	0.016			
3/15/2018					0.0092 (J)		
3/16/2018							0.0084 (J)
3/21/2018						0.03	
9/12/2018	0.025	0.021		0.017	0.008 (J)		
9/14/2018			0.0065 (J)				
9/17/2018							0.01
9/18/2018						0.032	
3/13/2019				0.014	0.0077 (J)		
3/14/2019	0.028	0.04	0.0066 (J)				
3/19/2019							0.012
3/21/2019						0.04 (D)	
9/10/2019	0.0195 (D)	0.031	0.0068 (J)				
9/11/2019				0.015	0.0079 (J)		
9/12/2019						0.034 (D)	
9/13/2019							0.0088 (J)
3/6/2020	0.022		0.0066 (J)				
3/9/2020		0.031		0.012	0.0069 (J)		
3/11/2020							0.0077 (J)
3/12/2020						0.053	
9/10/2020	0.024	0.031	0.0059 (J)				
9/11/2020				0.024			
9/14/2020					0.0075 (J)		
9/16/2020							0.0081 (J)
9/17/2020						0.036	
3/10/2021		0.023					
3/11/2021	0.024		0.0061	0.0096	0.0069		
3/16/2021						0.042	
3/17/2021							0.0074
8/4/2021	0.021	0.021	0.0061				
8/5/2021					0.0069		
8/6/2021				0.015			
8/9/2021							0.0071
8/10/2021						0.045	
1/31/2022	0.022	0.031	0.0063	0.014	0.0076		
2/1/2022							0.0065
2/3/2022						0.063	
8/10/2022			0.0063		0.0066		
8/11/2022	0.022	0.019		0.016			
8/16/2022							0.0072
8/17/2022						0.034	
2/13/2023	0.029	0.028	0.0061		0.0064		
2/14/2023				0.011			
2/16/2023							0.0067
2/17/2023						0.043	
7/25/2023	0.018	0.023		0.012	0.0073		
7/26/2023			0.0064				

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
7/28/2023						0.043	0.0075
2/19/2024	0.017	0.027					
2/20/2024			0.007	0.011	0.0074		
2/22/2024							0.0073
2/27/2024						0.046	
8/1/2024	0.014	0.044	0.0063				
8/2/2024				0.0099	0.0072		
8/8/2024						0.053	0.0073
2/25/2025	0.019	0.037	0.0071	0.01	0.0074		
2/27/2025							0.0074
2/28/2025						0.043	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		0.021	0.027	0.034	0.01	0.023	0.065
11/1/2007		0.017	0.024	0.036	0.012	0.034	0.019
11/18/2007				0.036	0.011		
11/19/2007						0.043	0.015
11/20/2007		0.1 (O)	0.022				
1/16/2008						0.13 (O)	
1/30/2008		0.035	0.033 (J)	0.031 (J)	0.013		
1/31/2008							0.022
3/5/2008				0.018		0.07 (o)	0.012
3/6/2008		0.042	0.019		0.017		
5/7/2008				0.015	0.0066		
5/8/2008			0.017				
5/12/2008		0.0087					0.014
5/13/2008						0.039	
12/12/2008	0.016						
12/13/2008		0.12 (O)				0.13 (O)	0.11 (O)
12/14/2008			0.02	0.12 (O)	0.013		
4/16/2009						0.13 (O)	
4/23/2009	0.14 (O)						
4/28/2009							0.12 (O)
4/29/2009		0.11 (O)	0.017	0.0079	0.0098		
10/6/2009	0.12 (O)						
10/20/2009		0.016					
10/21/2009			0.021			0.033	0.023
10/22/2009				0.007	0.013		
4/21/2010			0.019	0.0074	0.0069		
4/26/2010		0.016					
4/27/2010						0.11 (O)	
4/28/2010							0.019
5/3/2010	0.12 (O)						
9/28/2010			0.018	0.0068			
9/29/2010		0.016			0.0049		
10/5/2010						0.027	0.018
10/11/2010	0.019						
4/12/2011			0.017	0.0089			
4/13/2011		0.012			0.0074		
4/19/2011						0.025	0.019
4/27/2011	0.02						
10/4/2011			0.022	0.012	0.0062		
10/5/2011		0.014					
10/12/2011						0.025	
10/18/2011							0.025
10/19/2011	0.014						
4/3/2012			0.0212	0.0169			
4/4/2012		0.017			0.0091		
4/24/2012						0.027	
4/25/2012							0.024
5/1/2012	0.0199						
10/2/2012	0.015					0.013	0.019
10/3/2012		0.015		0.03	0.0089		
10/8/2012			0.019				
4/2/2013						0.031	0.021

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		0.018	0.021	0.008	0.012		
4/10/2013	0.016						
10/8/2013							0.027
10/9/2013				0.0093	0.0079	0.025	
10/15/2013		0.018	0.022				
10/16/2013	0.017						
4/1/2014						0.023	0.023
4/2/2014				0.031	0.0086		
4/9/2014		0.019	0.02				
4/22/2014	0.017						
10/1/2014	0.013						0.014
10/2/2014		0.016	0.023	0.035	0.01	0.025	
3/30/2015	0.014						
4/1/2015				0.013	0.019	0.025	0.027
4/2/2015		0.017	0.022				
10/10/2015		0.014					
10/11/2015	0.0093			0.0079	0.014		
10/12/2015			0.028				
10/14/2015						0.027	
10/15/2015							0.033
3/28/2016	0.0155						
3/31/2016		0.0179	0.0273				
4/4/2016				0.0119	0.0176	0.0285	0.027
5/25/2016	0.0143						
5/26/2016		0.0186	0.0305	0.0127	0.0195		
5/27/2016						0.0257	
5/31/2016							0.0283
8/1/2016	0.0129						
8/3/2016			0.0284	0.0121		0.0237	
8/4/2016					0.0151		0.0358
8/5/2016		0.0138					
9/26/2016	0.0177						
9/28/2016		0.0153	0.036	0.0112	0.0132		
9/29/2016							0.0437
9/30/2016						0.0279	
11/11/2016	0.0117						
11/22/2016		0.0184 (J)	0.0341 (J)	0.0155 (J)	0.0186 (J)	0.0286 (J)	
11/28/2016							0.0419 (J)
1/30/2017	0.0113						
2/7/2017		0.0215	0.0309				
2/8/2017				0.0115	0.015		
2/9/2017							0.0472
2/13/2017						0.0313	
4/3/2017	0.0166						
4/10/2017		0.0247	0.0235	<0.0117	0.0172		
4/11/2017						0.0254	
4/12/2017							0.0383
6/12/2017	0.017						
6/14/2017		0.0227	0.0258			0.0241	
6/15/2017				0.0112	0.0167		
6/16/2017							0.0457
10/2/2017	0.0157						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/4/2017		0.0172	0.0234	0.0093 (J)	0.0156	0.0256	
10/9/2017							0.0406
3/16/2018	0.012						
3/20/2018		0.021					
3/21/2018			0.022	0.012			0.032
3/22/2018					0.017	0.024	
9/18/2018	0.0099 (J)	0.02	0.03	0.011	0.017	0.025	
9/19/2018							0.034
3/19/2019	0.013						
3/22/2019		0.024	0.022				
3/23/2019				0.0081 (J)	0.019	0.024	0.023
9/12/2019	0.011						
9/17/2019		0.016	0.03	0.011	0.018	0.0245 (D)	
9/18/2019							0.033
3/11/2020	0.0095 (J)						
3/12/2020		0.026	0.028	0.0086 (J)	0.021	0.023	
3/13/2020							0.023
9/15/2020	0.0089 (J)						
9/17/2020		0.013	0.022				
9/21/2020				0.0093 (J)	0.016	0.023	
9/22/2020							0.027
3/17/2021	0.012						
3/18/2021		0.025	0.027				0.023
3/19/2021				0.011	0.021	0.024	
8/9/2021	0.0089						
8/10/2021		0.023					
8/11/2021			0.027	0.0086	0.021	0.025	0.025
2/2/2022	0.009					0.023	
2/4/2022		0.022	0.028	0.01	0.021		
2/17/2022							0.02
8/17/2022	0.0091	0.016					
8/18/2022			0.025	0.0078	0.019	0.022	0.021
2/16/2023	0.0081						
2/20/2023		0.02	0.024	0.0071	0.02		
2/21/2023						0.023	
2/22/2023							0.022
7/28/2023	0.0079						
7/31/2023		0.015	0.024				
8/1/2023				0.0096	0.018	0.022	0.026
2/22/2024	0.008						
2/27/2024		0.024	0.028			0.023	0.025
2/28/2024				0.01	0.02		
8/8/2024	0.0079						
8/12/2024		0.014	0.029		0.019	0.024	0.026
8/13/2024				0.0068			
2/28/2025	0.0081	0.024					
3/3/2025			0.025		0.021		0.025
3/4/2025				0.01		0.023	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	0.0095						
8/23/2007			0.015				
8/24/2007		0.0089		0.017			
11/1/2007	0.02						
11/2/2007		0.0091	0.024	0.011			
11/17/2007		0.021	0.027				
11/18/2007				0.012 (J)			
11/19/2007	0.023						
1/15/2008		0.013	0.022	0.088 (O)			
1/31/2008	0.028						
3/5/2008	0.022	0.11 (O)					
3/6/2008			0.021				
3/10/2008				0.0077			
5/7/2008	0.019	0.01	0.023				
5/13/2008				0.0055			
12/2/2008		0.12 (O)	0.024	0.0097			
12/12/2008	0.19 (O)						
4/16/2009		0.13 (O)					
4/28/2009			0.031	0.0042			
4/29/2009	0.14 (O)						
10/19/2009			0.027				
10/20/2009		0.05		0.0056			
10/21/2009	0.034						
4/20/2010		0.019					
4/27/2010			0.051 (O)	0.0039			
4/28/2010	0.11 (O)						
9/29/2010		0.017					
10/4/2010			0.028				
10/5/2010				0.0047			
10/6/2010	0.018						
4/12/2011		0.014					
4/18/2011			0.026				
4/19/2011				0.0071			
4/20/2011	0.015						
10/4/2011		0.017					
10/12/2011	0.019		0.026	0.0098			
4/4/2012		0.0182					
4/23/2012			0.0224				
4/25/2012	0.0158			0.0088			
10/2/2012	0.036						
10/10/2012		0.048	0.024	0.0093			
4/2/2013	0.039						
4/15/2013		0.03	0.029				
4/16/2013				0.0098			
10/8/2013	0.016						
10/22/2013		0.033	0.022	0.0097			
4/1/2014	0.017						
4/21/2014		0.033	0.025	0.008			
9/30/2014		0.027	0.022	0.0074			
10/1/2014	0.018						
3/31/2015	0.021						
4/3/2015		0.13 (O)	0.022	0.0076			

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				0.0088			
10/7/2015		0.047	0.023				
10/14/2015	0.013						
3/16/2016					0.0545	0.00599 (J)	0.0244
4/4/2016	0.0222						
4/5/2016		0.0279	0.0308	0.00971 (J)			
5/16/2016					0.0418	0.006 (J)	0.0222
5/31/2016			0.0255	0.00589 (J)			
6/1/2016	0.0283	0.0249					
7/25/2016					0.0179	0.0056 (J)	0.02
8/4/2016			0.0227				
8/9/2016		0.0268					
9/19/2016					0.0152	0.0059 (J)	0.019
9/29/2016			0.0258				
11/3/2016					0.0127		0.0177
11/4/2016						0.0054 (J)	
11/23/2016			0.0263 (J)	<0.05			
11/28/2016		<0.01					
1/19/2017					0.0172		
1/20/2017							0.0173
1/23/2017						0.006 (J)	
2/9/2017		0.0119					
2/10/2017			0.025	0.0233			
2/22/2017	0.0561						
3/28/2017					0.0437		
3/29/2017						0.0058 (J)	0.0184
4/11/2017	0.0748	0.0112 (D)		0.0162			
4/12/2017			0.026				
6/5/2017					0.0747		
6/7/2017						0.0062 (J)	0.019
6/14/2017		<0.01					
6/15/2017			0.0244	0.0148			
6/16/2017	0.0661						
7/12/2017	0.0932	0.0105		0.0166			
7/26/2017				0.0146			
7/28/2017	0.0808						
8/10/2017	0.0743						
9/26/2017					0.0338		
9/27/2017						0.0056 (J)	0.0197
10/5/2017		0.0099 (J)					
10/6/2017	0.0699		0.0254	0.015			
12/28/2017	0.082 (Y)						
3/15/2018					0.059	0.0057 (J)	0.021
3/22/2018		0.011					
3/23/2018	0.086		0.021	0.013			
9/12/2018					0.032		
9/13/2018						0.0057 (J)	0.022
9/19/2018		0.013	0.02	0.015			
9/20/2018	0.093						
3/14/2019					0.077	0.0066 (J)	0.024
3/22/2019	0.086	0.014		0.014			
3/25/2019			0.021				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/11/2019					0.036	0.0061 (J)	0.021
9/17/2019		0.015	0.023	0.014			
9/18/2019	0.097						
3/10/2020					0.059	0.0061 (J)	0.024
3/13/2020		0.017	0.02	0.014			
3/17/2020	0.097						
9/11/2020						0.006 (J)	0.021
9/15/2020					0.035		
9/21/2020		0.013	0.021	0.013			
9/22/2020	0.095						
3/11/2021					0.046	0.0059	0.022
3/18/2021		0.014	0.02	0.012			
3/19/2021	0.086						
8/4/2021					0.047		
8/6/2021						0.0061	0.023
8/11/2021		0.016	0.019	0.013			
8/12/2021	0.094						
1/31/2022					0.047		
2/1/2022						0.0072	0.026
2/4/2022	0.11	0.014	0.017				
2/7/2022				0.012			
8/12/2022						0.0064	0.022
8/15/2022					0.04		
8/18/2022		0.014					
8/19/2022	0.1		0.016	0.011			
2/14/2023					0.042	0.0067	0.025
2/22/2023	0.099	0.014	0.016	0.01			
7/26/2023					0.02	0.007	0.022
8/1/2023		0.013		0.011			
8/2/2023	0.092		0.015				
2/20/2024					0.033	0.0078	0.02
2/28/2024	0.097	0.012	0.014	0.01			
8/5/2024						0.0064	0.02
8/6/2024					0.013		
8/13/2024	0.087	0.013	0.012	0.01			
2/26/2025					0.03	0.0069	0.02
3/3/2025		0.014	0.013	0.011			
3/4/2025	0.095						

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							0.017
10/25/2007							0.023
11/19/2007							0.024
1/23/2008							0.028
3/11/2008							0.022
5/12/2008							0.021
12/11/2008							0.022
4/15/2009							0.13 (O)
10/9/2009							0.026
5/4/2010							0.018
10/12/2010							0.019
4/28/2011							0.015
10/19/2011							0.016
5/2/2012							0.0191
10/9/2012							0.019
4/11/2013							0.013
10/16/2013							0.017
4/23/2014							0.015
10/3/2014							0.02
3/31/2015							0.014
10/12/2015							0.017
3/10/2016	0.0209	0.0144	0.0344	0.0361			
3/17/2016					0.0112	0.0121	
3/28/2016							0.0173
5/17/2016	0.0202			0.0277			
5/18/2016		0.0136	0.0184		0.0107	0.0117	
5/25/2016							0.0175
7/26/2016	0.0165						
7/27/2016		0.013	0.0146	0.0276	0.0104		
7/28/2016						0.0081 (J)	
8/1/2016							0.0145
9/20/2016	0.0132	0.0146	0.0122	0.0266			
9/21/2016					0.0106	0.0106	
9/27/2016							0.0139
11/4/2016	0.012		0.0119	0.0239	0.0098 (J)		
11/7/2016		0.0124				0.0047 (J)	
11/11/2016							0.0135
1/20/2017	0.0133		0.0114				
1/23/2017		0.0158		<0.01			
1/24/2017					0.0101	0.0071 (J)	
1/31/2017							0.0153
3/28/2017	0.0161			0.024			
3/29/2017		0.017	0.0116		0.0103		
3/30/2017						0.0043 (J)	
4/3/2017							0.0135
6/7/2017	0.0141						
6/8/2017		0.0149	<0.011 (*)	0.0317	<0.0106 (*)		
6/9/2017						<0.01 (*)	
6/12/2017							0.0154
9/27/2017		0.012	0.0098 (J)				
9/29/2017	0.0151			0.0265	0.0097 (J)	0.004 (J)	
10/3/2017							0.0138

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/15/2018	0.015	0.011		0.029	0.0093 (J)	0.0032 (J)	
3/16/2018			0.01				
3/19/2018							0.013
9/13/2018	0.014	0.011	0.0092 (J)	0.026	0.01		
9/14/2018						0.004 (J)	
9/17/2018							0.014
3/15/2019		0.01		0.026			
3/18/2019	0.014				0.015		
3/19/2019			0.0088 (J)			0.0033 (J)	
3/20/2019							0.018
9/11/2019	0.013		0.0097 (J)	0.0295 (D)	0.017	0.0038 (J)	
9/12/2019		0.0085 (J)					
9/16/2019							0.022
3/9/2020		0.0089 (J)	0.0082 (J)	0.029		0.0045 (J)	
3/10/2020	0.013						
3/11/2020					0.026		
3/16/2020							0.024
9/11/2020					0.012		
9/14/2020	0.013	0.0082 (J)		0.035		0.0027 (J)	
9/15/2020			0.0084 (J)				
9/16/2020							0.013
3/11/2021	0.012	0.0083	0.0073	0.038			
3/15/2021					0.012	0.0028 (J)	
3/17/2021							0.014
5/26/2021				0.039			
8/4/2021				0.034			
8/5/2021	0.013	0.0077	0.0069			0.0036 (J)	
8/9/2021							0.012
8/11/2021					0.025		
1/31/2022	0.011			0.038			
2/1/2022		0.0081	0.0077		0.011	0.003 (J)	
2/2/2022							0.012
8/15/2022	0.0098	0.0074	0.0077	0.045	0.0098	0.0041 (J)	
8/16/2022							0.013
2/14/2023	0.011	0.0075	0.0072	0.04	0.013	0.0041 (J)	
2/20/2023							0.012
7/26/2023	0.011			0.048			
7/27/2023		0.0083	0.0076		0.011	0.0036 (J)	
7/28/2023							0.012
2/21/2024	0.011	0.0087	0.0075	0.049	0.011	0.004 (J)	
2/26/2024							0.012
8/5/2024	0.01	0.0083	0.0076	0.045			
8/6/2024					0.01	0.0044 (J)	
8/8/2024							0.012
2/26/2025	0.012	0.009	0.0084	0.055	0.011	0.0045 (J)	
2/27/2025							0.013

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	0.023					
8/23/2007						0.043
10/25/2007	0.018					
11/1/2007						0.032
11/19/2007						0.049 (J)
11/20/2007	0.1 (O)					
1/15/2008						0.12 (O)
1/23/2008	0.031					
3/6/2008						0.075 (O)
3/11/2008	0.016					
5/13/2008						0.055
5/14/2008	0.024					
12/11/2008	0.022					
12/12/2008						0.16 (O)
4/16/2009						0.15 (O)
4/23/2009	0.012					
10/9/2009	0.11 (O)					
10/13/2009						0.05
4/21/2010						0.039
5/4/2010	0.096 (O)					
9/29/2010						0.033
10/11/2010	0.018					
4/13/2011						0.033
4/26/2011	0.01					
10/5/2011						0.035
10/18/2011	0.012			0.015		
4/4/2012						0.0422
4/30/2012				0.0192		
5/2/2012	0.0119					
10/3/2012				0.017		
10/8/2012	0.01					0.029
4/8/2013				0.018		0.042
4/10/2013	0.013					
10/8/2013	0.014					
10/9/2013				0.021		0.04
4/9/2014						0.038
4/10/2014				0.019		
4/14/2014	0.01					
9/30/2014						0.038
10/2/2014				0.014		
10/3/2014	0.014					
4/1/2015	0.013					
4/2/2015						0.039
4/3/2015				0.014		
5/26/2015		0.016			0.06	
6/18/2015		0.015 (D)			0.047 (D)	
7/2/2015		0.014			0.04	
10/8/2015				0.024	0.032	
10/9/2015	0.008	0.012				
10/10/2015						0.038 (D)
3/22/2016					0.0263	
3/29/2016	0.00738 (J)	0.00786 (J)				

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				0.0163		0.0412
5/24/2016	0.00902 (J)	0.00847 (J)		0.0137		
5/25/2016					0.0178	
5/26/2016						0.0357
5/31/2016			0.0178			
8/1/2016	0.0091 (J)	0.0086 (J)				
8/2/2016			0.0394	0.0152	0.0265	
8/5/2016						0.03
9/26/2016	0.0124	0.0086 (J)			0.0267	
9/27/2016			0.032	0.0147		
9/28/2016						0.0308
11/14/2016		0.0083 (J)				
11/18/2016	0.0117					
11/21/2016			0.0316 (J)		0.0309 (J)	0.0356 (J)
11/22/2016				0.0174 (J)		
2/1/2017	0.0086 (J)	0.0096 (J)	0.0264			
2/3/2017					0.0289	
2/6/2017				0.0144		0.0391
4/6/2017	0.0083 (J)	0.0087 (J)	0.0245	0.0149		0.0402
4/7/2017					0.029	
6/13/2017	<0.01	<0.01	0.0247		0.027	0.0394
6/14/2017				0.0139		
7/14/2017			0.0245			
10/3/2017	0.0084 (J)	0.0098 (J)	0.0218		0.0292	0.0381
10/4/2017				0.015		
3/19/2018	0.0079 (J)					
3/20/2018		0.0088 (J)	0.024		0.029	0.039
3/21/2018				0.015		
9/17/2018	0.0065 (J)	0.0082 (J)				
9/18/2018			0.027	0.014	0.025	0.037
3/21/2019	0.0074 (J)	0.0075 (J)	0.03			0.042
3/27/2019				0.014		
5/6/2019					0.017	
9/13/2019			0.031			
9/16/2019	0.0075 (J)	0.0072 (J)		0.015 (D)	0.026	0.035
3/12/2020	0.0075 (J)	0.0072 (J)	0.022	0.014		0.044
3/16/2020					0.027	
9/16/2020	0.0074 (J)	0.0066 (J)	0.02			
9/17/2020				0.014	0.025	0.031
3/17/2021	0.0075	0.0072	0.022	0.014		
3/18/2021					0.018	0.041
8/10/2021	0.0074	0.0072	0.02	0.014	0.029	0.043
2/2/2022	0.0064	0.0066	0.015	0.013	0.024	0.044
8/17/2022	0.0065	0.0068	0.014	0.013	0.017	0.047
2/17/2023	0.0067	0.0067				
2/20/2023			0.015		0.024	
2/21/2023				0.011		0.042
7/28/2023		0.0062				
7/31/2023	0.0067		0.014	0.012	0.024	0.046
2/26/2024	0.006	0.0067	0.013		0.025	
2/27/2024				0.013		0.043
8/8/2024	0.0064	0.0058	0.011			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/12/2024				0.013	0.026	0.039
2/27/2025	0.0066	0.0068	0.01			
2/28/2025					0.023	0.05
3/4/2025				0.013		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
9/30/2014	<0.003	<0.003	<0.003				
10/4/2014						<0.003	
3/30/2015	0.00029 (J)	<0.003	<0.003				
3/31/2015						<0.003	
10/12/2015						<0.003	
10/13/2015	<0.003	<0.003	<0.003				
3/14/2016					<0.003		
3/15/2016							<0.003
3/22/2016	<0.003						
3/23/2016		<0.003	<0.003			<0.003	
5/11/2016					<0.003		<0.003
5/16/2016				<0.003 (D)			
5/19/2016	<0.003		<0.003				
5/20/2016		<0.003					
5/23/2016						<0.003	
7/19/2016					<0.003		
7/21/2016							<0.003
7/27/2016				0.0004 (JD)			
7/29/2016	<0.003	<0.003	<0.003			<0.003	
9/15/2016					<0.003		<0.003
9/22/2016			<0.003			<0.003	
9/23/2016	<0.003	<0.003					
11/2/2016					<0.003		
11/3/2016							<0.003
11/9/2016	<0.003	<0.003					
11/10/2016			<0.003			<0.003	
1/17/2017							<0.003
1/18/2017					<0.003		
1/30/2017	<0.003						
1/31/2017		<0.003	<0.003			<0.003	
2/21/2017				<0.003			
3/24/2017							<0.003
3/27/2017				<0.003 (D)			
3/28/2017					<0.003		
3/30/2017	<0.003	<0.003				<0.003	
4/3/2017			<0.003				
5/24/2017							<0.003
6/7/2017					<0.003		
6/8/2017				<0.003 (D)			
6/9/2017	<0.003		<0.003				
6/12/2017		<0.003				<0.003	
7/17/2017				<0.003 (D)			
7/27/2017				<0.003			
8/9/2017				<0.003			
9/26/2017					<0.003		<0.003
9/29/2017				<0.003 (D)			
10/2/2017	<0.003	<0.003	<0.003				
10/4/2017						<0.003	
3/14/2018					<0.003		<0.003
3/16/2018	<0.003		<0.003	<0.003			
3/19/2018		<0.003				<0.003	
9/12/2018					<0.003		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
9/14/2018		<0.003	<0.003	<0.003			
9/17/2018	<0.003 (D)					<0.003	
3/13/2019							<0.003
3/14/2019				<0.003			
3/15/2019					<0.003		
3/19/2019			<0.003				
3/20/2019	<0.003	<0.003				<0.003	
9/9/2019					<0.003		<0.003
9/12/2019	<0.003	<0.003 (D)					
9/13/2019			<0.003			<0.003	
3/9/2020				<0.003	<0.003		<0.003
3/11/2020	<0.003	<0.003	<0.003			<0.003	
9/10/2020					<0.003		
9/11/2020							<0.003
9/15/2020	<0.003	<0.003	<0.003				
9/16/2020				<0.003			
3/10/2021							<0.003
3/12/2021					<0.003		
3/16/2021	<0.003		<0.003	<0.003			
3/17/2021		<0.003					
3/29/2021						<0.003	
8/4/2021					<0.003		<0.003
8/6/2021				<0.003			
8/9/2021	<0.003	<0.003	<0.003			<0.003	
1/31/2022					<0.003		<0.003
2/1/2022	<0.003	<0.003	<0.003				
2/2/2022				<0.003		<0.003	
8/10/2022					<0.003		
8/12/2022							<0.003
8/16/2022	<0.003	<0.003	<0.003	<0.003		<0.003	
2/13/2023					<0.003		<0.003
2/14/2023				<0.003			
2/16/2023	<0.003	<0.003	<0.003				
2/17/2023						<0.003	
7/25/2023				<0.003			
7/26/2023					<0.003		<0.003
7/27/2023	<0.003	<0.003	<0.003				
8/1/2023						<0.003	
2/19/2024				<0.003	<0.003		<0.003
2/22/2024	<0.003	<0.003				<0.003	
2/26/2024			<0.003				
8/1/2024				<0.003	<0.003		<0.003
8/6/2024			<0.003				
8/7/2024	<0.003	<0.003					
8/8/2024						<0.003	
2/25/2025					<0.003		<0.003
2/26/2025				<0.003		<0.003	
2/27/2025	<0.003	<0.003	<0.003				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
10/1/2014							<0.003
3/30/2015							<0.003
10/11/2015							<0.003
3/11/2016			<0.003	<0.003	<0.003		
3/15/2016	<0.003	<0.003					
3/28/2016							<0.003
5/12/2016	<0.003						
5/13/2016		<0.003		<0.003	<0.003		
5/16/2016			<0.003				
5/23/2016							<0.003
7/19/2016				<0.003	<0.003		
7/20/2016	<0.003						
7/21/2016		<0.003					
7/22/2016			0.0002 (J)				
8/1/2016							<0.003
9/15/2016	<0.003						
9/16/2016				<0.003	<0.003		
9/19/2016			0.0001 (J)				
9/21/2016		<0.003					
9/26/2016							<0.003
11/2/2016				<0.003	<0.003		
11/3/2016	<0.003	<0.003	0.0002 (J)				
11/10/2016							<0.003
1/17/2017		<0.003	0.0001 (J)				
1/18/2017	<0.003			<0.003	<0.003		
1/30/2017							<0.003
2/22/2017						<0.003	
3/24/2017	<0.003						
3/27/2017		<0.003	0.0001 (J)				
3/28/2017				<0.003	<0.003		
4/7/2017						<0.003	<0.003
6/6/2017	<0.003	<0.003		<0.003	<0.003		
6/7/2017			0.0001 (J)				
6/12/2017							<0.003
6/14/2017						<0.003 (D)	
7/12/2017						<0.003 (D)	
7/20/2017						<0.003 (D)	
7/28/2017						<0.003	
8/9/2017						<0.003	
8/24/2017						<0.003	
9/22/2017				<0.003	<0.003		
9/25/2017	<0.003	<0.003					
9/26/2017			0.0001 (J)				
10/2/2017							<0.003
10/3/2017						<0.003 (D)	
3/14/2018	<0.003	<0.003	0.00014 (J)	<0.003			
3/15/2018					5.1E-05 (J)		
3/16/2018							<0.003
3/21/2018						<0.003	
9/12/2018	<0.003	<0.003		<0.003	<0.003		
9/14/2018			0.00012 (J)				
9/17/2018							<0.003

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/18/2018						<0.003	
3/13/2019				<0.003	<0.003		
3/14/2019	<0.003	5.2E-05 (J)	0.00017 (J)				
3/19/2019							<0.003
3/21/2019						<0.003 (D)	
9/10/2019	<0.003 (D)	<0.003	0.00015 (J)				
9/11/2019				<0.003	<0.003		
9/12/2019						<0.003 (D)	
9/13/2019							<0.003
3/6/2020	<0.003		0.00017 (J)				
3/9/2020		<0.003		<0.003	<0.003		
3/11/2020							<0.003
3/12/2020						<0.003	
9/10/2020	<0.003	<0.003	0.00014 (J)				
9/11/2020				6.9E-05 (J)			
9/14/2020					<0.003		
9/16/2020							<0.003
9/17/2020						<0.003	
3/10/2021		<0.003					
3/11/2021	<0.003		0.00015 (J)	<0.003	<0.003		
3/16/2021						<0.003	
3/17/2021							<0.003
8/4/2021	<0.003	<0.003	0.00012 (J)				
8/5/2021					<0.003		
8/6/2021				<0.003			
8/9/2021							<0.003
8/10/2021						<0.003	
1/31/2022	<0.003	<0.003	0.00014 (J)	<0.003	<0.003		
2/1/2022							<0.003
2/3/2022						<0.003	
8/10/2022			0.00016 (J)		<0.003		
8/11/2022	<0.003	<0.003		7.6E-05 (J)			
8/16/2022							<0.003
8/17/2022						<0.003	
2/13/2023	<0.003	<0.003	0.00015 (J)		<0.003		
2/14/2023				<0.003			
2/16/2023							<0.003
2/17/2023						<0.003	
7/25/2023	<0.003	<0.003		<0.003	<0.003		
7/26/2023			0.00019 (J)				
7/28/2023						<0.003	<0.003
2/19/2024	<0.003	<0.003					
2/20/2024			0.00014 (J)	<0.003	<0.003		
2/22/2024							<0.003
2/27/2024						<0.003	
8/1/2024	<0.003	<0.003	0.00014 (J)				
8/2/2024				<0.003	<0.003		
8/8/2024						<0.003	<0.003
2/25/2025	<0.003	<0.003	<0.003	<0.003	<0.003		
2/27/2025							<0.003
2/28/2025						<0.003	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/1/2014	<0.003						<0.003
10/2/2014		<0.003	<0.003	<0.003	<0.003	<0.003	
3/30/2015	0.0002 (J)						
4/1/2015				<0.003	<0.003	<0.003	0.00022 (J)
4/2/2015		0.00015 (J)	<0.003				
10/10/2015		8.5E-05 (J)					
10/11/2015	<0.003			<0.003	<0.003		
10/12/2015			<0.003				
10/14/2015						<0.003	
10/15/2015							0.00018 (J)
3/28/2016	<0.003						
3/31/2016		<0.003	<0.003				
4/4/2016				<0.003	<0.003	<0.003	<0.003
5/25/2016	<0.003						
5/26/2016		<0.003	<0.003	<0.003	<0.003		
5/27/2016						<0.003	
5/31/2016							<0.003
8/1/2016	<0.003						
8/3/2016			<0.003	<0.003		<0.003	
8/4/2016					<0.003		<0.003
8/5/2016		<0.003					
9/26/2016	<0.003						
9/28/2016		<0.003	<0.003	<0.003	<0.003		
9/29/2016							9E-05 (J)
9/30/2016						<0.003	
11/11/2016	<0.003						
11/22/2016		<0.003	<0.003	<0.003	<0.003	<0.003	
11/28/2016							<0.003
1/30/2017	<0.003						
2/7/2017		<0.003	<0.003				
2/8/2017				<0.003	<0.003		
2/9/2017							<0.003
2/13/2017						<0.003	
4/3/2017	<0.003						
4/10/2017		<0.003	<0.003	<0.003	<0.003		
4/11/2017						<0.003	
4/12/2017							0.0001 (J)
6/12/2017	<0.003						
6/14/2017		<0.003	<0.003			<0.003	
6/15/2017				<0.003	<0.003		
6/16/2017							9E-05 (J)
10/2/2017	<0.003						
10/4/2017		<0.003	<0.003	<0.003	<0.003	<0.003	
10/9/2017							<0.003
3/16/2018	<0.003						
3/20/2018		0.00019 (J)					
3/21/2018			<0.003	<0.003			<0.003
3/22/2018					<0.003	<0.003	
9/18/2018	<0.003	5.4E-05 (J)	<0.003	<0.003	<0.003	<0.003	
9/19/2018							7E-05 (J)
3/19/2019	<0.003						
3/22/2019		0.00018 (J)	<0.003				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/23/2019				5.7E-05 (J)	<0.003	<0.003	6.1E-05 (J)
9/12/2019	<0.003						
9/17/2019		<0.003	<0.003	<0.003	<0.003	<0.003 (D)	
9/18/2019							7.4E-05 (J)
3/11/2020	<0.003						
3/12/2020		0.00017 (J)	<0.003	<0.003	<0.003	<0.003	
3/13/2020							8E-05 (J)
9/15/2020	8.5E-05 (J)						
9/17/2020		<0.003	<0.003				
9/21/2020				<0.003	<0.003	<0.003	
9/22/2020							<0.003
3/17/2021	<0.003						
3/18/2021		0.0001 (J)	<0.003				7E-05 (J)
3/19/2021				<0.003	<0.003	<0.003	
8/9/2021	<0.003						
8/10/2021		9.4E-05 (J)					
8/11/2021			<0.003	<0.003	<0.003	<0.003	7.4E-05 (J)
2/2/2022	5.5E-05 (J)					<0.003	
2/4/2022		0.00021 (J)	<0.003	<0.003	<0.003		
2/17/2022							8.9E-05 (J)
8/17/2022	<0.003	7E-05 (J)					
8/18/2022			<0.003	<0.003	<0.003	<0.003	<0.003
2/16/2023	<0.003						
2/20/2023		0.0003 (J)	<0.003	<0.003	<0.003		
2/21/2023						<0.003	
2/22/2023							<0.003
7/28/2023	<0.003						
7/31/2023		8.3E-05 (J)	<0.003				
8/1/2023				<0.003	<0.003	<0.003	<0.003
2/22/2024	<0.003						
2/27/2024		0.00014 (J)	<0.003			<0.003	<0.003
2/28/2024				<0.003	<0.003		
8/8/2024	<0.003						
8/12/2024		<0.003	<0.003		<0.003	<0.003	<0.003
8/13/2024				<0.003			
2/28/2025	<0.003	<0.003					
3/3/2025			<0.003		<0.003		<0.003
3/4/2025				<0.003		<0.003	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/30/2014		<0.003	<0.003	<0.003			
10/1/2014	<0.003						
3/31/2015	<0.003						
4/3/2015		<0.003	<0.003	<0.003			
10/6/2015				<0.003			
10/7/2015		<0.003	<0.003				
10/14/2015	<0.003						
3/16/2016					<0.003	<0.003	<0.003
4/4/2016	<0.003						
4/5/2016		<0.003	<0.003	<0.003			
5/16/2016					<0.003	<0.003 (D)	<0.003 (D)
5/31/2016			<0.003	<0.003			
6/1/2016	<0.003 (D)	<0.003					
7/25/2016					<0.003	<0.003 (D)	<0.003 (D)
8/4/2016			<0.003				
8/9/2016		<0.003					
9/19/2016					<0.003	<0.003 (D)	<0.003 (D)
9/29/2016			<0.003				
11/3/2016					<0.003		<0.003 (D)
11/4/2016						<0.003 (D)	
11/23/2016			<0.003	<0.003			
11/28/2016		<0.003					
1/19/2017					<0.003		
1/20/2017							<0.003 (D)
1/23/2017						<0.003 (D)	
2/9/2017		0.0001 (J)					
2/10/2017			<0.003	<0.003			
2/22/2017	<0.003						
3/28/2017					8E-05 (J)		
3/29/2017						<0.003 (D)	<0.003 (D)
4/11/2017	<0.003	<0.003		<0.003			
4/12/2017			<0.003				
6/5/2017					9E-05 (J)		
6/7/2017						<0.003	<0.003
6/14/2017		<0.003					
6/15/2017			<0.003	<0.003			
6/16/2017	<0.003						
7/12/2017	<0.003	<0.003		<0.003			
7/26/2017				<0.003			
7/28/2017	<0.003						
8/10/2017	<0.003						
9/26/2017					<0.003		
9/27/2017						<0.003	<0.003
10/5/2017		<0.003					
10/6/2017	<0.003		<0.003	<0.003			
3/15/2018					7.7E-05 (J)	<0.003	<0.003
3/22/2018		0.00203 (JD)					
3/23/2018	<0.003		<0.003	<0.003			
9/12/2018					<0.003		
9/13/2018						<0.003	<0.003
9/19/2018		0.00014 (J)	<0.003	<0.003			
9/20/2018	<0.003						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/14/2019					7.8E-05 (J)	<0.003 (D)	<0.003 (D)
3/22/2019	<0.003	9.4E-05 (J)		<0.003			
3/25/2019			<0.003				
9/11/2019					<0.003	<0.003 (D)	<0.003 (D)
9/17/2019		0.00013 (X)	<0.003	<0.003			
9/18/2019	<0.003						
3/10/2020					7.4E-05 (J)	<0.003	<0.003
3/13/2020		0.00016 (J)	<0.003	<0.003			
3/17/2020	<0.003						
9/11/2020						<0.003	5.6E-05 (J)
9/15/2020					5.7E-05 (J)		
9/21/2020		9.5E-05 (J)	<0.003	<0.003			
9/22/2020	<0.003						
3/11/2021					6.4E-05 (J)	<0.003	<0.003
3/18/2021		0.00012 (J)	<0.003	<0.003			
3/19/2021	<0.003						
8/4/2021					6.7E-05 (J)		
8/6/2021						<0.003	<0.003
8/11/2021		0.00011 (J)	<0.003	<0.003			
8/12/2021	<0.003						
1/31/2022					6.5E-05 (J)		
2/1/2022						<0.003	<0.003
2/4/2022	<0.003	0.00011 (J)	<0.003				
2/7/2022				<0.003			
8/12/2022						<0.003	<0.003
8/15/2022					5.7E-05 (J)		
8/18/2022		0.00011 (J)					
8/19/2022	<0.003		<0.003	<0.003			
2/14/2023					6.2E-05 (J)	<0.003	<0.003
2/22/2023	<0.003	9.4E-05 (J)	<0.003	<0.003			
7/26/2023					5.7E-05 (J)	<0.003	<0.003
8/1/2023		9.4E-05 (J)		<0.003			
8/2/2023	<0.003		<0.003				
2/20/2024					<0.003	<0.003	<0.003
2/28/2024	<0.003	9.9E-05 (J)	<0.003	<0.003			
8/5/2024						<0.003	<0.003
8/6/2024					<0.003		
8/13/2024	<0.003	0.00011 (J)	<0.003	<0.003			
2/26/2025					<0.003	<0.003	<0.003
3/3/2025		<0.003	<0.003	<0.003			
3/4/2025	<0.003						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
10/3/2014							0.00073 (J)
3/31/2015							0.00057 (J)
10/12/2015							0.00054 (J)
3/10/2016	<0.003	<0.003	<0.003	<0.003			
3/17/2016					<0.003	<0.003	
3/28/2016							<0.003
5/17/2016	<0.003			<0.003			
5/18/2016		<0.003	<0.003		<0.003	<0.003	
5/25/2016							<0.003
7/26/2016	<0.003						
7/27/2016		<0.003	<0.003	0.0002 (J)	<0.003		
7/28/2016						<0.003	
8/1/2016							0.0006 (J)
9/20/2016	<0.003	<0.003	<0.003	0.0002 (J)			
9/21/2016					<0.003	<0.003	
9/27/2016							0.0007 (J)
11/4/2016	<0.003		<0.003	0.0002 (J)	<0.003		
11/7/2016		<0.003				<0.003	
11/11/2016							0.0007 (J)
1/20/2017	<0.003		<0.003				
1/23/2017		<0.003		<0.003			
1/24/2017					<0.003	<0.003	
1/31/2017							0.0007 (J)
3/28/2017	<0.003			0.0002 (J)			
3/29/2017		<0.003	<0.003		<0.003		
3/30/2017						<0.003	
4/3/2017							0.0007 (J)
6/7/2017	<0.003						
6/8/2017		<0.003	<0.003	0.0002 (J)	<0.003		
6/9/2017						<0.003	
6/12/2017							0.0004 (J)
9/27/2017		<0.003	<0.003				
9/29/2017	<0.003			0.0002 (J)	<0.003	<0.003	
10/3/2017							0.0006 (J)
3/15/2018	<0.003	<0.003		0.00025 (J)	<0.003	<0.003	
3/16/2018			<0.003				
3/19/2018							0.0005 (J)
9/13/2018	<0.003	<0.003	<0.003	0.00026 (J)	<0.003		
9/14/2018						<0.003	
9/17/2018							0.00053 (J)
3/15/2019		<0.003		0.00022 (J)			
3/18/2019	<0.003				<0.003		
3/19/2019			<0.003			<0.003	
3/20/2019							0.00046 (J)
9/11/2019	<0.003		<0.003	0.0003 (JD)	<0.003	<0.003	
9/12/2019		<0.003					
9/16/2019							0.00051 (J)
3/9/2020		<0.003	<0.003	0.00028 (J)		<0.003	
3/10/2020	<0.003						
3/11/2020					<0.003		
3/16/2020							0.00048 (J)
9/11/2020					<0.003		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
9/14/2020	<0.003	<0.003		0.00033 (J)		<0.003	
9/15/2020			<0.003				
9/16/2020							0.00069 (J)
3/11/2021	<0.003	<0.003	<0.003	0.00033 (J)			
3/15/2021					<0.003	<0.003	
3/17/2021							0.00061
8/4/2021				0.00031 (J)			
8/5/2021	<0.003	<0.003	<0.003			<0.003	
8/9/2021							0.00069
8/11/2021					<0.003		
1/31/2022	<0.003			0.00036 (J)			
2/1/2022		<0.003	<0.003		<0.003	<0.003	
2/2/2022							0.00075
4/28/2022							0.00078
8/15/2022	<0.003	<0.003	6.5E-05 (J)	0.00037 (J)	<0.003	<0.003	
8/16/2022							0.0006
2/14/2023	<0.003	<0.003	<0.003	0.00038 (J)	<0.003	<0.003	
2/20/2023							0.0006
7/26/2023	<0.003			0.00048 (J)			
7/27/2023		5.9E-05 (J)	<0.003		<0.003	<0.003	
7/28/2023							0.00076
2/21/2024	<0.003	<0.003	<0.003	0.0005 (J)	<0.003	<0.003	
2/26/2024							0.00057
8/5/2024	<0.003	<0.003	<0.003	0.00042 (J)			
8/6/2024					<0.003	<0.003	
8/8/2024							0.00068
2/26/2025	<0.003	<0.003	<0.003	0.00044 (J)	<0.003	<0.003	
2/27/2025							0.00053

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
9/30/2014						0.00013 (J)
10/2/2014				<0.003		
10/3/2014	0.00024 (J)					
4/1/2015	0.00021 (J)					
4/2/2015						0.00028 (J)
4/3/2015				<0.003		
5/26/2015		8.8E-05 (J)			<0.003	
6/18/2015		<0.003 (D)			0.0013 (D)	
7/2/2015		<0.003			<0.003	
10/8/2015				0.00025 (J)	<0.003	
10/9/2015	<0.003	<0.003				
10/10/2015						0.000245 (JD)
3/22/2016					<0.003	
3/29/2016	<0.003	<0.003				
3/30/2016				<0.003		<0.003
5/24/2016	<0.003	<0.003		<0.003		
5/25/2016					<0.003	
5/26/2016						<0.003
5/31/2016			<0.003			
8/1/2016	<0.003	<0.003				
8/2/2016			<0.003	<0.003	<0.003	
8/5/2016						<0.003
9/26/2016	<0.003	<0.003			<0.003	
9/27/2016			<0.003	<0.003		
9/28/2016						<0.003
11/14/2016		<0.003				
11/18/2016	<0.003					
11/21/2016			<0.003		<0.003	<0.003
11/22/2016				<0.003		
2/1/2017	<0.003	<0.003	<0.003			
2/3/2017					<0.003	
2/6/2017				<0.003		0.0002 (J)
4/6/2017	<0.003	<0.003	<0.003	<0.003		0.0002 (J)
4/7/2017					<0.003	
6/13/2017	<0.003	<0.003	<0.003		<0.003	0.0002 (J)
6/14/2017				<0.003		
7/14/2017			<0.003			
10/3/2017	<0.003	<0.003	<0.003		<0.003	0.0001 (J)
10/4/2017				<0.003		
3/19/2018	6.6E-05 (J)					
3/20/2018		6.8E-05 (J)	<0.003		<0.003	0.00022 (J)
3/21/2018				<0.003		
9/17/2018	<0.003	5.8E-05 (J)				
9/18/2018			<0.003	<0.003	<0.003	0.00014 (JD)
3/21/2019	<0.003	7.6E-05 (J)	<0.003			0.00015 (J)
3/27/2019				<0.003		
5/6/2019					0.0001 (J)	
9/13/2019			<0.003			
9/16/2019	<0.003	<0.003		<0.003 (D)	<0.003	0.0001 (J)
3/12/2020	<0.003	9.3E-05 (J)	<0.003	<0.003		0.00022 (J)
3/16/2020					<0.003	
9/16/2020	<0.003	6.7E-05 (J)	<0.003			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
9/17/2020				<0.003	4.9E-05 (J)	4.8E-05 (J)
3/17/2021	<0.003	<0.003	<0.003	<0.003		
3/18/2021					8.5E-05 (J)	0.00016 (J)
8/10/2021	<0.003	6.1E-05 (J)	<0.003	<0.003	6.2E-05 (J)	0.00015 (J)
2/2/2022	<0.003	7E-05 (J)	<0.003	<0.003	6.4E-05 (J)	0.00018 (J)
8/17/2022	<0.003	9.8E-05 (J)	<0.003	<0.003	0.0001 (J)	0.00017 (J)
2/17/2023	<0.003	5.4E-05 (J)				
2/20/2023			<0.003		<0.003	
2/21/2023				<0.003		0.00017 (J)
7/28/2023		<0.003				
7/31/2023	<0.003		<0.003	<0.003	5.6E-05 (J)	9.7E-05 (J)
2/26/2024	<0.003	<0.003	<0.003		<0.003	
2/27/2024				<0.003		0.00017 (J)
8/8/2024	<0.003	<0.003	<0.003			
8/12/2024				<0.003	<0.003	<0.003
2/27/2025	<0.003	<0.003	<0.003			
2/28/2025					<0.003	<0.003
3/4/2025				<0.003		

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2016					<0.04		
3/15/2016							<0.04
3/22/2016	<0.04						
3/23/2016		<0.04	<0.04			<0.04	
5/11/2016					<0.04		<0.04
5/16/2016				<0.04 (D)			
5/19/2016	<0.04		<0.04				
5/20/2016		<0.04					
5/23/2016						<0.04	
7/19/2016					<0.04 (*)		
7/21/2016							<0.04
7/27/2016				<0.04 (*)			
7/29/2016	<0.04	<0.04	<0.04			<0.04	
9/15/2016					0.0067 (J)		<0.04
9/22/2016			<0.04			<0.04	
9/23/2016	<0.04	<0.04					
11/2/2016					<0.04		
11/3/2016							<0.04 (*)
11/9/2016	<0.04	<0.04					
11/10/2016			<0.04			<0.04	
1/17/2017							<0.04
1/18/2017					<0.04		
1/30/2017	<0.04						
1/31/2017		<0.04	<0.04			<0.04	
2/21/2017				0.0218 (JD)			
3/24/2017							<0.04
3/27/2017				0.0262 (JD)			
3/28/2017					<0.04		
3/30/2017	0.0065 (J)	<0.04				<0.04	
4/3/2017			<0.04				
5/24/2017							<0.04
6/7/2017					<0.04 (*)		
6/8/2017				0.0067 (JD)			
6/9/2017	<0.04		<0.04				
6/12/2017		<0.04				<0.04	
7/17/2017				0.0165 (JD)			
7/27/2017				0.0138 (JD)			
8/9/2017				0.0069 (JD)			
9/26/2017					<0.04		0.0075 (J)
9/29/2017				0.0066 (JD)			
10/2/2017	<0.04	<0.04	<0.04				
10/4/2017						<0.04	
3/14/2018					<0.04		0.0093 (J)
3/16/2018	<0.04		0.0077 (J)	0.0067 (J)			
3/19/2018		0.013 (J)				0.0057 (J)	
9/12/2018					<0.04		<0.04
9/14/2018		<0.04	<0.04	0.0059 (J)			
9/17/2018	0.00625 (JD)					<0.04	
3/13/2019							<0.04
3/14/2019				0.0059 (X)			
3/15/2019					0.005 (X)		
3/19/2019			0.014 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/20/2019	0.0042 (J)	<0.04				<0.04	
9/9/2019					<0.04		<0.04
9/10/2019				0.0081 (X)			
9/12/2019	<0.04	<0.04 (D)					
9/13/2019			0.012 (J)			<0.04	
3/9/2020				0.0065 (J)	<0.04		0.0074 (J)
3/11/2020	<0.04	0.0068 (J)	0.017 (J)			0.0071 (J)	
9/10/2020					<0.04		
9/11/2020							<0.04
9/15/2020	0.01 (J)	0.0053 (J)	0.0074 (J)				
9/16/2020				0.015 (J)			
3/10/2021							<0.04
3/12/2021					0.011 (J)		
3/16/2021	<0.04		0.0061 (J)	<0.04			
3/17/2021		<0.04					
3/29/2021						<0.04	
8/4/2021					<0.04		<0.04
8/6/2021				<0.04			
8/9/2021	<0.04	<0.04	0.012 (J)			<0.04	
1/31/2022					<0.04		<0.04
2/1/2022	<0.04	<0.04	<0.04				
2/2/2022				<0.04		<0.04	
8/10/2022					<0.04		
8/12/2022							<0.04
8/16/2022	<0.04	<0.04	<0.04	<0.04		<0.04	
2/13/2023					<0.04		<0.04
2/14/2023				<0.04			
2/16/2023	<0.04	<0.04	0.017 (J)				
2/17/2023						<0.04	
7/25/2023				<0.04			
7/26/2023					0.012 (J)		0.0091 (J)
7/27/2023	0.015 (J)	<0.04	0.015 (J)				
8/1/2023						<0.04	
2/19/2024				<0.04	<0.04		<0.04
2/22/2024	<0.04	<0.04				<0.04	
2/26/2024			0.018 (J)				
8/1/2024				<0.04	<0.04		<0.04
8/6/2024			<0.04				
8/7/2024	<0.04	<0.04					
8/8/2024						<0.04	
2/25/2025					<0.04		<0.04
2/26/2025				<0.04		<0.04	
2/27/2025	<0.04	<0.04	0.021 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/11/2016			<0.04	<0.04	<0.04		
3/15/2016	<0.04	<0.04					
3/28/2016							<0.04
5/12/2016	<0.04						
5/13/2016		<0.04		<0.04	<0.04		
5/16/2016			<0.04				
5/23/2016							<0.04
7/19/2016				<0.04 (*)	<0.04 (*)		
7/20/2016	<0.04						
7/21/2016		<0.04 (*)					
7/22/2016			0.0076 (J)				
8/1/2016							<0.04
9/15/2016	<0.04						
9/16/2016				<0.04	0.0246 (J)		
9/19/2016			<0.04				
9/21/2016		<0.04 (*)					
9/26/2016							<0.04
11/2/2016				<0.04	0.0279 (J)		
11/3/2016	<0.04	<0.04	<0.04				
11/10/2016							<0.04
1/17/2017		<0.04	<0.04				
1/18/2017	<0.04			<0.04	0.0336 (J)		
1/30/2017							<0.04
2/22/2017						0.022 (JD)	
3/24/2017	0.0154 (J)						
3/27/2017		0.0173 (J)	0.0101 (J)				
3/28/2017				<0.04	0.0313 (J)		
4/7/2017						0.0082 (JD)	0.008 (J)
6/6/2017	<0.04	<0.04 (*)		<0.04 (*)	<0.04 (*)		
6/7/2017			<0.04 (*)				
6/12/2017							<0.04
6/14/2017						0.008 (JD)	
7/12/2017						0.0082 (JD)	
7/20/2017						0.0091 (JD)	
7/28/2017						<0.04 (D)	
8/9/2017						0.0071 (JD)	
8/24/2017						0.0062 (JD)	
9/22/2017				<0.04	0.0294 (J)		
9/25/2017	<0.04	0.0141 (J)					
9/26/2017			<0.04				
10/2/2017							<0.04
10/3/2017						0.006 (JD)	
3/14/2018	0.011 (J)	0.014 (J)	<0.04	<0.04			
3/15/2018					0.018 (J)		
3/16/2018							<0.04
3/21/2018						0.0062 (J)	
9/12/2018	<0.04	0.013 (J)		<0.04	0.018 (J)		
9/14/2018			<0.04				
9/17/2018							<0.04
9/18/2018						0.0096 (J)	
3/13/2019				<0.04	0.012 (X)		
3/14/2019	0.007 (X)	0.015 (X)	<0.04				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/19/2019							<0.04
3/21/2019						0.0066 (JD)	
9/10/2019	<0.04	0.015 (X)	<0.04				
9/11/2019				0.0059 (X)	0.021 (X)		
9/12/2019						0.012 (JD)	
9/13/2019							<0.04
3/6/2020	0.013 (J)		0.0068 (J)				
3/9/2020		0.021 (J)		<0.04	0.017 (J)		
3/11/2020							0.0063 (J)
3/12/2020						0.014 (J)	
9/10/2020	<0.04	0.016 (J)	<0.04				
9/11/2020				<0.04			
9/14/2020					0.018 (J)		
9/16/2020							<0.04
9/17/2020						0.015 (J)	
3/10/2021		0.0098 (J)					
3/11/2021	0.0075 (J)		<0.04	<0.04	0.017 (J)		
3/16/2021						0.0092 (J)	
3/17/2021							<0.04
8/4/2021	<0.04	0.01 (J)	<0.04				
8/5/2021					0.0098 (J)		
8/6/2021				<0.04			
8/9/2021							<0.04
8/10/2021						0.01 (J)	
1/31/2022	<0.04	0.016 (J)	<0.04	<0.04	0.011 (J)		
2/1/2022							<0.04
2/3/2022						<0.04	
8/10/2022			<0.04		0.01 (J)		
8/11/2022	<0.04	<0.04		<0.04			
8/16/2022							<0.04
8/17/2022						<0.04	
2/13/2023	<0.04	0.017 (J)	<0.04		<0.04		
2/14/2023				<0.04			
2/16/2023							<0.04
2/17/2023						<0.04	
7/25/2023	0.012 (J)	0.011 (J)		<0.04	0.012 (J)		
7/26/2023			<0.04				
7/28/2023						<0.04	<0.04
2/19/2024	<0.04	0.012 (J)					
2/20/2024			0.031 (J)	0.02 (J)	<0.04		
2/22/2024							<0.04
2/27/2024						<0.04	
8/1/2024	<0.04	<0.04	<0.04				
8/2/2024				<0.04	0.015 (J)		
8/8/2024						<0.04	<0.04
2/25/2025	0.0094 (J)	0.017 (J)	<0.04	<0.04	0.011 (J)		
2/27/2025							<0.04
2/28/2025						0.0067 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/28/2016	<0.04						
3/31/2016		<0.04	<0.04				
4/4/2016				<0.04	<0.04	<0.04	<0.04
5/25/2016	<0.04						
5/26/2016		<0.04	<0.04	<0.04	<0.04		
5/27/2016						<0.04	
5/31/2016							<0.04
8/1/2016	<0.04						
8/3/2016			<0.04	<0.04		<0.04	
8/4/2016					<0.04		<0.04
8/5/2016		<0.04					
9/26/2016	<0.04						
9/28/2016		<0.04	0.0169 (J)	<0.04	<0.04		
9/29/2016							0.0192 (J)
9/30/2016						<0.04	
11/11/2016	0.0193 (J)						
11/22/2016		<0.04	0.0067 (J)	<0.04	0.0072 (J)	<0.04	
11/28/2016							0.0124 (J)
1/30/2017	<0.04						
2/7/2017		<0.04	<0.04				
2/8/2017				0.0085 (J)	0.0069 (J)		
2/9/2017							0.0157 (J)
2/13/2017						<0.04	
4/3/2017	<0.04						
4/10/2017		<0.04	<0.04	<0.04	<0.04		
4/11/2017						<0.04	
4/12/2017							0.0183 (J)
6/12/2017	<0.04						
6/14/2017		<0.04	<0.04			<0.04	
6/15/2017				<0.04	<0.04		
6/16/2017							0.0269 (J)
10/2/2017	<0.04						
10/4/2017		<0.04	<0.04	<0.04	0.0065 (J)	<0.04	
10/9/2017							0.0383 (J)
3/16/2018	<0.04						
3/20/2018		0.004 (J)					
3/21/2018			<0.04	<0.04			0.021 (J)
3/22/2018					<0.04	<0.04	
9/18/2018	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
9/19/2018							0.026 (J)
3/19/2019	<0.04						
3/22/2019		<0.04	<0.04				
3/23/2019				<0.04	<0.04	<0.04	0.012 (J)
9/12/2019	<0.04						
9/17/2019		<0.04	<0.04	<0.04	<0.04	<0.04 (D)	
9/18/2019							0.017 (J)
3/11/2020	0.007 (J)						
3/12/2020		<0.04	0.005 (J)	<0.04	0.0058 (J)	<0.04	
3/13/2020							0.014 (J)
9/15/2020	<0.04						
9/17/2020		<0.04	<0.04				
9/21/2020				<0.04	<0.04	<0.04	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							0.0087 (J)
3/17/2021	<0.04						
3/18/2021		<0.04	<0.04				0.0091 (J)
3/19/2021				<0.04	<0.04	<0.04	
8/9/2021	<0.04						
8/10/2021		<0.04					
8/11/2021			<0.04	<0.04	<0.04	<0.04	<0.04
2/2/2022	<0.04					<0.04	
2/4/2022		<0.04	<0.04	<0.04	<0.04		
2/17/2022							0.015 (J)
8/17/2022	<0.04	<0.04					
8/18/2022			<0.04	<0.04	<0.04	<0.04	<0.04
2/16/2023	<0.04						
2/20/2023		<0.04	<0.04	<0.04	<0.04		
2/21/2023						<0.04	
2/22/2023							<0.04
7/28/2023	<0.04						
7/31/2023		<0.04	<0.04				
8/1/2023				<0.04	<0.04	<0.04	0.012 (J)
2/22/2024	<0.04						
2/27/2024		<0.04	<0.04			<0.04	<0.04
2/28/2024				<0.04	<0.04		
8/8/2024	<0.04						
8/12/2024		<0.04	<0.04		<0.04	<0.04	0.024 (J)
8/13/2024				<0.04			
2/28/2025	<0.04	<0.04					
3/3/2025			<0.04		<0.04		0.012 (J)
3/4/2025				<0.04		<0.04	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/16/2016					<0.04	<0.04	<0.04
4/4/2016	<0.04						
4/5/2016		<0.04	<0.04	<0.04			
5/16/2016					<0.04	<0.04 (D)	<0.04 (D)
5/31/2016			<0.04	<0.04			
6/1/2016	<0.04	<0.04					
7/25/2016					<0.04	<0.04 (D)	0.0054 (JD)
8/4/2016			<0.04				
8/9/2016		0.0996 (O)					
9/19/2016					<0.04	<0.04 (D)	<0.04 (D)
9/29/2016			0.0106 (J)				
11/3/2016					<0.04		<0.04 (D)
11/4/2016						<0.04 (D)	
11/23/2016			0.0099 (J)	0.0076 (J)			
11/28/2016		0.0072 (J)					
1/19/2017					<0.04		
1/20/2017							<0.04 (D)
1/23/2017						0.0086 (JD)	
2/9/2017		<0.04					
2/10/2017			<0.04	<0.04			
2/22/2017	0.02 (J)						
3/28/2017					0.0113 (J)		
3/29/2017						<0.04 (D)	<0.04 (D)
4/11/2017	<0.04	<0.04		<0.04			
4/12/2017			0.009 (J)				
6/5/2017					<0.04 (*)		
6/7/2017						<0.04 (*)	<0.04 (*)
6/14/2017		<0.04					
6/15/2017			<0.04	<0.04			
6/16/2017	0.0163 (J)						
7/12/2017	0.0117 (J)	<0.04		<0.04			
7/26/2017				<0.04			
7/28/2017	0.0071 (J)						
8/10/2017	0.0093 (J)						
9/26/2017					0.0084 (J)		
9/27/2017						<0.04	<0.04
10/5/2017		0.0068 (J)					
10/6/2017	0.0148 (J)		<0.04	0.0071 (J)			
3/15/2018					0.014 (J)	0.0077 (J)	0.0063 (J)
3/22/2018		<0.04					
3/23/2018	0.017 (J)		0.0053 (J)	0.0092 (J)			
9/12/2018					0.0051 (J)		
9/13/2018						<0.04	<0.04
9/19/2018		<0.04	0.0049 (J)	0.0046 (J)			
9/20/2018	0.016 (J)						
3/14/2019					0.018 (X)	<0.04 (D)	0.006 (XJD)
3/22/2019	0.013 (J)	<0.04		<0.04			
3/25/2019			<0.04				
9/11/2019					0.0088 (X)	<0.04 (D)	<0.04 (D)
9/17/2019		<0.04	<0.04	<0.04			
9/18/2019	0.014 (X)						
3/10/2020					0.019 (J)	<0.04	0.009 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/13/2020		0.0081 (J)	0.0064 (J)	0.0054 (J)			
3/17/2020	0.017 (J)						
9/11/2020						<0.04	0.0056 (J)
9/15/2020					0.0089 (J)		
9/21/2020		<0.04	0.0075 (J)	<0.04			
9/22/2020	0.01 (J)						
3/11/2021					0.016 (J)	<0.04	0.006 (J)
3/18/2021		<0.04	<0.04	<0.04			
3/19/2021	0.014 (J)						
8/4/2021					0.016 (J)		
8/6/2021						<0.04	<0.04
8/11/2021		<0.04	<0.04	<0.04			
8/12/2021	0.014 (J)						
1/31/2022					0.015 (J)		
2/1/2022						0.019 (J)	0.022 (J)
2/4/2022	0.017 (J)	<0.04	<0.04				
2/7/2022				<0.04			
8/12/2022						<0.04	<0.04
8/15/2022					0.011 (J)		
8/18/2022		<0.04					
8/19/2022	0.015 (J)		<0.04	<0.04			
2/14/2023					0.014 (J)	<0.04	0.012 (J)
2/22/2023	0.013 (J)	<0.04	<0.04	<0.04			
7/26/2023					<0.04	<0.04	0.0088 (J)
8/1/2023		<0.04		<0.04			
8/2/2023	0.012 (J)		<0.04				
2/20/2024					<0.04	<0.04	<0.04
2/28/2024	0.015 (J)	<0.04	<0.04	<0.04			
8/5/2024						<0.04	<0.04
8/6/2024					<0.04		
8/13/2024	<0.04	<0.04	<0.04	<0.04			
2/26/2025					0.0098 (J)	<0.04	0.0069 (J)
3/3/2025		<0.04	<0.04	<0.04			
3/4/2025	0.017 (J)						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/10/2016	<0.04	<0.04	<0.04	<0.04			
3/17/2016					<0.04	<0.04	
3/28/2016							<0.04
5/17/2016	<0.04			<0.04			
5/18/2016		<0.04	<0.04		<0.04	<0.04	
5/25/2016							<0.04
7/26/2016	0.0047 (J)						
7/27/2016		<0.04 (*)	<0.04	<0.04 (*)	<0.04 (*)		
7/28/2016						<0.04 (*)	
8/1/2016							<0.04
9/20/2016	0.0254 (J)	0.0133 (J)	0.0109 (J)	0.0078 (J)			
9/21/2016					<0.04 (*)	<0.04 (*)	
9/27/2016							<0.04
11/4/2016	<0.04		<0.04	<0.04	<0.04		
11/7/2016		0.0079 (J)				0.0138 (J)	
11/11/2016							0.0083 (J)
1/20/2017	<0.04		<0.04				
1/23/2017		<0.04		<0.04			
1/24/2017					<0.04	<0.04	
1/31/2017							<0.04
3/28/2017	<0.04			<0.04			
3/29/2017		<0.04	<0.04		<0.04		
3/30/2017						0.0077 (J)	
4/3/2017							<0.04
6/7/2017	<0.04 (*)						
6/8/2017		<0.04	<0.04	<0.04	<0.04		
6/9/2017						<0.04	
6/12/2017							<0.04
9/27/2017		<0.04	<0.04				
9/29/2017	<0.04			<0.04	<0.04	<0.04	
10/3/2017							<0.04
3/15/2018	0.0042 (J)	<0.04		<0.04	<0.04	0.0052 (J)	
3/16/2018			<0.04				
3/19/2018							0.0041 (J)
9/13/2018	<0.04	<0.04	<0.04	<0.04	<0.04		
9/14/2018						<0.04	
9/17/2018							<0.04
3/15/2019		<0.04		<0.04			
3/18/2019	0.022 (X)				0.0099 (X)		
3/19/2019			<0.04			0.0043 (X)	
3/20/2019							<0.04
9/11/2019	<0.04		0.0054 (X)	<0.04	<0.04	<0.04	
9/12/2019		<0.04					
9/16/2019							0.0051 (J)
3/9/2020		<0.04	0.0051 (J)	<0.04		0.0055 (J)	
3/10/2020	<0.04						
3/11/2020					<0.04		
3/16/2020							<0.04
9/11/2020					0.0057 (J)		
9/14/2020	<0.04	<0.04		<0.04		<0.04	
9/15/2020			<0.04				
9/16/2020							<0.04

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/11/2021	<0.04	<0.04	<0.04	<0.04			
3/15/2021					0.01 (J)	0.0066 (J)	
3/17/2021							<0.04
8/4/2021				<0.04			
8/5/2021	<0.04	<0.04	<0.04			<0.04	
8/9/2021							<0.04
8/11/2021					<0.04		
1/31/2022	<0.04			<0.04			
2/1/2022		0.011 (J)	0.01 (J)		<0.04	0.0087 (J)	
2/2/2022							<0.04
8/15/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
8/16/2022							<0.04
2/14/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
2/20/2023							<0.04
7/26/2023	<0.04			<0.04			
7/27/2023		0.012 (J)	0.019 (J)		<0.04	<0.04	
7/28/2023							<0.04
2/21/2024	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
2/26/2024							<0.04
8/5/2024	<0.04	<0.04	<0.04	<0.04			
8/6/2024					<0.04	<0.04	
8/8/2024							<0.04
2/26/2025	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
2/27/2025							<0.04

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/22/2016					<0.04	
3/29/2016	<0.04	<0.04				
3/30/2016				<0.04		<0.04
5/24/2016	<0.04	<0.04		<0.04		
5/25/2016					<0.04	
5/26/2016						<0.04
5/31/2016			<0.04			
8/1/2016	<0.04	<0.04				
8/2/2016			<0.04	<0.04	<0.04	
8/5/2016						<0.04
9/26/2016	<0.04	<0.04			<0.04	
9/27/2016			0.0073 (J)	<0.04		
9/28/2016						<0.04
11/14/2016		<0.04				
11/18/2016	<0.04					
11/21/2016			0.008 (J)		<0.04	<0.04
11/22/2016				0.0115 (J)		
2/1/2017	<0.04	<0.04	<0.04			
2/3/2017					<0.04	
2/6/2017				<0.04		<0.04
4/6/2017	<0.04	<0.04	<0.04	<0.04		<0.04
4/7/2017					<0.04	
6/13/2017	<0.04	<0.04	<0.04		<0.04	<0.04
6/14/2017				<0.04		
7/14/2017			0.007 (J)			
10/3/2017	<0.04	<0.04	<0.04		<0.04	<0.04
10/4/2017				<0.04		
3/19/2018	<0.04					
3/20/2018		0.0073 (J)	0.0064 (J)		<0.04	0.0096 (J)
3/21/2018				<0.04		
9/17/2018	<0.04	0.0046 (J)				
9/18/2018			0.0045 (J)	<0.04	<0.04	<0.04 (D)
3/21/2019	<0.04	<0.04	<0.04			0.006 (J)
3/27/2019				0.0078 (J)		
5/6/2019					0.0065 (J)	
9/13/2019			0.0065 (J)			
9/16/2019	<0.04	<0.04		<0.04 (D)	<0.04	<0.04
3/12/2020	0.0061 (J)	0.0052 (J)	0.0057 (J)	<0.04		0.0058 (J)
3/16/2020					<0.04	
9/16/2020	<0.04	<0.04	0.0052 (J)			
9/17/2020				<0.04	<0.04	<0.04
3/17/2021	<0.04	<0.04	<0.04	<0.04		
3/18/2021					<0.04	<0.04
8/10/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
2/2/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
8/17/2022	<0.04	<0.04	0.011 (J)	<0.04	0.012 (J)	<0.04
2/17/2023	<0.04	<0.04				
2/20/2023			<0.04		<0.04	
2/21/2023				<0.04		<0.04
7/28/2023		<0.04				
7/31/2023	<0.04		<0.04	<0.04	<0.04	<0.04
2/26/2024	<0.04	<0.04	<0.04		<0.04	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
2/27/2024				<0.04		<0.04
8/8/2024	<0.04	<0.04	<0.04			
8/12/2024				<0.04	<0.04	<0.04
2/27/2025	<0.04	<0.04	<0.04			
2/28/2025					<0.04	0.0069 (J)
3/4/2025				<0.04		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.0005	<0.0005	<0.0005			<0.0005	
10/23/2007	<0.0005						
10/24/2007		<0.0005	<0.0005				
11/2/2007						<0.0005	
11/18/2007	<0.0005	<0.0005	<0.0005			<0.0005	
1/30/2008	<0.0005						
1/31/2008		<0.0005	<0.0005			<0.0005	
3/10/2008	<0.0005		<0.0005				
3/11/2008		<0.0005				<0.0005	
5/6/2008		<0.0005					
5/13/2008	<0.0005		<0.0005				
5/14/2008						<0.0005	
12/4/2008		<0.0005	<0.0005				
12/5/2008	<0.0005					<0.0005	
4/15/2009	<0.0005					<0.0005	
4/21/2009		<0.0005	<0.0005				
10/7/2009	<0.0005	<0.0005					
10/8/2009			<0.0005			<0.0005	
4/21/2010			<0.0005				
4/26/2010		<0.0005					
4/28/2010						<0.0005	
5/3/2010	<0.0005						
9/28/2010			<0.0005				
10/4/2010		<0.0005					
10/6/2010						<0.0005	
10/12/2010	<0.0005						
4/12/2011			<0.0005				
4/13/2011		<0.0005					
4/21/2011						<0.0005	
4/27/2011	<0.0005						
10/4/2011			<0.0005				
10/5/2011		<0.0005					
10/13/2011						<0.0005	
10/17/2011	<0.0005						
4/3/2012			<0.0005				
4/11/2012		<0.0005					
5/1/2012						<0.0005	
5/2/2012	<0.0005						
10/8/2012	<0.0005						
10/9/2012		<0.0005	<0.0005			<0.0005	
4/11/2013			<0.0005			<0.0005	
4/12/2013	<0.0005						
4/15/2013		<0.0005					
10/15/2013		<0.0005					
10/16/2013	<0.0005		<0.0005			<0.0005	
4/10/2014			<0.0005				
4/11/2014	<0.0005						
4/22/2014		<0.0005					
4/23/2014						<0.0005	
9/30/2014	<0.0005	<0.0005	<0.0005				
10/4/2014						<0.0005	
3/30/2015	<0.0005	<0.0005	<0.0005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						<0.0005	
10/12/2015						<0.0005	
10/13/2015	0.0003 (J)	<0.0005	<0.0005				
3/14/2016					0.000188 (J)		
3/15/2016							<0.0005
3/22/2016	<0.0005						
3/23/2016		<0.0005	<0.0005			<0.0005	
5/11/2016					0.000177 (J)		<0.0005
5/16/2016				<0.0005 (D)			
5/19/2016	<0.0005		<0.0005				
5/20/2016		<0.0005					
5/23/2016						<0.0005	
7/19/2016					0.0001 (J)		
7/21/2016							<0.0005
7/27/2016				0.0001 (JD)			
7/29/2016	<0.0005	<0.0005	<0.0005			<0.0005	
9/15/2016					8E-05 (J)		<0.0005
9/22/2016			<0.0005			<0.0005	
9/23/2016	<0.0005	<0.0005					
11/2/2016					<0.0005		
11/3/2016							<0.0005
11/9/2016	<0.0005	<0.0005					
11/10/2016			<0.0005			<0.0005	
1/17/2017							<0.0005
1/18/2017					<0.0005		
1/30/2017	<0.0005						
1/31/2017		<0.0005	<0.0005			<0.0005	
2/21/2017				<0.0005			
3/24/2017							<0.0005
3/27/2017				<0.0005 (D)			
3/28/2017					<0.0005		
3/30/2017	<0.0005	<0.0005				<0.0005	
4/3/2017			<0.0005				
5/24/2017							<0.0005
6/7/2017					<0.0005		
6/8/2017				<0.0005 (D)			
6/9/2017	<0.0005		<0.0005				
6/12/2017		<0.0005				<0.0005	
7/17/2017				<0.0005 (D)			
7/27/2017				<0.0005			
8/9/2017				<0.0005			
9/26/2017					<0.0005		<0.0005
9/29/2017				<0.0005 (D)			
10/2/2017	<0.0005	<0.0005	<0.0005				
10/4/2017						<0.0005	
3/14/2018					<0.0005		<0.0005
3/16/2018	<0.0005		<0.0005	<0.0005			
3/19/2018		<0.0005				<0.0005	
9/12/2018					<0.0005		<0.0005
9/14/2018		<0.0005	<0.0005	<0.0005			
9/17/2018	0.00076 (JD)					<0.0005	
3/13/2019							<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				<0.0005			
3/15/2019					<0.0005		
3/19/2019			<0.0005				
3/20/2019	<0.0005	<0.0005				<0.0005	
9/9/2019					<0.0005		<0.0005
9/12/2019	<0.0005	<0.0005 (D)					
9/13/2019			<0.0005			<0.0005	
3/9/2020				<0.0005	<0.0005		<0.0005
3/11/2020	<0.0005	<0.0005	<0.0005			<0.0005	
9/10/2020					<0.0005		
9/11/2020							<0.0005
9/15/2020	<0.0005	<0.0005	<0.0005				
9/16/2020				<0.0005			
3/10/2021							<0.0005
3/12/2021					<0.0005		
3/16/2021	<0.0005		<0.0005	<0.0005			
3/17/2021		<0.0005					
3/29/2021						<0.0005	
8/4/2021					<0.0005		<0.0005
8/6/2021				<0.0005			
8/9/2021	<0.0005	<0.0005	<0.0005			<0.0005	
1/31/2022					<0.0005		<0.0005
2/1/2022	<0.0005	<0.0005	<0.0005				
2/2/2022				<0.0005		<0.0005	
8/10/2022					<0.0005		
8/12/2022							<0.0005
8/16/2022	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	
2/13/2023					<0.0005		<0.0005
2/14/2023				<0.0005			
2/16/2023	<0.0005	<0.0005	<0.0005				
2/17/2023						<0.0005	
7/25/2023				<0.0005			
7/26/2023					<0.0005		<0.0005
7/27/2023	<0.0005	<0.0005	<0.0005				
8/1/2023						<0.0005	
2/19/2024				<0.0005	<0.0005		<0.0005
2/22/2024	<0.0005	<0.0005				<0.0005	
2/26/2024			<0.0005				
8/1/2024				<0.0005	<0.0005		<0.0005
8/6/2024			<0.0005				
8/7/2024	<0.0005	<0.0005					
8/8/2024						<0.0005	
2/25/2025					<0.0005		<0.0005
2/26/2025				<0.0005		<0.0005	
2/27/2025	<0.0005	<0.0005	<0.0005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.0005
4/23/2009							<0.0005
10/6/2009							<0.0005
4/27/2010							<0.0005
9/30/2010							<0.0005
4/14/2011							<0.0005
10/5/2011							<0.0005
4/11/2012							<0.0005
10/2/2012							<0.0005
4/9/2013							<0.0005
10/15/2013							<0.0005
4/10/2014							<0.0005
10/1/2014							<0.0005
3/30/2015							<0.0005
10/11/2015							0.00026 (J)
3/11/2016			0.000121 (J)	<0.0005	<0.0005		
3/15/2016	<0.0005	<0.0005					
3/28/2016							<0.0005
5/12/2016	<0.0005						
5/13/2016		<0.0005		<0.0005	<0.0005		
5/16/2016			0.000145 (J)				
5/23/2016							<0.0005
7/19/2016				<0.0005	<0.0005		
7/20/2016	<0.0005						
7/21/2016		<0.0005					
7/22/2016			<0.0005				
8/1/2016							<0.0005
9/15/2016	<0.0005						
9/16/2016				<0.0005	<0.0005		
9/19/2016			0.0001 (J)				
9/21/2016		<0.0005					
9/26/2016							<0.0005
11/2/2016				<0.0005	<0.0005		
11/3/2016	<0.0005	<0.0005	8E-05 (J)				
11/10/2016							<0.0005
1/17/2017		<0.0005	0.0001 (J)				
1/18/2017	<0.0005			<0.0005	<0.0005		
1/30/2017							<0.0005
2/22/2017						<0.0005	
3/24/2017	<0.0005						
3/27/2017		<0.0005	0.0002 (J)				
3/28/2017				<0.0005	<0.0005		
4/7/2017						<0.0005	<0.0005
6/6/2017	<0.0005	<0.0005		8E-05 (J)	<0.0005		
6/7/2017			0.0001 (J)				
6/12/2017							<0.0005
6/14/2017						<0.0005 (D)	
7/12/2017						<0.0005 (D)	
7/20/2017						<0.0005 (D)	
7/28/2017						<0.0005	
8/9/2017						<0.0005	
8/24/2017						<0.0005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				<0.0005	<0.0005		
9/25/2017	<0.0005	<0.0005					
9/26/2017			<0.0005				
10/2/2017							<0.0005
10/3/2017						<0.0005 (D)	
3/14/2018	<0.0005	<0.0005	0.00011 (J)	<0.0005			
3/15/2018					<0.0005		
3/16/2018							<0.0005
3/21/2018						<0.0005	
9/12/2018	<0.0005	<0.0005		<0.0005	<0.0005		
9/14/2018			0.00013 (J)				
9/17/2018							<0.0005
9/18/2018						<0.0005	
3/13/2019				<0.0005	<0.0005		
3/14/2019	<0.0005	<0.0005	0.00013 (J)				
3/19/2019							<0.0005
3/21/2019						<0.0005 (D)	
9/10/2019	<0.0005 (D)	<0.0005	0.00014 (J)				
9/11/2019				<0.0005	<0.0005		
9/12/2019						<0.0005 (D)	
9/13/2019							<0.0005
3/6/2020	<0.0005		0.00014 (J)				
3/9/2020		<0.0005		<0.0005	<0.0005		
3/11/2020							<0.0005
3/12/2020						<0.0005	
9/10/2020	<0.0005	<0.0005	0.00015 (J)				
9/11/2020				<0.0005			
9/14/2020					<0.0005		
9/16/2020							<0.0005
9/17/2020						<0.0005	
3/10/2021		<0.0005					
3/11/2021	<0.0005		0.00017 (J)	<0.0005	<0.0005		
3/16/2021						<0.0005	
3/17/2021							0.00012 (J)
8/4/2021	<0.0005	<0.0005	0.00014 (J)				
8/5/2021					<0.0005		
8/6/2021				<0.0005			
8/9/2021							<0.0005
8/10/2021						<0.0005	
1/31/2022	<0.0005	<0.0005	0.00018 (J)	<0.0005	<0.0005		
2/1/2022							<0.0005
2/3/2022						<0.0005	
8/10/2022			0.00034 (J)		<0.0005		
8/11/2022	<0.0005	<0.0005		<0.0005			
8/16/2022							<0.0005
8/17/2022						<0.0005	
2/13/2023	<0.0005	<0.0005	<0.0005		<0.0005		
2/14/2023				<0.0005			
2/16/2023							<0.0005
2/17/2023						<0.0005	
7/25/2023	<0.0005	<0.0005		<0.0005	<0.0005		
7/26/2023			0.00013 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
7/28/2023						<0.0005	<0.0005
2/19/2024	<0.0005	<0.0005					
2/20/2024			0.00016 (J)	<0.0005	<0.0005		
2/22/2024							<0.0005
2/27/2024						<0.0005	
8/1/2024	<0.0005	<0.0005	0.00016 (J)				
8/2/2024				<0.0005	<0.0005		
8/8/2024						<0.0005	<0.0005
2/25/2025	<0.0005	<0.0005	0.00016 (J)	<0.0005	<0.0005		
2/27/2025							<0.0005
2/28/2025						<0.0005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005
11/1/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005
11/18/2007				<0.0005	<0.0005		
11/19/2007						<0.001	<0.0005
11/20/2007		<0.0005	<0.0005				
1/16/2008						<0.001	
1/30/2008		<0.0005	<0.0005	<0.0005	<0.0005		
1/31/2008							<0.0005
3/5/2008				<0.0005		<0.001	<0.0005
3/6/2008		<0.0005	<0.0005		<0.0005		
5/7/2008				<0.0005	<0.0005		
5/8/2008			<0.0005				
5/12/2008		<0.0005					<0.0005
5/13/2008						<0.001	
12/12/2008	<0.0005						
12/13/2008		<0.0005				<0.001	<0.0005
12/14/2008			<0.0005	<0.0005	<0.0005		
4/16/2009						<0.001	
4/23/2009	<0.0005						
4/28/2009							<0.0005
4/29/2009		<0.0005	<0.0005	<0.0005	<0.0005		
10/6/2009	<0.0005						
10/20/2009		<0.0005					
10/21/2009			<0.0005			<0.001	<0.0005
10/22/2009				<0.0005	<0.0005		
4/21/2010			<0.0005	<0.0005	<0.0005		
4/26/2010		<0.0005					
4/27/2010						<0.001	
4/28/2010							<0.0005
5/3/2010	<0.0005						
9/28/2010			<0.0005	<0.0005			
9/29/2010		<0.0005			<0.0005		
10/5/2010						<0.001	<0.0005
10/11/2010	<0.0005						
4/12/2011			<0.0005	<0.0005			
4/13/2011		<0.0005			<0.0005		
4/19/2011						<0.001	<0.0005
4/27/2011	<0.0005						
10/4/2011			<0.0005	<0.0005	<0.0005		
10/5/2011		<0.0005					
10/12/2011						<0.001	
10/18/2011							<0.0005
10/19/2011	<0.0005						
4/3/2012			<0.0005	<0.0005			
4/4/2012		<0.0005			<0.0005		
4/24/2012						<0.001	
4/25/2012							<0.0005
5/1/2012	<0.0005						
10/2/2012	<0.0005					<0.001	<0.0005
10/3/2012		<0.0005		<0.0005	<0.0005		
10/8/2012			<0.0005				
4/2/2013						<0.001	<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		<0.0005	<0.0005	<0.0005	<0.0005		
4/10/2013	<0.0005						
10/8/2013							<0.0005
10/9/2013				<0.0005	<0.0005	<0.001	
10/15/2013		<0.0005	<0.0005				
10/16/2013	<0.0005						
4/1/2014						<0.001	<0.0005
4/2/2014				<0.0005	<0.0005		
4/9/2014		<0.0005	<0.0005				
4/22/2014	<0.0005						
10/1/2014	<0.0005						<0.0005
10/2/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.001	
3/30/2015	<0.0005						
4/1/2015				<0.0005	0.00033 (J)	<0.001	<0.0005
4/2/2015		<0.0005	<0.0005				
10/10/2015		<0.0005					
10/11/2015	<0.0005			<0.0005	0.00056 (J)		
10/12/2015			<0.0005				
10/14/2015						0.00025 (J)	
10/15/2015							<0.0005
3/28/2016	<0.0005						
3/31/2016		<0.0005	<0.0005				
4/4/2016				<0.0005	<0.0005	0.000136 (J)	<0.0005
5/25/2016	<0.0005						
5/26/2016		<0.0005	<0.0005	<0.0005	<0.0005		
5/27/2016						0.000131 (J)	
5/31/2016							<0.0005
8/1/2016	<0.0005						
8/3/2016			<0.0005	<0.0005		<0.001	
8/4/2016					<0.0005		<0.0005
8/5/2016		<0.0005					
9/26/2016	<0.0005						
9/28/2016		<0.0005	0.0002 (J)	<0.0005	<0.0005		
9/29/2016							<0.0005
9/30/2016						9E-05 (J)	
11/11/2016	<0.0005						
11/22/2016		<0.0005	<0.0005	<0.0005	<0.0005	<0.001	
11/28/2016							<0.0005
1/30/2017	<0.0005						
2/7/2017		<0.0005	<0.0005				
2/8/2017				<0.0005	<0.0005		
2/9/2017							<0.0005
2/13/2017						0.0001 (J)	
4/3/2017	<0.0005						
4/10/2017		<0.0005	<0.0005	<0.0005	<0.0005		
4/11/2017						0.0003 (J)	
4/12/2017							<0.0005
6/12/2017	<0.0005						
6/14/2017		<0.0005	<0.0005			0.0003 (J)	
6/15/2017				<0.0005	<0.0005		
6/16/2017							<0.0005
10/2/2017	<0.0005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/4/2017		<0.0005	<0.0005	<0.0005	<0.0005	0.0002 (J)	
10/9/2017							<0.0005
3/16/2018	<0.0005						
3/20/2018		<0.0005					
3/21/2018			<0.0005	<0.0005			<0.0005
3/22/2018					<0.0005	0.00032 (J)	
9/18/2018	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00057 (J)	
9/19/2018							<0.0005
3/19/2019	<0.0005						
3/22/2019		<0.0005	<0.0005				
3/23/2019				<0.0005	<0.0005	0.00035 (J)	<0.0005
9/12/2019	<0.0005						
9/17/2019		<0.0005	<0.0005	<0.0005	<0.0005	0.000575 (JD)	
9/18/2019							<0.0005
3/11/2020	<0.0005						
3/12/2020		<0.0005	<0.0005	<0.0005	<0.0005	0.00089 (J)	
3/13/2020							<0.0005
9/15/2020	<0.0005						
9/17/2020		<0.0005	<0.0005				
9/21/2020				<0.0005	<0.0005	0.00025 (J)	
9/22/2020							<0.0005
3/17/2021	<0.0005						
3/18/2021		<0.0005	<0.0005				<0.0005
3/19/2021				<0.0005	<0.0005	0.00027 (J)	
8/9/2021	<0.0005						
8/10/2021		<0.0005					
8/11/2021			<0.0005	<0.0005	<0.0005	0.00048 (J)	<0.0005
2/2/2022	<0.0005					0.0012	
2/4/2022		<0.0005	<0.0005	<0.0005	<0.0005		
2/17/2022							<0.0005
4/28/2022						0.00067	
8/17/2022	<0.0005	0.00018 (J)					
8/18/2022			<0.0005	<0.0005	<0.0005	0.00052	<0.0005
2/16/2023	<0.0005						
2/20/2023		<0.0005	<0.0005	<0.0005	<0.0005		
2/21/2023						0.0004 (J)	
2/22/2023							<0.0005
7/28/2023	<0.0005						
7/31/2023		<0.0005	<0.0005				
8/1/2023				<0.0005	<0.0005	0.00035 (J)	<0.0005
2/22/2024	<0.0005						
2/27/2024		<0.0005	<0.0005			0.00071	<0.0005
2/28/2024				<0.0005	<0.0005		
8/8/2024	<0.0005						
8/12/2024		<0.0005	<0.0005		<0.0005	0.00063	<0.0005
8/13/2024				<0.0005			
2/28/2025	<0.0005	<0.0005					
3/3/2025			<0.0005		<0.0005		<0.0005
3/4/2025				<0.0005		0.00067	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.0005						
8/23/2007			<0.0005				
8/24/2007		<0.0005		<0.0005			
11/1/2007	<0.0005						
11/2/2007		<0.0005	<0.0005	<0.0005			
11/17/2007		<0.0005	<0.0005				
11/18/2007				<0.0005			
11/19/2007	<0.0005						
1/15/2008		<0.0005	<0.0005	<0.0005			
1/31/2008	<0.0005						
3/5/2008	<0.0005	<0.0005					
3/6/2008			<0.0005				
3/10/2008				<0.0005			
5/7/2008	<0.0005	<0.0005	<0.0005				
5/13/2008				<0.0005			
12/2/2008		<0.0005	<0.0005	<0.0005			
12/12/2008	<0.0005						
4/16/2009		<0.0005					
4/28/2009			<0.0005	<0.0005			
4/29/2009	<0.0005						
10/19/2009			<0.0005				
10/20/2009		<0.0005		<0.0005			
10/21/2009	<0.0005						
4/20/2010		<0.0005					
4/27/2010			<0.0005	<0.0005			
4/28/2010	<0.0005						
9/29/2010		<0.0005					
10/4/2010			<0.0005				
10/5/2010				<0.0005			
10/6/2010	<0.0005						
4/12/2011		<0.0005					
4/18/2011			<0.0005				
4/19/2011				<0.0005			
4/20/2011	<0.0005						
10/4/2011		<0.0005					
10/12/2011	<0.0005		<0.0005	<0.0005			
4/4/2012		<0.0005					
4/23/2012			<0.0005				
4/25/2012	<0.0005			<0.0005			
10/2/2012	<0.0005						
10/10/2012		<0.0005	<0.0005	<0.0005			
4/2/2013	<0.0005						
4/15/2013		<0.0005	<0.0005				
4/16/2013				<0.0005			
10/8/2013	<0.0005						
10/22/2013		<0.0005	<0.0005	<0.0005			
4/1/2014	<0.0005						
4/21/2014		<0.0005	<0.0005	<0.0005			
9/30/2014		<0.0005	<0.0005	<0.0005			
10/1/2014	<0.0005						
3/31/2015	<0.0005						
4/3/2015		<0.0005	<0.0005	<0.0005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.0005			
10/7/2015		<0.0005	0.00028 (J)				
10/14/2015	<0.0005						
3/16/2016					<0.0005	<0.0005	0.000113 (J)
4/4/2016	<0.0005						
4/5/2016		<0.0005	0.000194 (J)	<0.0005			
5/16/2016					<0.0005	<0.0005 (D)	<0.0005 (D)
5/31/2016			0.000206 (J)	<0.0005			
6/1/2016	<0.0005	<0.0005					
7/25/2016					<0.0005	<0.0005 (D)	<0.0005 (D)
8/4/2016			<0.0005				
8/9/2016		<0.0005					
9/19/2016					<0.0005	<0.0005 (D)	<0.0005 (D)
9/29/2016			0.0002 (J)				
11/3/2016					<0.0005		<0.0005 (D)
11/4/2016						<0.0005 (D)	
11/23/2016			0.0001 (J)	<0.0005			
11/28/2016		<0.0005					
1/19/2017					<0.0005		
1/20/2017							<0.0005 (D)
1/23/2017						<0.0005 (D)	
2/9/2017		0.0001 (J)					
2/10/2017			<0.0005	<0.0005			
2/22/2017	<0.0005						
3/28/2017					<0.0005		
3/29/2017						<0.0005 (D)	<0.0005 (D)
4/11/2017	<0.0005	<0.0005		<0.0005			
4/12/2017			<0.0005				
6/5/2017					8E-05 (J)		
6/7/2017						<0.0005	<0.0005
6/14/2017		<0.0005					
6/15/2017			<0.0005	<0.0005			
6/16/2017	<0.0005						
7/12/2017	<0.0005	<0.0005		<0.0005			
7/26/2017				<0.0005			
7/28/2017	<0.0005						
8/10/2017	<0.0005						
9/26/2017					<0.0005		
9/27/2017						<0.0005	<0.0005
10/5/2017		<0.0005					
10/6/2017	<0.0005		<0.0005	<0.0005			
3/15/2018					<0.0005	<0.0005	<0.0005
3/22/2018		<0.0005					
3/23/2018	<0.0005		<0.0005	<0.0005			
9/12/2018					<0.0005		
9/13/2018						<0.0005	<0.0005
9/19/2018		<0.0005	<0.0005	<0.0005			
9/20/2018	<0.0005						
3/14/2019					<0.0005	<0.0005 (D)	<0.0005 (D)
3/22/2019	<0.0005	<0.0005		<0.0005			
3/25/2019			<0.0005				
9/11/2019					<0.0005	<0.0005 (D)	<0.0005 (D)

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/17/2019		<0.0005	<0.0005	<0.0005			
9/18/2019	<0.0005						
3/10/2020					<0.0005	<0.0005	<0.0005
3/13/2020		<0.0005	<0.0005	<0.0005			
3/17/2020	<0.0005						
9/11/2020						<0.0005	<0.0005
9/15/2020					<0.0005		
9/21/2020		<0.0005	<0.0005	<0.0005			
9/22/2020	<0.0005						
3/11/2021					<0.0005	<0.0005	<0.0005
3/18/2021		<0.0005	<0.0005	<0.0005			
3/19/2021	<0.0005						
8/4/2021					<0.0005		
8/6/2021						<0.0005	<0.0005
8/11/2021		<0.0005	<0.0005	<0.0005			
8/12/2021	<0.0005						
1/31/2022					<0.0005		
2/1/2022						<0.0005	<0.0005
2/4/2022	<0.0005	<0.0005	<0.0005				
2/7/2022				<0.0005			
8/12/2022						<0.0005	<0.0005
8/15/2022					<0.0005		
8/18/2022		<0.0005					
8/19/2022	<0.0005		<0.0005	<0.0005			
2/14/2023					<0.0005	<0.0005	<0.0005
2/22/2023	<0.0005	<0.0005	<0.0005	<0.0005			
7/26/2023					<0.0005	<0.0005	<0.0005
8/1/2023		<0.0005		<0.0005			
8/2/2023	<0.0005		<0.0005				
2/20/2024					<0.0005	<0.0005	<0.0005
2/28/2024	<0.0005	<0.0005	<0.0005	<0.0005			
8/5/2024						<0.0005	<0.0005
8/6/2024					<0.0005		
8/13/2024	<0.0005	<0.0005	<0.0005	<0.0005			
2/26/2025					<0.0005	<0.0005	<0.0005
3/3/2025		<0.0005	<0.0005	<0.0005			
3/4/2025	<0.0005						

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							<0.0005
10/25/2007							<0.0005
11/19/2007							<0.0005
1/23/2008							<0.0005
3/11/2008							<0.0005
5/12/2008							<0.0005
12/11/2008							<0.0005
4/15/2009							<0.0005
10/9/2009							<0.0005
5/4/2010							<0.0005
10/12/2010							<0.0005
4/28/2011							<0.0005
10/19/2011							<0.0005
5/2/2012							<0.0005
10/9/2012							<0.0005
4/11/2013							<0.0005
10/16/2013							<0.0005
4/23/2014							<0.0005
10/3/2014							0.00033 (J)
3/31/2015							<0.0005
10/12/2015							<0.0005
3/10/2016	<0.0005	<0.0005	<0.0005	0.000148 (J)			
3/17/2016					<0.0005	<0.0005	
3/28/2016							0.000102 (J)
5/17/2016	<0.0005			0.000251 (J)			
5/18/2016		<0.0005	<0.0005		<0.0005	<0.0005	
5/25/2016							0.000148 (J)
7/26/2016	<0.0005						
7/27/2016		<0.0005	<0.0005	0.0002 (J)	<0.0005		
7/28/2016						<0.0005	
8/1/2016							0.0001 (J)
9/20/2016	<0.0005	8E-05 (J)	<0.0005	0.0002 (J)			
9/21/2016					<0.0005	9E-05 (J)	
9/27/2016							0.0001 (J)
11/4/2016	<0.0005		<0.0005	0.0001 (J)	<0.0005		
11/7/2016		<0.0005				0.0001 (J)	
11/11/2016							9E-05 (J)
1/20/2017	<0.0005		<0.0005				
1/23/2017		<0.0005		<0.001			
1/24/2017					<0.0005	0.0002 (J)	
1/31/2017							<0.0005
3/28/2017	<0.0005			0.0001 (J)			
3/29/2017		<0.0005	<0.0005		<0.0005		
3/30/2017						0.0002 (J)	
4/3/2017							0.0001 (J)
6/7/2017	<0.0005						
6/8/2017		<0.0005	<0.0005	0.0002 (J)	<0.0005		
6/9/2017						0.0002 (J)	
6/12/2017							<0.0005
9/27/2017		<0.0005	<0.0005				
9/29/2017	<0.0005			0.0002 (J)	<0.0005	0.0002 (J)	
10/3/2017							<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/15/2018	<0.0005	9.3E-05 (J)		0.00018 (J)	<0.0005	0.0001 (J)	
3/16/2018			<0.0005				
3/19/2018							<0.0005
9/13/2018	<0.0005	<0.0005	<0.0005	0.00012 (J)	<0.0005		
9/14/2018						<0.0005	
9/17/2018							<0.0005
3/15/2019		0.00015 (J)		0.00018 (J)			
3/18/2019	<0.0005				<0.0005		
3/19/2019			<0.0005			<0.0005	
3/20/2019							<0.0005
9/11/2019	<0.0005		<0.0005	0.00021 (JD)	<0.0005	<0.0005	
9/12/2019		<0.0005					
9/16/2019							<0.0005
3/9/2020		0.00015 (J)	<0.0005	0.00016 (J)		<0.0005	
3/10/2020	<0.0005						
3/11/2020					<0.0005		
3/16/2020							<0.0005
9/11/2020					<0.0005		
9/14/2020	<0.0005	0.00014 (J)		0.00019 (J)		<0.0005	
9/15/2020			<0.0005				
9/16/2020							<0.0005
3/11/2021	<0.0005	0.00018 (J)	<0.0005	0.00021 (J)			
3/15/2021					<0.0005	<0.0005	
3/17/2021							0.00013 (J)
8/4/2021				0.0002 (J)			
8/5/2021	<0.0005	<0.0005	<0.0005			<0.0005	
8/9/2021							<0.0005
8/11/2021					<0.0005		
1/31/2022	<0.0005			0.0002 (J)			
2/1/2022		0.00014 (J)	<0.0005		<0.0005	<0.0005	
2/2/2022							<0.0005
8/15/2022	<0.0005	<0.0005	0.00016 (J)	0.00022 (J)	<0.0005	<0.0005	
8/16/2022							<0.0005
2/14/2023	<0.0005	<0.0005	<0.0005	0.00015 (J)	<0.0005	<0.0005	
2/20/2023							<0.0005
7/26/2023	<0.0005			0.00033 (J)			
7/27/2023		0.00017 (J)	<0.0005		<0.0005	<0.0005	
7/28/2023							<0.0005
2/21/2024	<0.0005	0.0002 (J)	<0.0005	0.00027 (J)	<0.0005	<0.0005	
2/26/2024							<0.0005
8/5/2024	<0.0005	0.00019 (J)	<0.0005	0.00021 (J)			
8/6/2024					<0.0005	<0.0005	
8/8/2024							<0.0005
2/26/2025	<0.0005	0.00017 (J)	<0.0005	0.0003 (J)	<0.0005	<0.0005	
2/27/2025							<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.0005					
8/23/2007						<0.0005
10/25/2007	<0.0005					
11/1/2007						<0.0005
11/19/2007						<0.0005
11/20/2007	<0.0005					
1/15/2008						<0.0005
1/23/2008	<0.0005					
3/6/2008						<0.0005
3/11/2008	<0.0005					
5/13/2008						<0.0005
5/14/2008	<0.0005					
12/11/2008	<0.0005					
12/12/2008						<0.0005
4/16/2009						<0.0005
4/23/2009	<0.0005					
10/9/2009	<0.0005					
10/13/2009						<0.0005
4/21/2010						<0.0005
5/4/2010	<0.0005					
9/29/2010						<0.0005
10/11/2010	<0.0005					
4/13/2011						<0.0005
4/26/2011	<0.0005					
10/5/2011						<0.0005
10/18/2011	<0.0005			<0.0005		
4/4/2012						<0.0005
4/30/2012				<0.0005		
5/2/2012	<0.0005					
10/3/2012				<0.0005		
10/8/2012	<0.0005					<0.0005
4/8/2013				<0.0005		<0.0005
4/10/2013	<0.0005					
10/8/2013	<0.0005					
10/9/2013				<0.0005		<0.0005
4/9/2014						<0.0005
4/10/2014				<0.0005		
4/14/2014	<0.0005					
9/30/2014						<0.0005
10/2/2014				<0.0005		
10/3/2014	<0.0005					
4/1/2015	<0.0005					
4/2/2015						<0.0005
4/3/2015				<0.0005		
5/26/2015		<0.0005			<0.0005	
6/18/2015		<0.0005 (D)			<0.0005 (D)	
7/2/2015		<0.0005			<0.0005	
10/8/2015				<0.0005	<0.0005	
10/9/2015	<0.0005	<0.0005				
10/10/2015						<0.0005 (D)
3/22/2016					<0.0005	
3/29/2016	<0.0005	<0.0005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				<0.0005		<0.0005
5/24/2016	<0.0005	<0.0005		<0.0005		
5/25/2016					<0.0005	
5/26/2016						<0.0005
5/31/2016			<0.0005			
8/1/2016	<0.0005	<0.0005				
8/2/2016			<0.0005	<0.0005	<0.0005	
8/5/2016						<0.0005
9/26/2016	8E-05 (J)	<0.0005			<0.0005	
9/27/2016			<0.0005	<0.0005		
9/28/2016						<0.0005
11/14/2016		<0.0005				
11/18/2016	8E-05 (J)					
11/21/2016			<0.0005		<0.0005	<0.0005
11/22/2016				<0.0005		
2/1/2017	<0.0005	<0.0005	9E-05 (J)			
2/3/2017					0.0001 (J)	
2/6/2017				<0.0005		<0.0005
4/6/2017	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005
4/7/2017					<0.0005	
6/13/2017	<0.0005	<0.0005	<0.0005		0.0002 (J)	<0.0005
6/14/2017				<0.0005		
7/14/2017			<0.0005			
10/3/2017	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005
10/4/2017				<0.0005		
3/19/2018	<0.0005					
3/20/2018		<0.0005	<0.0005		<0.0005	<0.0005
3/21/2018				<0.0005		
9/17/2018	<0.0005	<0.0005				
9/18/2018			<0.0005	<0.0005	<0.0005	<0.0005 (D)
3/21/2019	<0.0005	<0.0005	<0.0005			<0.0005
3/27/2019				<0.0005		
5/6/2019					<0.0005	
9/13/2019			<0.0005			
9/16/2019	<0.0005	<0.0005		<0.0005 (D)	<0.0005	<0.0005
3/12/2020	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005
3/16/2020					<0.0005	
9/16/2020	<0.0005	<0.0005	<0.0005			
9/17/2020				<0.0005	<0.0005	<0.0005
3/17/2021	<0.0005	<0.0005	<0.0005	<0.0005		
3/18/2021					<0.0005	<0.0005
8/10/2021	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/2/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/17/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/17/2023	<0.0005	<0.0005				
2/20/2023			<0.0005		<0.0005	
2/21/2023				<0.0005		<0.0005
7/28/2023		<0.0005				
7/31/2023	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005
2/26/2024	<0.0005	<0.0005	<0.0005		<0.0005	
2/27/2024				<0.0005		<0.0005
8/8/2024	<0.0005	<0.0005	<0.0005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/12/2024				<0.0005	<0.0005	<0.0005
2/27/2025	<0.0005	<0.0005	<0.0005			
2/28/2025					<0.0005	<0.0005
3/4/2025				<0.0005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2016					20		
3/15/2016							24
3/22/2016	32.6						
3/23/2016		54.1	46.5			2.05	
5/11/2016					9.76		22.1
5/16/2016				27.8 (D)			
5/19/2016	33.4		24.6				
5/20/2016		23.9					
5/23/2016						1.29	
7/19/2016					3.04		
7/21/2016							19.3
7/27/2016				21.2 (D)			
7/29/2016	26	25.3	14.9			1.29	
9/15/2016					4.78		18.2
9/22/2016			15			1.51	
9/23/2016	28.8	26.6					
11/2/2016					2.46		
11/3/2016							18.2
11/9/2016	27.9	16.1					
11/10/2016			12.6			1.54	
1/17/2017							22
1/18/2017					5.46		
1/30/2017	29.2						
1/31/2017		5.68	16.5			1.34	
2/21/2017				31.7 (D)			
3/24/2017							21.1
3/27/2017				31.9 (D)			
3/28/2017					13		
3/30/2017	30	25.2				1.31	
4/3/2017			16.6				
5/24/2017							23.5
6/7/2017					17		
6/8/2017				35 (D)			
6/9/2017	30.9		17.8				
6/12/2017		34.2				1.4	
7/17/2017				35.9 (D)			
7/27/2017				34.9 (D)			
8/9/2017				33.7 (D)			
9/26/2017					24.9		24.1
9/29/2017				33.4 (D)			
10/2/2017	31.5	1.69	20.6				
10/4/2017						1.13	
12/28/2017					17.9 (Y)		
3/14/2018					26.4		25.7
3/16/2018	28.5		33	32.6			
3/19/2018		63				1.2	
9/12/2018					25.1		18.4 (J)
9/14/2018		2.4	22.8 (J)	29.2			
9/17/2018	30.8					0.95	
3/13/2019							23.8 (X)
3/14/2019				33			
3/15/2019					20.3 (X)		

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/19/2019			59.2				
3/20/2019	30.1	4.3				0.96	
9/9/2019					11.3		15.4
9/10/2019				33.8			
9/12/2019	31.9	1.8					
9/13/2019			27			0.94	
3/9/2020				35.6	3.2		29.4
3/11/2020	31.8	66.6	46.8			1	
9/10/2020					1		
9/11/2020							17.7
9/15/2020	30.8	18.4	21.4				
9/16/2020				34.9			
3/10/2021							22.8
3/12/2021					11		
3/16/2021	34.6		26.7	32.4			
3/17/2021		40.4					
3/29/2021						19	
8/4/2021					10.6		17.1
8/6/2021				33			
8/9/2021	32	41	31.5			19.4	
1/31/2022					12.7		18.5
2/1/2022	34.1	48	34.1				
2/2/2022				32.6		22.6	
8/10/2022					8.7		
8/12/2022							18.5
8/16/2022	34	39.5	37.9	32		22.2	
2/13/2023					12.8		18.4
2/14/2023				31.4			
2/16/2023	33.3	60.5	51.6				
2/17/2023						22.4	
7/25/2023				35.7			
7/26/2023					12.5		18
7/27/2023	29.1	23.3	28				
8/1/2023						22.6	
2/19/2024				34.8	10.8		22.1
2/22/2024	31.8	45.6				22.9	
2/26/2024			30.6				
8/1/2024				33.9	11.5		19
8/6/2024			25.5				
8/7/2024	31.6	32.3					
8/8/2024						23	
2/25/2025					17.4		26.3
2/26/2025				35.4		19.9	
2/27/2025	33.4	41.7	66.7				

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/11/2016			31	13	30		
3/15/2016	24	38					
3/28/2016							3.89
5/12/2016	15.5						
5/13/2016		36		18.7 (o)	27.8		
5/16/2016			32				
5/23/2016							2.16
7/19/2016				12	25.3		
7/20/2016	16.5						
7/21/2016		33.5					
7/22/2016			28.5				
8/1/2016							1.37
9/15/2016	6.1						
9/16/2016				8.48	27.5		
9/19/2016			28.6				
9/21/2016		31.9					
9/26/2016							1.86
11/2/2016				11.4	26.2		
11/3/2016	13.7	28.9	26.6				
11/10/2016							1.86
1/17/2017		31.4	28.7				
1/18/2017	13.1			6.81	26.6		
1/30/2017							2.86
2/22/2017						54.7 (D)	
3/24/2017	17.3						
3/27/2017		31.7	30.4				
3/28/2017				5.61	29		
4/7/2017						46.8 (D)	2.34
6/6/2017	29.1	42.9		4.99	29.3		
6/7/2017			31.3				
6/12/2017							1.87
6/14/2017						52.4 (D)	
7/12/2017						51.1 (D)	
7/20/2017						47.5 (D)	
7/28/2017						44 (D)	
8/9/2017						48.3 (D)	
8/24/2017						41.9 (D)	
9/22/2017				4.24	32.2		
9/25/2017	17.6	29.3					
9/26/2017			29.5				
10/2/2017							2.53
10/3/2017						47.7 (D)	
12/28/2017					29 (Y)		
3/14/2018	39.6	41.4	32.6	3.6			
3/15/2018					28		
3/16/2018							1.8
3/21/2018						47.5	
9/12/2018	14.2 (J)	29		3.7	28.7		
9/14/2018			30.5				
9/17/2018							2.3
9/18/2018						48.1	
3/13/2019				2.9	29.2		

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/14/2019	22.7 (X)	31.9	32				
3/19/2019							4.2
3/21/2019						49.9 (D)	
9/10/2019	6	29.6	34				
9/11/2019				3.2	29.5		
9/12/2019						49.9 (D)	
9/13/2019							1.9
3/6/2020	29.2		38				
3/9/2020		25.5		2.6	31.7		
3/11/2020							1.6
3/12/2020						54.2	
9/10/2020	13.5	22.9	31.1				
9/11/2020				9			
9/14/2020					31		
9/16/2020							1.7
9/17/2020						48.4	
3/10/2021		40.3					
3/11/2021	25.9		34.8	2.1	31.2		
3/16/2021						53.7	
3/17/2021							1.4
8/4/2021	15.7	38.5	34				
8/5/2021					29		
8/6/2021				4			
8/9/2021							1.5
8/10/2021						56.5	
1/31/2022	14.5	39.3	37.3	2.2	30.6		
2/1/2022							1.5
2/3/2022						57.7	
8/10/2022			40.5		33.1		
8/11/2022	16.2	39.7		4.8			
8/16/2022							1.6
8/17/2022						54.7	
2/13/2023	26.9	38.6	35.7		28.5		
2/14/2023				2.2			
2/16/2023							1.4
2/17/2023						59.4	
7/25/2023	10.8	36.7		2.2	34.2		
7/26/2023			35.7				
7/28/2023						43	1.3
2/19/2024	24.9	44.9					
2/20/2024			39.4	2	31.4		
2/22/2024							1.7
2/27/2024						63.1	
8/1/2024	8.5	40	36.9				
8/2/2024				2	32.8		
8/8/2024						56.4	1.7
2/25/2025	31.7	34	38.9	1.6	23.2		
2/27/2025							1.4
2/28/2025						56.6	

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/28/2016	7.04						
3/31/2016		36.4	45				
4/4/2016				21.3	27.9	8.63	36.9
5/25/2016	13.5						
5/26/2016		37.6	41.7	22.5	28.7		
5/27/2016						9.07	
5/31/2016							43.9
8/1/2016	2.2						
8/3/2016			35.2	17.5		6.82	
8/4/2016					18.6		45
8/5/2016		30.7					
9/26/2016	5.72						
9/28/2016		32.4	39.2	24.1	17.7		
9/29/2016							60.5
9/30/2016						8.8	
11/11/2016	2.5						
11/22/2016		31.4	37.2	15.7	20.2	8.08	
11/28/2016							54.7
1/30/2017	2.01						
2/7/2017		30.1	38.4				
2/8/2017				18.3	24.3		
2/9/2017							61
2/13/2017						8.51	
4/3/2017	6.26						
4/10/2017		23.6	38.7	18.5	29		
4/11/2017						7.5	
4/12/2017							52.3
6/12/2017	7.44						
6/14/2017		34.6	40.8			7.82	
6/15/2017				21	29		
6/16/2017							62.3
10/2/2017	6.55						
10/4/2017		35.2	40.1	9.4	23.9	8.32	
10/9/2017							58.6
3/16/2018	2.6						
3/20/2018		12 (J)					
3/21/2018			43.3	19.7 (J)			40.9
3/22/2018					27.5	7.5	
9/18/2018	1.3	36.7	45.4	17.6 (J)	26.3	8.2	
9/19/2018							45.9
3/19/2019	4.6						
3/22/2019		15.4 (J)	37.2				
3/23/2019				7.8	28.3	7.5	29.6
9/12/2019	3.7						
9/17/2019		36.7	40.5	16.8	27.6	7.8	
9/18/2019							40.7
3/11/2020	1.2						
3/12/2020		18.6	43.2	8	32.5	8.1	
3/13/2020							33
9/15/2020	0.94 (J)						
9/17/2020		32.6	39				
9/21/2020				17.7	26	8	

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							43.1
3/17/2021	5.4						
3/18/2021		27	43.8				30.8
3/19/2021				19.7	31.3	7.8	
8/9/2021	1.7						
8/10/2021		29.4					
8/11/2021			44.3	9.1	33.2	8.4	28.4
2/2/2022	0.93 (J)					8.4	
2/4/2022		21.3	46.3	19.2	34.8		
2/17/2022							29.3
8/17/2022	3.8	36.7					
8/18/2022			48.5	10.2	36.9	9.2	33
2/16/2023	0.81 (J)						
2/20/2023		9	46.2	7.4	32.5		
2/21/2023						7.9	
2/22/2023							26.3
7/28/2023	0.6 (J)						
7/31/2023		33.7	42.5				
8/1/2023				23.1	30	7.8	33.5
2/22/2024	0.78 (J)						
2/27/2024		23.3	44.4			8.4	33.2
2/28/2024				20.2	33.7		
8/8/2024	0.72 (J)						
8/12/2024		37	46.6		32	8.2	35.6
8/13/2024				9.2			
2/28/2025	0.81 (J)	19.9					
3/3/2025			41.8		33.2		31
3/4/2025				18.9		7.9	

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/16/2016					5.5	0.8	36
4/4/2016	26.5						
4/5/2016		35.7	37.7	12.2			
5/16/2016					4.3	0.877 (D)	37.4 (D)
5/31/2016			38.4	8.24			
6/1/2016	26.6	28.2					
7/25/2016					1.41	0.781 (D)	30.2 (D)
8/4/2016			28.6				
8/9/2016		43					
9/19/2016					1.01	0.775 (D)	32.3 (D)
9/29/2016			31.4				
11/3/2016					0.884		29.3 (D)
11/4/2016						0.792 (D)	
11/23/2016			62.5 (o)	24.5			
11/28/2016		24.8					
1/19/2017					1.41		
1/20/2017							28.7 (D)
1/23/2017						0.782 (D)	
2/9/2017		21.2					
2/10/2017			31.2	23.8			
2/22/2017	51.6						
3/28/2017					4.23		
3/29/2017						0.756 (D)	34.9 (D)
4/11/2017	45.2	21.1		25.7			
4/12/2017			34.1				
6/5/2017					10.1		
6/7/2017						0.944	30.9
6/14/2017		20.6					
6/15/2017			34.2	24.8			
6/16/2017	47.5						
7/12/2017	51.6	17.7		27.7			
7/26/2017				25.6			
7/28/2017	46						
8/10/2017	52.2						
9/26/2017					4.14		
9/27/2017						0.773	34.2
10/5/2017		20.1					
10/6/2017	42.2		35.4	24.7			
3/15/2018					9	0.77	34.6
3/22/2018		18.6 (J)					
3/23/2018	41.4		35.6	24.3 (J)			
9/12/2018					4.1		
9/13/2018						0.79	36.1
9/19/2018		20 (J)	35.7	23.7 (J)			
9/20/2018	47.5						
3/14/2019					17.2 (X)	0.9 (D)	37 (D)
3/22/2019	40.5	16.7 (J)		21.3 (J)			
3/25/2019			35.6				
9/11/2019					7.1	0.83 (D)	37.2 (D)
9/17/2019		11.4	39.5	22.1			
9/18/2019	42.9						
3/10/2020					16.9	0.89 (J)	43.5

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/13/2020		17	41	24.2			
3/17/2020	44.9						
9/11/2020						0.81 (J)	35.3
9/15/2020					8.3		
9/21/2020		13.1	36.5	22.6			
9/22/2020	47.7						
3/11/2021					11.9	0.93 (J)	43.1
3/18/2021		13	42.1	27.4			
3/19/2021	43						
8/4/2021					12.5		
8/6/2021						0.94 (J)	40.6
8/11/2021		14.3	38.6	25.4			
8/12/2021	43.1						
1/31/2022					11.2		
2/1/2022						1.1	43.9
2/4/2022	43.9	14.3	41.7				
2/7/2022				26.1			
8/12/2022						1.1	43.3
8/15/2022					10.6		
8/18/2022		14.7					
8/19/2022	47.3		40.4	28.1			
2/14/2023					12.5	1	47.5
2/22/2023	40.1	14.3	38.1	24.4			
7/26/2023					3.6	0.97 (J)	45.7
8/1/2023		12.5		24.5			
8/2/2023	40.6		34.6				
2/20/2024					7.6	1	41.5
2/28/2024	43.6	13	34	25.6			
8/5/2024						0.98 (J)	41.3
8/6/2024					2.1		
8/13/2024	40.8	12.1	30.3	25			
2/26/2025					7.3	1	40.3
3/3/2025		12.5	26.6	24.4			
3/4/2025	40.1						

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/10/2016	50	26	25	12			
3/17/2016					24	6.4	
3/28/2016							4.29
5/17/2016	50.5			3.25			
5/18/2016		26.2	27.6		27.7	4.63	
5/25/2016							7.15
7/26/2016	40.7						
7/27/2016		19.3	23.9	3.2	21.7		
7/28/2016						2.25	
8/1/2016							3.35
9/20/2016	38.8	25.3	28.9	2.72			
9/21/2016					24.9	1.86	
9/27/2016							2.89
11/4/2016	40.7		32.1	1.69	23.6		
11/7/2016		23.6				1.65	
11/11/2016							3.33
1/20/2017	38.8		31.8				
1/23/2017		25.1		<0.5			
1/24/2017					23	1.62	
1/31/2017							3.21
3/28/2017	48.3			1.72			
3/29/2017		28.9	34.6		27.5		
3/30/2017						1.27	
4/3/2017							2.57
6/7/2017	43.4						
6/8/2017		25.6	34	3.11	27.1		
6/9/2017						1.18	
6/12/2017							6.22
9/27/2017		23.8	30.8				
9/29/2017	46.6			2.71	25.3	0.967	
10/3/2017							2.45
3/15/2018	46.2	21.6 (J)		3.5	24.4 (J)	0.81	
3/16/2018			30.2				
3/19/2018							3.3
9/13/2018	45.3	23.8 (J)	30.9	2.5	22.8 (J)		
9/14/2018						0.7	
9/17/2018							2
3/15/2019		20.4 (X)		4.4			
3/18/2019	46.1				31		
3/19/2019			28.4			1.1	
3/20/2019							2.7
9/11/2019	43.1		33.3	2.9	24.3	0.78	
9/12/2019		21.1					
9/16/2019							2.8
3/9/2020		22.3	35	4.5		0.87 (J)	
3/10/2020	51.6						
3/11/2020					27.1		
3/16/2020							12.1
9/11/2020					24.7		
9/14/2020	40.2	20.9		3.5		0.65 (J)	
9/15/2020			31.6				
9/16/2020							2.8

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/11/2021	45.2	21.1	31.8	5.9			
3/15/2021					24.7	0.69 (J)	
3/17/2021							3
8/4/2021				2.8			
8/5/2021	43.7	20.4	29			0.67 (J)	
8/9/2021							2.6
8/11/2021					27.4		
1/31/2022	39.9			2.8			
2/1/2022		21.3	29.4		26	0.62 (J)	
2/2/2022							3.7
8/15/2022	38.7	33.7 (J)	22.3	5.6	25.4	0.7 (J)	
8/16/2022							3.7
2/14/2023	41.1	20.5	31.6	3	24.3	0.65 (J)	
2/20/2023							3.5
7/26/2023	37.7			3.8			
7/27/2023		17.3	27.9		21.8	0.61 (J)	
7/28/2023							1.9
2/21/2024	39.6	22.1	28.7	4.2	26.4	0.67 (J)	
2/26/2024							3.9
8/5/2024	40.4	24.9	35.3	5.1			
8/6/2024					26.5	0.63 (J)	
8/8/2024							1.8
2/26/2025	44.6	28.6	36.7	5.7	26.9	0.7 (J)	
2/27/2025							3.6

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/22/2016					25.1	
3/29/2016	13.8	11.1				
3/30/2016				22.2		9.07
5/24/2016	14.8	12.6		25.2		
5/25/2016					23.7	
5/26/2016						15.8
5/31/2016			25.7			
8/2/2016			22.9	20.8	21.5	
8/5/2016						20.5
9/26/2016	13.3	11.8			21.4	
9/27/2016			22.2	23.1		
9/28/2016						24.9
11/14/2016		11.3				
11/18/2016	12.4					
11/21/2016			22.1		21	23.4
11/22/2016				22.3		
2/1/2017	13.3	12.6	21.7			
2/3/2017					20	
2/6/2017				21.4		1.7
4/6/2017	13.4	9.84	21.4	21.1		1.6
6/13/2017	14.6	13	24.4		21.5	3.82
6/14/2017				22.1		
7/14/2017			24.8			
10/3/2017	13.9	13.7	23.6		22.8	9.77
10/4/2017				23.1		
3/19/2018	14.4 (J)					
3/20/2018		11.5 (J)	22.9 (J)		20.3 (J)	1.4
3/21/2018				22.5 (J)		
9/17/2018	12.4 (J)	11 (J)				
9/18/2018			20.8 (J)	20.8 (J)	15.5 (J)	3.35 (D)
3/21/2019	14.9 (J)	8.3	25.2			4.8
3/27/2019				20.6 (J)		
5/6/2019					20 (J)	
9/13/2019			24.6			
9/16/2019	13.5	9.5		23	20.3	12
3/12/2020	16.2	9.3	26.4	21.8		1.8
3/16/2020					19.4	
9/16/2020	14.3	8.8	24.4			
9/17/2020				21.4	18.1	18.3
3/17/2021	14.1	9.5	23.9	22.4		
3/18/2021					9.6	1.9
8/10/2021	14.7	9.9	26.2	23.5	20	1.9
2/2/2022	15.5	10.5	26.9	23.9	20.8	2.2
8/17/2022	15.8	10	27.2	24	10.4	2.5
2/17/2023	15.2	9.7				
2/20/2023			26.1		18.5	
2/21/2023				18		2.3
7/28/2023		7.1				
7/31/2023	14.6		23.6	23	20.8	11.6
2/26/2024	15.5	9.7	25.9		20	
2/27/2024				24.2		2.6
8/8/2024	15.9	9.1	23.8			

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/12/2024				23.8	20.9	11.6
2/27/2025	15.4	9.8	24.3			
2/28/2025					19.2	3.5
3/4/2025				22.2		

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2016					1.795		
3/15/2016							1.1671
3/22/2016	1.5101						
3/23/2016		2.4904	0.9079			1.6092	
5/11/2016					2.04		0.8763
5/16/2016				1.74 (D)			
5/19/2016	1.5		0.9136				
5/20/2016		1.71					
5/23/2016						1.52	
7/19/2016					2.1		
7/21/2016							1.4
7/27/2016				2.1 (D)			
7/29/2016	1.7	2	1.1			1.5	
9/15/2016					1.7		
9/19/2016							1.1
9/22/2016			1			1.4	
9/23/2016	1.8	1.8					
11/2/2016					1.8		
11/3/2016							1.2
11/9/2016	2	1.6					
11/10/2016			1.2			1.6	
1/17/2017							1
1/18/2017					1.7		
1/30/2017	1.5						
1/31/2017		1.3	1.2			1.6	
2/21/2017				4 (D)			
3/24/2017							1.2
3/27/2017				2.6 (D)			
3/28/2017					1.3		
3/30/2017	1.8	1.6				1.4	
4/3/2017			0.99				
5/24/2017							1.5
6/7/2017					1.2		
6/8/2017				2.1 (D)			
6/9/2017	1.6		0.87				
6/12/2017		1.6				1.4	
7/17/2017				1.9 (D)			
7/27/2017				3 (D)			
8/9/2017				2.5 (D)			
9/26/2017					1.7		2.4
9/29/2017				2.7 (D)			
10/2/2017	1.6	0.94	1				
10/4/2017						1.5	
12/28/2017							3.9 (Y)
3/14/2018					1.4		2.4
3/16/2018	1.7		1.6	2.6			
3/19/2018		1.9				1.5	
9/12/2018					1.6		1
9/14/2018		0.98	0.92	1.9			
9/17/2018	1.55 (D)					1.5	
3/13/2019							2.2
3/14/2019				2.8			

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/15/2019					1.7		
3/19/2019			2				
3/20/2019	<1.4	<0.86				<1.5	
9/9/2019					1.2		0.83 (X)
9/10/2019				2.3			
9/12/2019	1.3	0.815 (JD)					
9/13/2019			0.94 (J)			1.5	
3/9/2020				1.5	1.2		1.5
3/11/2020	1.4	2	0.6 (J)			1.4	
9/10/2020					1.2		
9/11/2020							0.77 (J)
9/15/2020	1.3	1.2	0.75 (J)				
9/16/2020				1.7			
3/10/2021							0.97 (J)
3/12/2021					1.2		
3/16/2021	1.3		0.73 (J)	1.3			
3/17/2021		1.4					
3/29/2021						1.5	
8/4/2021					1.1		0.82 (J)
8/6/2021				1.3			
8/9/2021	1.3	1.5	1.1			1.4	
1/31/2022					1		0.71 (J)
2/1/2022	1.2	1.4	0.77 (J)				
2/2/2022				1.5		1.9	
8/10/2022					0.93 (J)		
8/12/2022							<1
8/16/2022	0.99 (J)	1.1	0.82 (J)	1.6		2.5	
2/13/2023					1.3		1.1
2/14/2023				1.6			
2/16/2023	1.2	1.6	1.9				
2/17/2023						6.3	
7/25/2023				1.7			
7/26/2023					1.3		0.92 (J)
7/27/2023	1.2	1.3	0.92 (J)				
8/1/2023						5.7	
2/19/2024				1.4	1		0.75 (J)
2/22/2024	1.1	1.3				7.1	
2/26/2024			2				
8/1/2024				1.5	1.2		0.96 (J)
8/6/2024			1.1				
8/7/2024	1.3	1.4					
8/8/2024						7.3	
2/25/2025					0.96 (J)		0.99 (J)
2/26/2025				1.2		9.3	
2/27/2025	0.93 (J)	1.1	3.2				

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/11/2016			2.4984	1.2562	1.9467		
3/15/2016	4.1666	6.1465					
3/28/2016							1.14
5/12/2016	1.78						
5/13/2016		3.08		1.32	2.14		
5/16/2016			2.22				
5/23/2016							1.19
7/19/2016				1.3	3.1		
7/20/2016	1.8						
7/21/2016		3.7					
7/22/2016			2.6				
8/1/2016							1.2
9/15/2016	1.4						
9/16/2016				1.2	3.5		
9/19/2016			2.5				
9/21/2016		2.4					
9/26/2016							1.1
11/2/2016				1.4	4.7		
11/3/2016	1.6	3.4	3				
11/10/2016							1.3
1/17/2017		1.9	2.9				
1/18/2017	1.5			1.2	4.9		
1/30/2017							1.2
2/22/2017						3.7 (D)	
3/24/2017	1.4						
3/27/2017		2.4	3				
3/28/2017				1.4	4.1		
4/7/2017						2.5 (D)	1.2
6/6/2017	2.8	4.5		1.4	3.6		
6/7/2017			3				
6/12/2017							1.1
6/14/2017						2.6 (D)	
7/12/2017						2.8 (D)	
7/20/2017						2.3 (D)	
7/28/2017						2 (D)	
8/9/2017						1.8 (D)	
8/24/2017						2.9 (D)	
9/22/2017				1.3	3.9		
9/25/2017	1.8	2.5					
9/26/2017			3.1				
10/2/2017							1.2
10/3/2017						2.8 (D)	
3/14/2018	3	4 (J)	3.2	1.3			
3/15/2018					2.8		
3/16/2018							1.4
3/21/2018						2.9	
9/12/2018	1.4	2.1		1.3	3.1		
9/14/2018			2.3				
9/17/2018							1.1
9/18/2018						3.1	
3/13/2019				1.6	2.9		
3/14/2019	2.6	2.9	3.6				

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/19/2019							<1.2
3/21/2019						3.6 (D)	
9/10/2019	1.1	1.7	2				
9/11/2019				1.3	3.1		
9/12/2019						2.1 (D)	
9/13/2019							1
3/6/2020	1.3		2.7				
3/9/2020		1.3		1.2	2.2		
3/11/2020							0.91 (J)
3/12/2020						2.3	
9/10/2020	1.2	1.4	2				
9/11/2020				1.3			
9/14/2020					3.3		
9/16/2020							0.97 (J)
9/17/2020						2.4	
3/10/2021		1.6					
3/11/2021	1.5		2.5	1.3	2.7		
3/16/2021						2.7	
3/17/2021							1 (J)
8/4/2021	1.2	1.3	2.3				
8/5/2021					1.9		
8/6/2021				1.3			
8/9/2021							1 (J)
8/10/2021						2.8	
1/31/2022	1	1	2	1.1	1.7		
2/1/2022							0.91 (J)
2/3/2022						2.6	
8/10/2022			1.8		1.7		
8/11/2022	1.3	1.4		1.4			
8/16/2022							0.69 (J)
8/17/2022						2.6	
2/13/2023	1.6	1.5	2.4		1.8		
2/14/2023				1.3			
2/16/2023							0.91 (J)
2/17/2023						3	
7/25/2023	0.97 (J)	1.3		1.4	2		
7/26/2023			1.9				
7/28/2023						3	0.95 (J)
2/19/2024	1.2	1.3					
2/20/2024			2.4	1.2	2		
2/22/2024							0.88 (J)
2/27/2024						3.2	
8/1/2024	1.3	1.6	2.5				
8/2/2024				1.2	2.2		
8/8/2024						2.2	1.1
2/25/2025	0.99 (J)	0.95 (J)	2.3	1.1	1.5		
2/27/2025							0.76 (J)
2/28/2025						2.5	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/28/2016	0.9204						
3/31/2016		2.72	2.79				
4/4/2016				1.42	1.67	1.03	3.55
5/25/2016	1.04						
5/26/2016		2.63	2.87	1.37	1.64		
5/27/2016						0.9684	
5/31/2016							3.55
8/1/2016	0.85						
8/3/2016			3.2	1.4		1.3	
8/4/2016					1.7		4.4
8/5/2016		3					
9/26/2016	0.87						
9/28/2016		2.5	3	1.2	1.4		
9/29/2016							4
9/30/2016						1.2	
11/11/2016	0.99						
11/22/2016		2.6	3.1	1.6	1.9	1.2	
11/28/2016							4
1/30/2017	0.95						
2/7/2017		2.3	3				
2/8/2017				1.4	1.7		
2/9/2017							7.5
2/13/2017						0.96	
4/3/2017	0.88						
4/10/2017		1.9	2.3	1.3	1.8		
4/11/2017						1.2	
4/12/2017							5.3
6/12/2017	0.83						
6/14/2017		1.9	2			0.89	
6/15/2017				1.2	1.5		
6/16/2017							5.4
10/2/2017	0.94						
10/4/2017		2	2.1	1.3	1.6	1	
10/9/2017							6.2
3/16/2018	<1						
3/20/2018		2.2					
3/21/2018			2.5	1.6			4.6
3/22/2018					2	<1.3	
9/18/2018	1	2.4	2.5	1.5	1.9	1.3	
9/19/2018							5.1
3/19/2019	<1						
3/22/2019		2.2	2.8				
3/23/2019				1.2	1.7	0.88	3.5
9/12/2019	0.74 (J)						
9/17/2019		2.4	2.8	1.1	1.4	0.835 (JD)	
9/18/2019							4
3/11/2020	0.73 (J)						
3/12/2020		2.3	3	1	1.5	0.84 (J)	
3/13/2020							3.3
9/15/2020	0.7 (J)						
9/17/2020		2.5	2.9				
9/21/2020				1	1.3	0.71 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							3.5
3/17/2021	0.81 (J)						
3/18/2021		2.1	2.5				3.4
3/19/2021				1.1	1.4	0.79 (J)	
8/9/2021	0.78 (J)						
8/10/2021		1.9					
8/11/2021			2.1	0.9 (J)	1.3	0.72 (J)	2.9
2/2/2022	0.7 (J)					0.79 (J)	
2/4/2022		1.9	2.2	1.1	1.4		
2/17/2022							3.1
8/17/2022	<1	1.6					
8/18/2022			2.5 (J)	1.2	1.7	1	3.4
2/16/2023	0.71 (J)						
2/20/2023		1.9	2.4	1.2	1.6		
2/21/2023						0.99 (J)	
2/22/2023							3.2
7/28/2023	0.72 (J)						
7/31/2023		2.1	2.3				
8/1/2023				1.3	1.6	0.96 (J)	3.3
2/22/2024	0.64 (J)						
2/27/2024		1.7	2.1			0.74 (J)	3
2/28/2024				1	1.3		
8/8/2024	0.86 (J)						
8/12/2024		2	2.2		1.4	0.74 (J)	3.2
8/13/2024				0.9 (J)			
2/28/2025	0.87 (J)	2					
3/3/2025			2.5		1.6		3.3
3/4/2025				0.87 (J)		0.62 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/16/2016					6.505	0.9445	3.0774
4/4/2016	3.3						
4/5/2016		1.93	2.08	0.9439			
5/16/2016					5.08	0.9104 (D)	3 (D)
5/31/2016			1.51	1			
6/1/2016	3.18	1.93					
7/25/2016					1.2	1.2 (D)	3 (D)
8/4/2016			1.7				
8/9/2016		2.4					
9/19/2016					1.9	1.1 (D)	3 (D)
9/29/2016			1.5				
11/3/2016					2		3 (D)
11/4/2016						1 (D)	
11/23/2016			1.9	1.7			
11/28/2016		3					
1/19/2017					2.6		
1/20/2017							3.3 (D)
1/23/2017						1.2 (D)	
2/9/2017		3					
2/10/2017			1.5	1.6			
2/22/2017	7.2						
3/28/2017					5.7		
3/29/2017						1.1 (D)	3.2 (D)
4/11/2017	5.5	4.5		1.5			
4/12/2017			1.7				
6/5/2017					7.8		
6/7/2017						1	3.1
6/14/2017		3					
6/15/2017			1.4	1			
6/16/2017	8.7						
7/12/2017	7.5	3.9		1.8			
7/20/2017					7.4		
7/26/2017				1.2			
7/28/2017	6.6						
8/10/2017	8.5						
9/26/2017					3.7		
9/27/2017						1.1	3.2
10/5/2017		2.7					
10/6/2017	8.9		1.6	1.7			
3/15/2018					6.5	<1	3.3
3/22/2018		3.4					
3/23/2018	8.3		1.5	<1			
9/12/2018					3.6		
9/13/2018						0.93	2.9
9/19/2018		2.8	1.7	1.1			
9/20/2018	9.6						
3/14/2019					6.4	<1 (D)	4.3 (D)
3/22/2019	7.4	3.7		1.2			
3/25/2019			1.9				
9/11/2019					3.7	0.81 (XJD)	2.9 (D)
9/17/2019		3.8	2	0.78 (X)			
9/18/2019	7.6						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/10/2020					5.9	0.8 (J)	4.4
3/13/2020		4.2	1.6	0.7 (J)			
3/17/2020	7.7						
9/11/2020						0.79 (J)	3.1
9/15/2020					4.2		
9/21/2020		3.5	1.6	0.64 (J)			
9/22/2020	7						
3/11/2021					5.5	0.83 (J)	4
3/18/2021		4	1.7	0.67 (J)			
3/19/2021	7.4						
8/4/2021					4.9		
8/6/2021						0.86 (J)	3.8
8/11/2021		3.4	1.2	<1			
8/12/2021	5.8						
1/31/2022					4.2		
2/1/2022						0.79 (J)	4.3
2/4/2022	6.1	3.6	1.2				
2/7/2022				0.6 (J)			
8/12/2022						<1	3
8/15/2022					5.1		
8/18/2022		4.3					
8/19/2022	6.4		1.4	0.88 (J)			
10/11/2022					2.9		
2/14/2023					5.7	0.81 (J)	5.3
2/22/2023	5.8	4	1.5	0.83 (J)			
7/26/2023					2.4	0.99 (J)	3.2
8/1/2023		3.7		0.82 (J)			
8/2/2023	5.4		1.2				
2/20/2024					4.8	0.76 (J)	3.2
2/28/2024	5.3	3.7	0.8 (J)	<1			
8/5/2024						0.78 (J)	3.1
8/6/2024					2		
8/13/2024	4.9	3.6	0.65 (J)	<1			
2/26/2025					4	0.65 (J)	2.9
3/3/2025		3.8	0.84 (J)	0.8 (J)			
3/4/2025	4.4						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/10/2016	1.9859	2.2206	2.5934	2.4266			
3/17/2016					1.4476	1.0624	
3/28/2016							0.8659
5/17/2016	2.37			2.01			
5/18/2016		2.42	2.51		1.43	1.41	
5/25/2016							0.8639
7/26/2016	2.4						
7/27/2016		2.4	2.5	2.3	1.6		
7/28/2016						1.4	
8/1/2016							0.93
9/20/2016	2.4	2.4	2.4	2.2			
9/21/2016					1.6	1.2	
9/27/2016							0.8
11/4/2016	2.8		2.9	3	1.6		
11/7/2016		2.8				1.4	
11/11/2016							0.95
1/20/2017	2.2		2.7				
1/23/2017		2.4		2.5			
1/24/2017					1.7	<1.1 (*)	
1/31/2017							0.99
3/28/2017	2.3			2.2			
3/29/2017		2.8	2.3		1.6		
3/30/2017						1.2	
4/3/2017							0.93
6/7/2017	2.3						
6/8/2017		2.5	2.3	2.3	1.6		
6/9/2017						1.1	
6/12/2017							0.91
9/27/2017		2.4	2.4				
9/29/2017	2.1			2.5	1.7	1.2	
10/3/2017							0.95
3/15/2018	2	2.7		2.6	1.6	1.4	
3/16/2018			2.7				
3/19/2018							0.82
9/13/2018	1.9	2.6	2.5	2.8	1.3		
9/14/2018						1.1	
9/17/2018							0.9
3/15/2019		2.8		3.3			
3/18/2019	1.8				2.7		
3/19/2019			2.6			<1.1	
3/20/2019							<1
9/11/2019	1.4		2.1	3.3	1.4	1	
9/12/2019		2.3					
9/16/2019							0.73 (J)
3/9/2020		2.3	2.3	3.4		1	
3/10/2020	1.2						
3/11/2020					1.4		
3/16/2020							0.67 (J)
9/11/2020					1.2		
9/14/2020	1.1	2.2		4		0.98 (J)	
9/15/2020			2.2				
9/16/2020							0.7 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/11/2021	1.1	2.3	2.4	4.5			
3/15/2021					1.2	0.98 (J)	
3/17/2021							0.69 (J)
8/4/2021				5			
8/5/2021	1.2	2.2	2.3			1	
8/9/2021							0.74 (J)
8/11/2021					1.1		
1/31/2022	1.7			4.8			
2/1/2022		2	2.3		1.1	0.93 (J)	
2/2/2022							0.66 (J)
4/28/2022				5			
8/15/2022	3	2.4	2.2	5.4	1.3	1.2	
8/16/2022							<1
10/21/2022				5.9			
2/14/2023	3.7	2	2.8	6	1	1	
2/20/2023							0.88 (J)
3/16/2023				5.4			
7/26/2023	3.9			6.4			
7/27/2023		2	2.2		1.1	1	
7/28/2023							0.69 (J)
2/21/2024	4.2	1.9	1.5	7.1	1	0.97 (J)	
2/26/2024							0.63 (J)
8/5/2024	4.4	2.3	1.9	6.2			
8/6/2024					1.2	1.2	
8/8/2024							0.81 (J)
2/26/2025	3.4	1.9	1.9	5.5	0.88 (J)	0.85 (J)	
2/27/2025							<1

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/22/2016					1.4231	
3/29/2016	1.3977	1.6645				
3/30/2016				0.9409		2.21
5/24/2016	1.33	1.58		0.92		
5/25/2016					1.11	
5/26/2016						2.1
5/31/2016			1.33			
8/1/2016	1.2	1.4				
8/2/2016			1.5	1.2	1.5	
8/5/2016						2.4
9/26/2016	1.1	1.4			1.6	
9/27/2016			1.4	1.1		
9/28/2016						2.1
11/14/2016		1.6				
11/18/2016	1.2					
11/21/2016			1.5		1.5	2.2
11/22/2016				1.2		
2/1/2017	1.3	1.4	1.5			
2/3/2017					1.8	
2/6/2017				1.1		2.5
4/6/2017	1.1	1.5	1.2	1.2		2.2
4/7/2017					1.5	
6/13/2017	1.2	1.3	0.98		1.3	2
6/14/2017				0.92		
7/14/2017			1.1			
10/3/2017	1.2	1.3	1		1.4	2
10/4/2017				1		
3/19/2018	1.2					
3/20/2018		1.7	1.5		1.8	2.4
3/21/2018				1.3		
9/17/2018	1.1	1.3				
9/18/2018			1.3	1.2	1.9	2.4 (D)
3/21/2019	<1.4	<1.5	<1			2
3/27/2019				0.9		
5/6/2019					1.1	
9/13/2019			1			
9/16/2019	1.1	1.2		0.75 (JD)	1.4	1.9
3/12/2020	1.3	1.3	0.72 (J)	0.93 (J)		1.9
3/16/2020					1.3	
9/16/2020	1.2	1.2	0.79 (J)			
9/17/2020				0.77 (J)	1.4	1.9
3/17/2021	1.2	1.4	0.79 (J)	0.78 (J)		
3/18/2021					1.6	2.2
8/10/2021	1	1.1	0.68 (J)	0.68 (J)	1.2	1.8
2/2/2022	1.1	1.3	0.76 (J)	0.77 (J)	1.4	2.1
8/17/2022	0.89 (J)	0.99 (J)	<1	<1	1.3	1.9
2/17/2023	1.4	1.5				
2/20/2023			0.94 (J)		1.6	
2/21/2023				0.97 (J)		2.1
7/28/2023		1.3				
7/31/2023	1.3		0.94 (J)	0.98 (J)	1.5	2
2/26/2024	1.1	1.4	0.74 (J)		1.4	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
2/27/2024				0.71 (J)		1.9
8/8/2024	1.2	1.3	0.91 (J)			
8/12/2024				0.74 (J)	1.4	1.8
2/27/2025	0.95 (J)	1.1	0.62 (J)			
2/28/2025					1.6	2.3
3/4/2025				0.61 (J)		

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.005	0.0045	<0.005			<0.005	
10/23/2007	0.011						
10/24/2007		0.039 (O)	0.0033				
11/2/2007						0.027 (O)	
11/18/2007	0.038 (O)	0.059 (O)	0.012			0.17 (O)	
1/30/2008	0.11 (O)						
1/31/2008		0.0067	0.052 (O)			0.012	
3/10/2008	0.038 (O)		0.01				
3/11/2008		0.03 (O)				0.063 (O)	
5/6/2008		0.0062					
5/13/2008	0.012		0.0068				
5/14/2008						0.057 (O)	
12/4/2008		0.009	0.0017				
12/5/2008	<0.005					<0.005	
4/15/2009	<0.005					<0.005	
4/21/2009		0.0022	<0.005				
10/7/2009	0.0065	<0.005					
10/8/2009			<0.005			<0.005	
4/21/2010			<0.005				
4/26/2010		<0.005					
4/28/2010						<0.005	
5/3/2010	<0.005						
9/28/2010			<0.005				
10/4/2010		<0.005					
10/6/2010						<0.005	
10/12/2010	<0.005						
4/12/2011			<0.005				
4/13/2011		<0.005					
4/21/2011						<0.005	
4/27/2011	<0.005						
10/4/2011			<0.005				
10/5/2011		<0.005					
10/13/2011						<0.005	
10/17/2011	<0.005						
4/3/2012			<0.005				
4/11/2012		<0.005					
5/1/2012						<0.005	
5/2/2012	<0.005						
10/8/2012	<0.005						
10/9/2012		<0.005	<0.005			<0.005	
4/11/2013			<0.005			<0.005	
4/12/2013	0.0019						
4/15/2013		0.0013					
10/15/2013		0.0023					
10/16/2013	0.0024		<0.005			0.0013	
4/10/2014			<0.005				
4/11/2014	0.0013 (J)						
4/22/2014		<0.005					
4/23/2014						<0.005	
9/30/2014	<0.005	<0.005	<0.005				
10/4/2014						<0.005	
3/30/2015	0.0047	0.0011 (J)	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						<0.005	
10/12/2015						<0.005	
10/13/2015	<0.005	<0.005	<0.005				
3/14/2016					<0.005		
3/15/2016							<0.005
3/22/2016	<0.005						
3/23/2016		<0.005	<0.005			<0.005	
5/11/2016					<0.005		<0.005
5/16/2016				<0.005 (D)			
5/19/2016	<0.005		<0.005				
5/20/2016		<0.005					
5/23/2016						<0.005	
7/19/2016					<0.005		
7/21/2016							<0.005
7/27/2016				0.0017 (JD)			
7/29/2016	<0.005	<0.005	<0.005			<0.005	
9/15/2016					<0.005		<0.005
9/22/2016			<0.005			0.0013 (J)	
9/23/2016	<0.005	<0.005					
11/2/2016					<0.005		
11/3/2016							<0.005
11/9/2016	0.0011 (J)	<0.005					
11/10/2016			<0.005			<0.005	
1/17/2017							<0.005
1/18/2017					<0.005		
1/30/2017	<0.005						
1/31/2017		<0.005	<0.005			<0.005	
2/21/2017				0.001 (J)			
3/24/2017							<0.005 (*)
3/27/2017				<0.005 (D)			
3/28/2017					<0.005 (*)		
3/30/2017	<0.005	<0.005				<0.005	
4/3/2017			<0.005				
5/24/2017							0.0008 (J)
6/7/2017					<0.005		
6/8/2017				<0.005 (D)			
6/9/2017	<0.005		<0.005				
6/12/2017		0.0008 (J)				<0.005	
7/17/2017				<0.005 (D)			
7/27/2017				0.0005 (J)			
8/9/2017				0.0005 (J)			
9/26/2017					<0.005		0.0005 (J)
9/29/2017				0.0006 (JD)			
10/2/2017	<0.005	<0.005	<0.005				
10/4/2017						<0.005	
3/14/2018					<0.005		<0.005
3/16/2018	<0.005		<0.005	<0.005			
3/19/2018		0.0031 (J)				<0.005	
9/12/2018					<0.005		<0.005
9/14/2018		<0.005	<0.005	<0.005			
9/17/2018	<0.005 (D)					<0.005	
3/13/2019							<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				0.004 (J)			
3/15/2019					<0.005		
3/19/2019			<0.005				
3/20/2019	<0.005	<0.005				<0.005	
9/9/2019					<0.005		<0.005
9/12/2019	<0.005	<0.005 (D)					
9/13/2019			<0.005			0.00073 (J)	
3/9/2020				0.0016 (J)	0.069 (o)		0.0009 (J)
3/11/2020	0.0012 (J)	0.0025 (J)	0.0042 (J)			0.00095 (J)	
9/10/2020					<0.005		
9/11/2020							<0.005
9/15/2020	<0.005	0.00086 (J)	<0.005				
9/16/2020				0.00058 (J)			
3/10/2021							0.00075 (J)
3/12/2021					0.00064 (J)		
3/16/2021	<0.005		<0.005	0.0008 (J)			
3/17/2021		<0.005					
3/29/2021						0.00062 (J)	
8/4/2021					<0.005		<0.005
8/6/2021				<0.005			
8/9/2021	<0.005	<0.005	<0.005			<0.005	
1/31/2022					<0.005		<0.005
2/1/2022	<0.005	<0.005	<0.005				
2/2/2022				0.0012 (J)		0.0069	
8/10/2022					<0.005		
8/12/2022							<0.005
8/16/2022	<0.005	<0.005	<0.005	<0.005		<0.005	
2/13/2023					<0.005		<0.005
2/14/2023				<0.005			
2/16/2023	<0.005	<0.005	<0.005				
2/17/2023						<0.005	
7/25/2023				<0.005			
7/26/2023					<0.005		<0.005
7/27/2023	<0.005	<0.005	<0.005				
8/1/2023						<0.005	
2/19/2024				<0.005	<0.005		<0.005
2/22/2024	<0.005	<0.005				<0.005	
2/26/2024			<0.005				
8/1/2024				<0.005	<0.005		<0.005
8/6/2024			<0.005				
8/7/2024	<0.005	<0.005					
8/8/2024						<0.005	
2/25/2025					<0.005		<0.005
2/26/2025				<0.005		<0.005	
2/27/2025	<0.005	<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.005
4/23/2009							<0.005
10/6/2009							<0.005
4/27/2010							<0.005
9/30/2010							0.0014
4/14/2011							0.0014
10/5/2011							<0.005
4/11/2012							<0.005
10/2/2012							<0.005
4/9/2013							<0.005
10/15/2013							<0.005
4/10/2014							0.0013 (J)
10/1/2014							<0.005
3/30/2015							<0.005
10/11/2015							<0.005
3/11/2016			<0.005	<0.005	0.00212 (J)		
3/15/2016	<0.005	<0.005					
3/28/2016							<0.005
5/12/2016	<0.005						
5/13/2016		<0.005		<0.005	<0.005		
5/16/2016			<0.005				
5/23/2016							<0.005
7/19/2016				<0.005	0.0006 (J)		
7/20/2016	<0.005						
7/21/2016		<0.005					
7/22/2016			<0.005				
8/1/2016							<0.005
9/15/2016	<0.005						
9/16/2016				<0.005	<0.005		
9/19/2016			<0.005				
9/21/2016		<0.005					
9/26/2016							<0.005
11/2/2016				<0.005	<0.005		
11/3/2016	<0.005	<0.005	<0.005				
11/10/2016							<0.005
1/17/2017		<0.005	<0.005				
1/18/2017	<0.005			<0.005	0.0014 (J)		
1/30/2017							<0.005
2/22/2017						<0.005	
3/24/2017	<0.005 (*)						
3/27/2017		<0.005	<0.005				
3/28/2017				<0.005 (*)	<0.005 (*)		
4/7/2017						<0.005	<0.005
6/6/2017	<0.005	0.0004 (J)		0.0004 (J)	0.0009 (J)		
6/7/2017			<0.005				
6/12/2017							<0.005
6/14/2017						<0.005 (D)	
7/12/2017						<0.005 (D)	
7/20/2017						<0.005 (D)	
7/28/2017						<0.005	
8/9/2017						<0.005	
8/24/2017						<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				0.0008 (J)	0.0006 (J)		
9/25/2017	<0.005	<0.005					
9/26/2017			<0.005				
10/2/2017							<0.005
10/3/2017						<0.005 (D)	
3/14/2018	<0.005	<0.005	<0.005	<0.005			
3/15/2018					0.0017 (J)		
3/16/2018							<0.005
3/21/2018						<0.005	
9/12/2018	<0.005	<0.005		<0.005	<0.005		
9/14/2018			<0.005				
9/17/2018							<0.005
9/18/2018						<0.005	
3/13/2019				<0.005	<0.005		
3/14/2019	<0.005	<0.005	<0.005				
3/19/2019							<0.005
3/21/2019						<0.005 (D)	
9/10/2019	<0.005 (D)	<0.005	<0.005				
9/11/2019				0.00051 (J)	0.00066 (J)		
9/12/2019						<0.005 (D)	
9/13/2019							<0.005
3/6/2020	0.015		0.00045 (J)				
3/9/2020		0.0004 (J)		0.0033 (J)	0.0014 (J)		
3/11/2020							0.0011 (J)
3/12/2020						<0.005	
9/10/2020	<0.005	<0.005	<0.005				
9/11/2020				<0.005			
9/14/2020					0.0011 (J)		
9/16/2020							<0.005
9/17/2020						<0.005	
3/10/2021		<0.005					
3/11/2021	0.0015 (J)		<0.005	<0.005	0.0011 (J)		
3/16/2021						<0.005	
3/17/2021							<0.005
8/4/2021	<0.005	<0.005	<0.005				
8/5/2021					<0.005		
8/6/2021				<0.005			
8/9/2021							<0.005
8/10/2021						<0.005	
1/31/2022	<0.005	<0.005	<0.005	<0.005	0.0011 (J)		
2/1/2022							<0.005
2/3/2022						<0.005	
8/10/2022			<0.005		<0.005		
8/11/2022	<0.005	<0.005		<0.005			
8/16/2022							<0.005
8/17/2022						<0.005	
2/13/2023	<0.005	<0.005	<0.005		<0.005		
2/14/2023				0.0016 (J)			
2/16/2023							<0.005
2/17/2023						<0.005	
7/25/2023	<0.005	<0.005		<0.005	<0.005		
7/26/2023			<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
7/28/2023						<0.005	<0.005
2/19/2024	<0.005	<0.005					
2/20/2024			<0.005	<0.005	<0.005		
2/22/2024							<0.005
2/27/2024						<0.005	
8/1/2024	<0.005	<0.005	<0.005				
8/2/2024				<0.005	<0.005		
8/8/2024						<0.005	<0.005
2/25/2025	<0.005	<0.005	<0.005	<0.005	<0.005		
2/27/2025							<0.005
2/28/2025						<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		0.0015	0.036 (O)	<0.005	0.037	0.0013	0.0019
11/1/2007		0.011	0.01	<0.005	0.04	<0.005	0.01
11/18/2007				<0.005	0.045		
11/19/2007						0.0056	0.021
11/20/2007		0.042 (o)	0.0039				
1/16/2008						0.039 (o)	
1/30/2008		0.034	0.019 (O)	<0.005	0.041		
1/31/2008							0.035
3/5/2008				<0.005		0.03 (o)	0.012
3/6/2008		0.027	<0.005		0.042		
5/7/2008				0.025 (o)	0.029		
5/8/2008			0.01				
5/12/2008		0.015					0.02
5/13/2008						0.0057	
12/12/2008	<0.005						
12/13/2008		0.0036				<0.005	0.014
12/14/2008			0.0038	0.0021	0.032		
4/16/2009						<0.005	
4/23/2009	0.0031						
4/28/2009							0.0079
4/29/2009		<0.005	<0.005	0.011	0.017		
10/6/2009	0.0024						
10/20/2009		<0.005					
10/21/2009			<0.005			0.0015	0.0092
10/22/2009				0.01	0.022		
4/21/2010			<0.005	0.0053	0.021		
4/26/2010		<0.005					
4/27/2010						0.0036	
4/28/2010							0.0086
5/3/2010	<0.005						
9/28/2010			<0.005	0.0076			
9/29/2010		0.0034			0.024		
10/5/2010						<0.005	0.0085
10/11/2010	0.0028						
4/12/2011			<0.005	0.0095			
4/13/2011		<0.005			0.014		
4/19/2011						0.003	0.0089
4/27/2011	0.0041						
10/4/2011			0.0019	0.0091	0.017		
10/5/2011		0.0032					
10/12/2011						<0.005	
10/18/2011							0.0093
10/19/2011	<0.005						
4/3/2012			<0.005	0.0076			
4/4/2012		<0.005			0.014		
4/24/2012						<0.005	
4/25/2012							0.0075
5/1/2012	<0.005						
10/2/2012	0.0019					<0.005	0.017
10/3/2012		0.0047		0.0039	0.0033		
10/8/2012			<0.005				
4/2/2013						0.0018	0.0097

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		0.0014	<0.005	<0.005	0.017		
4/10/2013	0.0027						
10/8/2013							0.011
10/9/2013				0.0089	0.015	<0.005	
10/15/2013		0.002	<0.005				
10/16/2013	0.0029						
4/1/2014						<0.005	0.0074
4/2/2014				<0.005	0.014		
4/9/2014		<0.005	<0.005				
4/22/2014	0.0024						
10/1/2014	<0.005						0.0049
10/2/2014		<0.005	<0.005	<0.005	0.0048	<0.005	
3/30/2015	0.0022						
4/1/2015				0.0062	0.0084	<0.005	0.0072
4/2/2015		<0.005	<0.005				
10/10/2015		0.0013					
10/11/2015	<0.005			<0.005	0.019		
10/12/2015			<0.005				
10/14/2015						<0.005	
10/15/2015							0.0077
3/28/2016	<0.005						
3/31/2016		<0.005	<0.005				
4/4/2016				0.00656 (J)	0.00728 (J)	<0.005	0.00615 (J)
5/25/2016	<0.005						
5/26/2016		<0.005	<0.005	0.00752 (J)	0.00553 (J)		
5/27/2016						<0.005	
5/31/2016							0.00588 (J)
8/1/2016	<0.005						
8/3/2016			<0.005	0.0067 (J)		<0.005	
8/4/2016					0.0071 (J)		0.0056 (J)
8/5/2016		<0.005					
9/26/2016	<0.005						
9/28/2016		<0.005	<0.005	0.0082 (J)	0.0093 (J)		
9/29/2016							0.0065 (J)
9/30/2016						<0.005	
11/11/2016	<0.005						
11/22/2016		0.0024 (J)	<0.005	0.0045 (J)	0.0058 (J)	<0.005	
11/28/2016							0.0064 (J)
1/30/2017	<0.005						
2/7/2017		0.0015 (J)	0.0019 (J)				
2/8/2017				0.0101	0.0072 (J)		
2/9/2017							0.0078 (J)
2/13/2017						<0.005	
4/3/2017	<0.005						
4/10/2017		<0.005	<0.005	0.0094 (J)	<0.01		
4/11/2017						<0.005	
4/12/2017							0.0077 (J)
6/12/2017	0.0005 (J)						
6/14/2017		0.0006 (J)	<0.005			<0.005	
6/15/2017				0.009 (J)	0.0066 (J)		
6/16/2017							0.0072 (J)
10/2/2017	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/4/2017		0.0027 (J)	<0.005	0.0008 (J)	0.0079 (J)	<0.005	
10/9/2017							0.0079 (J)
3/16/2018	<0.005						
3/20/2018		<0.005					
3/21/2018			<0.005	0.0079 (J)			0.0055 (J)
3/22/2018					0.0062 (J)	<0.005	
9/18/2018	<0.005	<0.005	<0.005	0.0081 (J)	0.0062 (J)	<0.005	
9/19/2018							0.0059 (J)
3/19/2019	<0.005						
3/22/2019		<0.005	<0.005				
3/23/2019				<0.005	0.0048 (J)	<0.005	0.0058 (J)
9/12/2019	<0.005						
9/17/2019		0.0009 (J)	0.00067 (J)	0.0079 (J)	0.0042 (J)	0.0058 (JD)	
9/18/2019							0.0063 (J)
3/11/2020	<0.005						
3/12/2020		0.00047 (J)	<0.005	0.00084 (J)	0.0042 (J)	<0.005	
3/13/2020							0.0054 (J)
9/15/2020	<0.005						
9/17/2020		0.0011 (J)	<0.005				
9/21/2020				0.0081 (J)	0.0056 (J)	<0.005	
9/22/2020							0.0062 (J)
3/17/2021	<0.005						
3/18/2021		0.00068 (J)	0.002 (J)				0.0058
3/19/2021				0.0073	0.0079	<0.005	
8/9/2021	<0.005						
8/10/2021		<0.005					
8/11/2021			<0.005	<0.005	0.0042 (J)	<0.005	0.0074
2/2/2022	<0.005					<0.005	
2/4/2022		<0.005	<0.005	0.0071	0.0042 (J)		
2/17/2022							0.0053
8/17/2022	<0.005	0.0013 (J)					
8/18/2022			<0.005	<0.005	0.0046 (J)	<0.005	0.0044 (J)
2/16/2023	<0.005						
2/20/2023		<0.005	<0.005	0.0015 (J)	0.0037 (J)		
2/21/2023						<0.005	
2/22/2023							0.0038 (J)
7/28/2023	<0.005						
7/31/2023		0.0019 (J)	<0.005				
8/1/2023				0.0074	0.005 (J)	0.0016 (J)	0.0047 (J)
2/22/2024	<0.005						
2/27/2024		<0.005	<0.005			<0.005	0.0038 (J)
2/28/2024				0.0074	0.0037 (J)		
8/8/2024	<0.005						
8/12/2024		<0.005	<0.005		0.004 (J)	<0.005	0.003 (J)
8/13/2024				<0.005			
2/28/2025	<0.005	<0.005					
3/3/2025			<0.005		0.0039 (J)		0.0035 (J)
3/4/2025				0.0072		<0.005	

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.005						
8/23/2007			0.014				
8/24/2007		0.083 (O)		0.061 (O)			
11/1/2007	0.0042						
11/2/2007		0.0071	0.0036	0.078 (O)			
11/17/2007		0.012	0.031 (O)				
11/18/2007				0.085 (O)			
11/19/2007	0.0049						
1/15/2008		0.043 (o)	0.011	0.079 (O)			
1/31/2008	<0.005						
3/5/2008	<0.005	0.0044					
3/6/2008			0.0027				
3/10/2008				0.062 (O)			
5/7/2008	<0.005	0.0084	0.008				
5/13/2008				0.044 (O)			
12/2/2008		0.0056	0.0059	0.027			
12/12/2008	0.019 (O)						
4/16/2009		0.0042					
4/28/2009			<0.005	0.016			
4/29/2009	0.002						
10/19/2009			<0.005				
10/20/2009		0.0037		0.018			
10/21/2009	0.002						
4/20/2010		<0.005					
4/27/2010			<0.005	0.012			
4/28/2010	0.0049						
9/29/2010		0.0028					
10/4/2010			0.0013				
10/5/2010				0.0067			
10/6/2010	<0.005						
4/12/2011		<0.005					
4/18/2011			<0.005				
4/19/2011				0.0081			
4/20/2011	<0.005						
10/4/2011		0.0015					
10/12/2011	<0.005		0.0014	<0.005			
4/4/2012		<0.005					
4/23/2012			<0.005				
4/25/2012	<0.005			<0.005			
10/2/2012	0.0015						
10/10/2012		0.0029	<0.005	<0.005			
4/2/2013	0.0017						
4/15/2013		0.0036	0.0021				
4/16/2013				0.0029			
10/8/2013	<0.005						
10/22/2013		0.0048	<0.005	<0.005			
4/1/2014	<0.005						
4/21/2014		0.0043	0.0013 (J)	<0.005			
9/30/2014		0.0037	<0.005	<0.005			
10/1/2014	<0.005						
3/31/2015	<0.005						
4/3/2015		0.016	<0.005	<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.005			
10/7/2015		0.0092	<0.005				
10/14/2015	<0.005						
3/16/2016					<0.005	<0.005	<0.005
4/4/2016	<0.005						
4/5/2016		0.00605 (J)	<0.005	<0.005			
5/16/2016					<0.005	<0.005 (D)	<0.005 (D)
5/31/2016			<0.005	<0.005			
6/1/2016	<0.005 (D)	0.006 (J)					
7/25/2016					<0.005	<0.005 (D)	<0.005 (D)
8/4/2016			<0.005				
8/9/2016		0.0086 (JD)					
9/19/2016					<0.005	<0.005 (D)	<0.005 (D)
9/29/2016			<0.005				
11/3/2016					<0.005		<0.005 (D)
11/4/2016						<0.005 (D)	
11/23/2016			<0.005	<0.005			
11/28/2016		<0.005					
1/19/2017					<0.005		
1/20/2017							<0.005 (D)
1/23/2017						<0.005 (D)	
2/9/2017		<0.005					
2/10/2017			<0.005	<0.005			
2/22/2017	0.0012 (J)						
3/28/2017					<0.005		
3/29/2017						<0.005 (D)	<0.005 (D)
4/11/2017	<0.005	<0.005		<0.005			
4/12/2017			<0.005				
6/5/2017					<0.005		
6/7/2017						<0.005	0.0004 (J)
6/14/2017		0.0006 (J)					
6/15/2017			0.0005 (J)	0.0005 (J)			
6/16/2017	<0.005						
7/12/2017	<0.005	0.0005 (J)		0.0008 (J)			
7/26/2017				0.0006 (J)			
7/28/2017	<0.005						
8/10/2017	<0.005						
9/26/2017					<0.005		
9/27/2017						<0.005	<0.005
10/5/2017		0.0006 (J)					
10/6/2017	<0.005		<0.005	0.0008 (J)			
3/15/2018					<0.005	<0.005	<0.005
3/22/2018		<0.005					
3/23/2018	<0.005		<0.005	<0.005			
9/12/2018					<0.005		
9/13/2018						<0.005	<0.005
9/19/2018		<0.005	<0.005	<0.005			
9/20/2018	<0.005						
3/14/2019					<0.005	<0.005 (D)	<0.005 (D)
3/22/2019	<0.005	<0.005		<0.005			
3/25/2019			<0.005				
9/11/2019					<0.005	<0.005 (D)	<0.005 (D)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/17/2019		0.00046 (X)	0.00044 (J)	0.00064 (X)			
9/18/2019	<0.005						
3/10/2020					0.00074 (J)	0.0007 (J)	0.00092 (J)
3/13/2020		0.00093 (J)	0.0011 (J)	0.0012 (J)			
3/17/2020	0.002 (J)						
9/11/2020						<0.005	0.00067 (J)
9/15/2020					<0.005		
9/21/2020		<0.005	0.0016 (J)	0.00089 (J)			
9/22/2020	<0.005						
3/11/2021					<0.005	<0.005	<0.005
3/18/2021		0.0023 (J)	0.00089 (J)	0.00078 (J)			
3/19/2021	<0.005						
8/4/2021					<0.005		
8/6/2021						<0.005	<0.005
8/11/2021		<0.005	<0.005	<0.005			
8/12/2021	<0.005						
1/31/2022					<0.005		
2/1/2022						<0.005	<0.005
2/4/2022	<0.005	<0.005	<0.005				
2/7/2022				0.0011 (J)			
8/12/2022						<0.005	<0.005
8/15/2022					<0.005		
8/18/2022		<0.005					
8/19/2022	<0.005		<0.005	<0.005			
2/14/2023					0.0015 (J)	<0.005	0.0058
2/22/2023	0.0024 (J)	<0.005	<0.005	0.0014 (J)			
7/26/2023					<0.005	<0.005	<0.005
8/1/2023		<0.005		<0.005			
8/2/2023	<0.005		<0.005				
2/20/2024					<0.005	<0.005	<0.005
2/28/2024	<0.005	<0.005	<0.005	<0.005			
8/5/2024						<0.005	<0.005
8/6/2024					<0.005		
8/13/2024	<0.005	<0.005	<0.005	<0.005			
2/26/2025					<0.005	<0.005	<0.005
3/3/2025		<0.005	<0.005	<0.005			
3/4/2025	<0.005						

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							0.0076
10/25/2007							0.015
11/19/2007							0.013
1/23/2008							0.032
3/11/2008							0.024
5/12/2008							0.016
12/11/2008							0.013
4/15/2009							0.0073
10/9/2009							0.0037
5/4/2010							<0.005
10/12/2010							0.0023
4/28/2011							0.002
10/19/2011							0.0015
5/2/2012							<0.005
10/9/2012							<0.005
4/11/2013							0.0015
10/16/2013							<0.005
4/23/2014							0.0013 (J)
10/3/2014							<0.005
3/31/2015							<0.005
10/12/2015							<0.005
3/10/2016	<0.01	0.00202 (J)	0.00668 (J)	0.00207 (J)			
3/17/2016					<0.005	0.00778 (J)	
3/28/2016							<0.005
5/17/2016	<0.01			<0.005			
5/18/2016		0.00248 (J)	0.00606 (JO)		<0.005	<0.005	
5/25/2016							<0.005
7/26/2016	0.0017 (J)						
7/27/2016		0.0021 (J)	0.0023 (J)	0.0017 (J)	0.0006 (J)		
7/28/2016						0.0014 (J)	
8/1/2016							<0.005
9/20/2016	0.0015 (J)	0.002 (J)	0.0021 (J)	0.0024 (J)			
9/21/2016					0.0011 (J)	0.0009 (J)	
9/27/2016							<0.005
11/4/2016	0.0016 (J)		0.0016 (J)	0.0013 (J)	<0.005		
11/7/2016		0.0023 (J)				<0.005	
11/11/2016							<0.005
1/20/2017	0.0018 (J)		0.0016 (J)				
1/23/2017		0.0011 (J)		<0.005			
1/24/2017					<0.005	<0.005	
1/31/2017							<0.005
3/28/2017	<0.01 (*)			<0.005 (*)			
3/29/2017		0.0012 (J)	0.001 (J)		0.0004 (J)		
3/30/2017						<0.005	
4/3/2017							<0.005
6/7/2017	0.0018 (J)						
6/8/2017		0.0015 (J)	0.0024 (J)	0.0016 (J)	0.0005 (J)		
6/9/2017						<0.005	
6/12/2017							0.0005 (J)
9/27/2017		0.0021 (J)	0.0021 (J)				
9/29/2017	0.0033 (J)			0.002 (J)	0.0005 (J)	<0.005	
10/3/2017							<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/15/2018	0.0021 (J)	0.0023 (J)		<0.005	<0.005	<0.005	
3/16/2018			0.003 (J)				
3/19/2018							<0.005
9/13/2018	0.0041 (J)	<0.005	0.0017 (J)	<0.005	<0.005		
9/14/2018						<0.005	
9/17/2018							<0.005
3/15/2019		<0.005		0.0023 (J)			
3/18/2019	0.0022 (J)				<0.005		
3/19/2019			0.018			0.0017 (J)	
3/20/2019							<0.005
9/11/2019	0.0038 (J)		0.0015 (J)	0.00165 (JD)	0.00063 (J)	0.002 (J)	
9/12/2019		0.0014 (J)					
9/16/2019							<0.005
3/9/2020		0.0012 (J)	0.0023 (J)	0.0023 (J)		0.00096 (J)	
3/10/2020	0.0035 (J)						
3/11/2020					0.0012 (J)		
3/16/2020							0.00078 (J)
9/11/2020					<0.005		
9/14/2020	0.006 (J)	0.0022 (J)		0.0024 (J)		<0.005	
9/15/2020			0.0017 (J)				
9/16/2020							<0.005
3/11/2021	0.0059	0.0013 (J)	0.0019 (J)	0.0021 (J)			
3/15/2021					0.00076 (J)	<0.005	
3/17/2021							0.00069 (J)
5/26/2021	0.0052						
8/4/2021				0.0018 (J)			
8/5/2021	0.0057	0.0014 (J)	0.0022 (J)			<0.005	
8/9/2021							<0.005
8/11/2021					<0.005		
1/31/2022	0.0051			0.002 (J)			
2/1/2022		0.0015 (J)	0.0022 (J)		<0.005	<0.005	
2/2/2022							<0.005
8/15/2022	0.006	0.0015 (J)	0.0013 (J)	0.0019 (J)	<0.005	<0.005	
8/16/2022							<0.005
2/14/2023	0.005 (J)	0.0018 (J)	0.0027 (J)	0.0019 (J)	<0.005	<0.005	
2/20/2023							<0.005
7/26/2023	0.0073			0.002 (J)			
7/27/2023		0.0014 (J)	0.0028 (J)		<0.005	<0.005	
7/28/2023							<0.005
2/21/2024	0.0066	0.0021 (J)	0.0046 (J)	<0.005	<0.005	<0.005	
2/26/2024							<0.005
8/5/2024	0.005 (J)	<0.005	<0.005	<0.005			
8/6/2024					<0.005	<0.005	
8/8/2024							<0.005
2/26/2025	0.0039 (J)	0.0021 (J)	0.004 (J)	0.0013 (J)	<0.005	<0.005	
2/27/2025							<0.005

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.005					
8/23/2007						<0.005
10/25/2007	0.002					
11/1/2007						0.0061
11/19/2007						0.018 (J)
11/20/2007	0.017					
1/15/2008						0.078 (O)
1/23/2008	0.064 (O)					
3/6/2008						0.054 (O)
3/11/2008	0.013					
5/13/2008						0.0085
5/14/2008	0.027					
12/11/2008	<0.005					
12/12/2008						0.0023
4/16/2009						<0.005
4/23/2009	<0.005					
10/9/2009	0.0014					
10/13/2009						<0.005
4/21/2010						<0.005
5/4/2010	<0.005					
9/29/2010						<0.005
10/11/2010	0.0027					
4/13/2011						<0.005
4/26/2011	0.0015					
10/5/2011						<0.005
10/18/2011	<0.005			<0.005		
4/4/2012						<0.005
4/30/2012				<0.005		
5/2/2012	<0.005					
10/3/2012				<0.005		
10/8/2012	<0.005					<0.005
4/8/2013				<0.005		<0.005
4/10/2013	0.0013					
10/8/2013	0.0017					
10/9/2013				0.0019		0.0013
4/9/2014						<0.005
4/10/2014				0.0034		
4/14/2014	0.004					
9/30/2014						<0.005
10/2/2014				0.0056		
10/3/2014	0.0017					
4/1/2015	0.0027					
4/2/2015						<0.005
4/3/2015				0.0022		
5/26/2015		0.0015			<0.005	
6/18/2015		0.0013 (D)			0.0024 (D)	
7/2/2015		0.0014			<0.005	
10/8/2015				0.0033	<0.005	
10/9/2015	0.0016	0.0015				
10/10/2015						0.00115 (JD)
3/22/2016					0.00302 (J)	
3/29/2016	0.00363 (J)	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				0.00308 (J)		<0.005
5/24/2016	0.00263 (J)	<0.005		<0.005		
5/25/2016					0.00441 (J)	
5/26/2016						<0.005
5/31/2016			<0.005			
8/1/2016	<0.005	<0.005				
8/2/2016			<0.005	<0.005	<0.005	
8/5/2016						<0.005
9/26/2016	0.0014 (J)	0.002 (J)			0.002 (J)	
9/27/2016			<0.005	<0.005		
9/28/2016						<0.005
11/14/2016		<0.005				
11/18/2016	<0.005					
11/21/2016			<0.005		0.0017 (J)	<0.005
11/22/2016				<0.005		
2/1/2017	0.0024 (J)	0.0017 (J)	<0.005			
2/3/2017					0.0018 (J)	
2/6/2017				<0.005		<0.005
4/6/2017	<0.005	<0.005	<0.005	<0.005		<0.005
4/7/2017					<0.005	
6/13/2017	0.0031 (J)	0.0015 (J)	<0.005		0.0019 (J)	<0.005
6/14/2017				0.0009 (J)		
7/14/2017			<0.005			
10/3/2017	0.0025 (J)	0.0018 (J)	<0.005		0.0022 (J)	<0.005
10/4/2017				<0.005		
3/19/2018	0.0035 (J)					
3/20/2018		0.0017 (J)	<0.005		0.0017 (J)	<0.005
3/21/2018				<0.005		
9/17/2018	0.0024 (J)	0.002 (J)				
9/18/2018			<0.005	<0.005	<0.005	<0.005 (D)
3/21/2019	0.0029 (J)	0.0025 (J)	<0.005			<0.005
3/27/2019				0.0021 (J)		
5/6/2019					0.0048 (J)	
9/13/2019			<0.005			
9/16/2019	0.002 (J)	0.002 (J)		0.000465 (JD)	0.002 (J)	<0.005
3/12/2020	0.0034 (J)	0.0028 (J)	0.0014 (J)	0.0031 (J)		0.00045 (J)
3/16/2020					0.0015 (J)	
9/16/2020	0.0022 (J)	0.0023 (J)	<0.005			
9/17/2020				0.00086 (J)	0.0017 (J)	<0.005
3/17/2021	0.0027 (J)	0.0021 (J)	<0.005	0.00079 (J)		
3/18/2021					0.0015 (J)	<0.005
8/10/2021	0.0027 (J)	0.0021 (J)	<0.005	0.0014 (J)	0.0019 (J)	<0.005
2/2/2022	0.0026 (J)	0.0024 (J)	<0.005	0.0015 (J)	0.0021 (J)	<0.005
8/17/2022	0.0025 (J)	0.0024 (J)	<0.005	0.0011 (J)	0.0014 (J)	<0.005
2/17/2023	0.0031 (J)	0.0022 (J)				
2/20/2023			0.0012 (J)		<0.005	
2/21/2023				0.0053		<0.005
7/28/2023		0.0023 (J)				
7/31/2023	0.0024 (J)		<0.005	<0.005	0.0016 (J)	<0.005
2/26/2024	0.0024 (J)	0.002 (J)	<0.005		<0.005	
2/27/2024				<0.005		<0.005
8/8/2024	<0.005	<0.005	<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/12/2024				<0.005	<0.005	<0.005
2/27/2025	0.003 (J)	0.0026 (J)	<0.005			
2/28/2025					0.0013 (J)	<0.005
3/4/2025				<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.005	<0.005	<0.005			0.0033	
10/23/2007	<0.005						
10/24/2007		0.013	<0.005				
11/2/2007						0.0046	
11/18/2007	<0.005	0.0041	<0.005			0.0057	
1/30/2008	0.0045						
1/31/2008		<0.005	0.0083 (O)			0.0055	
3/10/2008	<0.005		<0.005				
3/11/2008		<0.005				0.0033	
5/6/2008		<0.005					
5/13/2008	<0.005		<0.005				
5/14/2008						0.0044	
12/4/2008		0.012	<0.005				
12/5/2008	<0.005					0.0035	
4/15/2009	<0.005					<0.005	
4/21/2009		<0.005	<0.005				
10/7/2009	0.0041	<0.005					
10/8/2009			<0.005			<0.005	
4/21/2010			<0.005				
4/26/2010		<0.005					
4/28/2010						<0.005	
5/3/2010	<0.005						
9/28/2010			<0.005				
10/4/2010		<0.005					
10/6/2010						<0.005	
10/12/2010	<0.005						
4/12/2011			<0.005				
4/13/2011		<0.005					
4/21/2011						<0.005	
4/27/2011	<0.005						
10/4/2011			<0.005				
10/5/2011		<0.005					
10/13/2011						<0.005	
10/17/2011	<0.005						
4/3/2012			<0.005				
4/11/2012		<0.005					
5/1/2012						<0.005	
5/2/2012	<0.005						
10/8/2012	<0.005						
10/9/2012		<0.005	<0.005			<0.005	
4/11/2013			<0.005			<0.005	
4/12/2013	<0.005						
4/15/2013		<0.005					
10/15/2013		<0.005					
10/16/2013	<0.005		<0.005			<0.005	
4/10/2014			<0.005				
4/11/2014	<0.005						
4/22/2014		<0.005					
4/23/2014						0.0013 (J)	
9/30/2014	<0.005	<0.005	<0.005				
10/4/2014						0.00081 (J)	
3/30/2015	0.0012 (J)	<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						0.0021	
10/12/2015						0.00078 (J)	
10/13/2015	<0.005	<0.005	<0.005				
3/14/2016					0.00503 (J)		
3/15/2016							<0.005
3/22/2016	<0.005						
3/23/2016		<0.005	<0.005			<0.005	
5/11/2016					0.0114		<0.005
5/16/2016				0.00313 (JD)			
5/19/2016	<0.005		<0.005				
5/20/2016		<0.005					
5/23/2016						<0.005	
7/19/2016					0.0013 (J)		
7/21/2016							<0.005
7/27/2016				0.0057 (JD)			
7/29/2016	0.0004 (J)	<0.005	<0.005			0.0007 (J)	
9/15/2016					0.002 (J)		<0.005
9/22/2016			<0.005			0.0007 (J)	
9/23/2016	<0.005	<0.005					
11/2/2016					0.0005 (J)		
11/3/2016							<0.005
11/9/2016	<0.005	<0.005					
11/10/2016			<0.005			0.0007 (J)	
1/17/2017							<0.005
1/18/2017					0.0015 (J)		
1/30/2017	<0.005						
1/31/2017		<0.005	<0.005			0.0007 (J)	
2/21/2017				<0.005			
3/24/2017							<0.005
3/27/2017				<0.005 (D)			
3/28/2017					0.0025 (J)		
3/30/2017	<0.005	<0.005				0.0007 (J)	
4/3/2017			<0.005				
5/24/2017							<0.005
6/7/2017					0.0023 (J)		
6/8/2017				<0.005 (D)			
6/9/2017	<0.005		<0.005				
6/12/2017		<0.005				0.0007 (J)	
7/17/2017				<0.005 (D)			
7/27/2017				<0.005			
8/9/2017				<0.005			
9/26/2017					0.0011 (J)		<0.005
9/29/2017				<0.005 (D)			
10/2/2017	<0.005	<0.005	<0.005				
10/4/2017						0.0006 (J)	
3/14/2018					0.00058 (J)		<0.005
3/16/2018	<0.005		<0.005	<0.005			
3/19/2018		<0.005				0.00059 (J)	
9/12/2018					<0.005		<0.005
9/14/2018		<0.005	<0.005	<0.005			
9/17/2018	<0.005 (D)					0.00057 (J)	
3/13/2019							<0.005

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				<0.005			
3/15/2019					<0.005		
3/19/2019			<0.005				
3/20/2019	0.00078 (J)	<0.005				<0.005	
9/9/2019					<0.005		<0.005
9/12/2019	0.00047 (J)	<0.005 (D)					
9/13/2019			<0.005			0.00046 (J)	
3/9/2020				<0.005	0.00075 (J)		<0.005
3/11/2020	0.00037 (J)	<0.005	<0.005			0.00041 (J)	
9/10/2020					<0.005		
9/11/2020							<0.005
9/15/2020	0.00048 (J)	<0.005	0.001 (J)				
9/16/2020				<0.005			
3/10/2021							<0.005
3/12/2021					0.00079 (J)		
3/16/2021	<0.005		<0.005	<0.005			
3/17/2021		<0.005					
3/29/2021						<0.005	
8/4/2021					<0.005		<0.005
8/6/2021				<0.005			
8/9/2021	<0.005	<0.005	0.0016 (J)			<0.005	
1/31/2022					<0.005		<0.005
2/1/2022	<0.005	<0.005	0.00093 (J)				
2/2/2022				<0.005		<0.005	
8/10/2022					<0.005		
8/12/2022							<0.005
8/16/2022	<0.005	<0.005	0.0004 (J)	<0.005		<0.005	
2/13/2023					<0.005		<0.005
2/14/2023				<0.005			
2/16/2023	<0.005	<0.005	0.00065 (J)				
2/17/2023						<0.005	
7/25/2023				<0.005			
7/26/2023					<0.005		<0.005
7/27/2023	<0.005	<0.005	<0.005				
8/1/2023						<0.005	
2/19/2024				<0.005	<0.005		<0.005
2/22/2024	<0.005	<0.005				<0.005	
2/26/2024			<0.005				
8/1/2024				<0.005	<0.005		<0.005
8/6/2024			<0.005				
8/7/2024	<0.005	<0.005					
8/8/2024						<0.005	
2/25/2025					<0.005		<0.005
2/26/2025				<0.005		<0.005	
2/27/2025	<0.005	<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.005
4/23/2009							<0.005
10/6/2009							<0.005
4/27/2010							<0.005
9/30/2010							<0.005
4/14/2011							<0.005
10/5/2011							<0.005
4/11/2012							<0.005
10/2/2012							<0.005
4/9/2013							<0.005
10/15/2013							<0.005
4/10/2014							<0.005
10/1/2014							<0.005
3/30/2015							<0.005
10/11/2015							<0.005
3/11/2016			<0.005	<0.005	<0.005		
3/15/2016	<0.005	<0.005					
3/28/2016							<0.005
5/12/2016	<0.005						
5/13/2016		<0.005		<0.005	<0.005		
5/16/2016			<0.005				
5/23/2016							<0.005
7/19/2016				<0.005	<0.005		
7/20/2016	<0.005						
7/21/2016		0.0006 (J)					
7/22/2016			0.0004 (J)				
8/1/2016							<0.005
9/15/2016	<0.005						
9/16/2016				<0.005	<0.005		
9/19/2016			<0.005				
9/21/2016		<0.005					
9/26/2016							<0.005
11/2/2016				<0.005	<0.005		
11/3/2016	<0.005	<0.005	<0.005				
11/10/2016							<0.005
1/17/2017		<0.005	<0.005				
1/18/2017	<0.005			<0.005	<0.005		
1/30/2017							<0.005
2/22/2017						<0.01	
3/24/2017	<0.005						
3/27/2017		0.0005 (J)	<0.005				
3/28/2017				<0.005	<0.005		
4/7/2017						0.0018 (J)	<0.005
6/6/2017	<0.005	<0.005		<0.005	<0.005		
6/7/2017			<0.005				
6/12/2017							<0.005
6/14/2017						0.0045 (JD)	
7/12/2017						0.0046 (JD)	
7/20/2017						0.0109 (D)	
7/28/2017						0.0104	
8/9/2017						0.0022 (J)	
8/24/2017						0.0076 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				<0.005	<0.005		
9/25/2017	<0.005	0.0006 (J)					
9/26/2017			<0.005				
10/2/2017							<0.005
10/3/2017						0.0028 (JD)	
3/14/2018	<0.005	<0.005	<0.005	<0.005			
3/15/2018					<0.005		
3/16/2018							<0.005
3/21/2018						0.014	
9/12/2018	<0.005	0.0011 (J)		<0.005	<0.005		
9/14/2018			<0.005				
9/17/2018							<0.005
9/18/2018						0.017	
3/13/2019				<0.005	<0.005		
3/14/2019	<0.005	<0.005	<0.005				
3/19/2019							<0.005
3/21/2019						0.022 (D)	
9/10/2019	<0.005 (D)	<0.005	<0.005				
9/11/2019				<0.005	<0.005		
9/12/2019						0.02 (D)	
9/13/2019							<0.005
3/6/2020	<0.005		0.00039 (J)				
3/9/2020		<0.005		0.00039 (J)	<0.005		
3/11/2020							<0.005
3/12/2020						0.013	
9/10/2020	<0.005	<0.005	<0.005				
9/11/2020				<0.005			
9/14/2020					<0.005		
9/16/2020							<0.005
9/17/2020						0.019	
3/10/2021		<0.005					
3/11/2021	<0.005		<0.005	<0.005	<0.005		
3/16/2021						0.015	
3/17/2021							<0.005
8/4/2021	<0.005	<0.005	<0.005				
8/5/2021					<0.005		
8/6/2021				<0.005			
8/9/2021							<0.005
8/10/2021						0.011	
1/31/2022	<0.005	<0.005	<0.005	<0.005	<0.005		
2/1/2022							<0.005
2/3/2022						0.0059	
8/10/2022			<0.005		<0.005		
8/11/2022	<0.005	<0.005		<0.005			
8/16/2022							<0.005
8/17/2022						0.015	
2/13/2023	<0.005	<0.005	0.00039 (J)		<0.005		
2/14/2023				<0.005			
2/16/2023							<0.005
2/17/2023						0.017	
7/25/2023	<0.005	0.00053 (J)		<0.005	<0.005		
7/26/2023			<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
7/28/2023						0.02	<0.005
2/19/2024	<0.005	<0.005					
2/20/2024			<0.005	<0.005	<0.005		
2/22/2024							<0.005
2/27/2024						0.017	
8/1/2024	<0.005	0.0011 (J)	<0.005				
8/2/2024				<0.005	<0.005		
8/8/2024						0.0056	<0.005
2/25/2025	<0.005	<0.005	<0.005	<0.005	<0.005		
2/27/2025							<0.005
2/28/2025						0.019	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.005	<0.005	0.0031	<0.005	<0.0013	0.01
11/1/2007		<0.005	<0.005	0.0034	<0.005	0.0041	<0.005
11/18/2007				0.0045	<0.005		
11/19/2007						0.0055	<0.005
11/20/2007		0.0046	<0.005				
1/16/2008						0.008	
1/30/2008		0.0079	<0.005	0.0027	<0.005		
1/31/2008							0.0037
3/5/2008				<0.005		0.98 (O)	<0.005
3/6/2008		0.0037	<0.005		0.11 (O)		
5/7/2008				<0.005	<0.005		
5/8/2008			<0.005				
5/12/2008		<0.005					<0.005
5/13/2008						0.01	
12/12/2008	<0.005						
12/13/2008		0.013				0.0073	0.011
12/14/2008			<0.005	<0.005	<0.005		
4/16/2009						0.0033	
4/23/2009	0.0029						
4/28/2009							<0.005
4/29/2009		<0.005	<0.005	<0.005	<0.005		
10/6/2009	<0.005						
10/20/2009		<0.005					
10/21/2009			<0.005			0.0039	<0.005
10/22/2009				<0.005	<0.005		
4/21/2010			<0.005	<0.005	<0.005		
4/26/2010		<0.005					
4/27/2010						0.0044	
4/28/2010							<0.005
5/3/2010	<0.005						
9/28/2010			<0.005	<0.005			
9/29/2010		<0.005			<0.005		
10/5/2010						0.005	<0.005
10/11/2010	<0.005						
4/12/2011			<0.005	<0.005			
4/13/2011		<0.005			<0.005		
4/19/2011						0.0039	<0.005
4/27/2011	0.0028						
10/4/2011			<0.005	<0.005	<0.005		
10/5/2011		<0.005					
10/12/2011						0.0032	
10/18/2011							<0.005
10/19/2011	<0.005						
4/3/2012			<0.005	<0.005			
4/4/2012		<0.005			<0.005		
4/24/2012						<0.0013	
4/25/2012							<0.005
5/1/2012	<0.005						
10/2/2012	<0.005					<0.0013	<0.005
10/3/2012		0.0018		0.0037	<0.005		
10/8/2012			<0.005				
4/2/2013						0.0038	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		0.0014	<0.005	<0.005	<0.005		
4/10/2013	0.0014						
10/8/2013							<0.005
10/9/2013				<0.005	<0.005	0.003	
10/15/2013		0.0018	<0.005				
10/16/2013	0.0014						
4/1/2014						0.0027	<0.005
4/2/2014				0.0036	<0.005		
4/9/2014		0.0013 (J)	<0.005				
4/22/2014	0.0013						
10/1/2014	<0.005						<0.005
10/2/2014		<0.005	<0.005	0.016	<0.005	0.0027	
3/30/2015	0.00079 (J)						
4/1/2015				<0.005	0.0026	0.0028	<0.005
4/2/2015		<0.005	<0.005				
10/10/2015		<0.005					
10/11/2015	<0.005			<0.005	0.00065 (J)		
10/12/2015			<0.005				
10/14/2015						0.003	
10/15/2015							0.00051 (J)
3/28/2016	<0.005						
3/31/2016		<0.005	<0.005				
4/4/2016				<0.005	<0.005	0.00351 (J)	<0.005
5/25/2016	<0.005						
5/26/2016		<0.005	<0.005	<0.005	<0.005		
5/27/2016						0.00332 (J)	
5/31/2016							<0.005
8/1/2016	<0.005						
8/3/2016			<0.005	<0.005		0.003 (J)	
8/4/2016					<0.005		<0.005
8/5/2016		<0.005					
9/26/2016	<0.005						
9/28/2016		<0.005	<0.005	<0.005	<0.005		
9/29/2016							<0.005
9/30/2016						0.0035 (J)	
11/11/2016	<0.005						
11/22/2016		0.0006 (J)	<0.005	<0.005	<0.005	0.0027 (J)	
11/28/2016							<0.005
1/30/2017	<0.005						
2/7/2017		0.0017 (J)	<0.005				
2/8/2017				<0.005	<0.005		
2/9/2017							<0.005
2/13/2017						0.003 (J)	
4/3/2017	<0.005						
4/10/2017		<0.005	<0.005	<0.005	<0.005		
4/11/2017						0.0031 (J)	
4/12/2017							<0.005
6/12/2017	<0.005						
6/14/2017		<0.005	<0.005			0.0031 (J)	
6/15/2017				<0.005	<0.005		
6/16/2017							<0.005
10/2/2017	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/4/2017		<0.005	<0.005	<0.005	<0.005	0.0032 (J)	
10/9/2017							<0.005
3/16/2018	<0.005						
3/20/2018		0.0021 (J)					
3/21/2018			<0.005	<0.005			<0.005
3/22/2018					<0.005	0.0033 (J)	
9/18/2018	<0.005	<0.005	<0.005	<0.005	<0.005	0.0031 (J)	
9/19/2018							<0.005
3/19/2019	<0.005						
3/22/2019		0.0011 (J)	<0.005				
3/23/2019				<0.005	<0.005	0.0032 (J)	<0.005
9/12/2019	<0.005						
9/17/2019		<0.005	<0.005	<0.005	<0.005	0.00305 (D)	
9/18/2019							0.0005 (J)
3/11/2020	<0.005						
3/12/2020		0.0017 (J)	<0.005	<0.005	<0.005	0.0031 (J)	
3/13/2020							<0.005
9/15/2020	<0.005						
9/17/2020		<0.005	<0.005				
9/21/2020				<0.005	<0.005	0.0029 (J)	
9/22/2020							<0.005
3/17/2021	<0.005						
3/18/2021		0.001 (J)	<0.005				<0.005
3/19/2021				<0.005	<0.005	0.0029 (J)	
8/9/2021	<0.005						
8/10/2021		0.00075 (J)					
8/11/2021			<0.005	<0.005	<0.005	0.0026 (J)	<0.005
2/2/2022	<0.005					0.0034 (J)	
2/4/2022		0.0018 (J)	<0.005	<0.005	<0.005		
2/17/2022							<0.005
8/17/2022	<0.005	0.00051 (J)					
8/18/2022			<0.005	<0.005	<0.005	0.0028 (J)	<0.005
2/16/2023	<0.005						
2/20/2023		0.0026 (J)	<0.005	<0.005	<0.005		
2/21/2023						0.0029 (J)	
2/22/2023							<0.005
7/28/2023	<0.005						
7/31/2023		0.0007 (J)	<0.005				
8/1/2023				<0.005	<0.005	0.0032 (J)	<0.005
2/22/2024	<0.005						
2/27/2024		0.0015 (J)	<0.005			0.0029 (J)	<0.005
2/28/2024				<0.005	<0.005		
8/8/2024	<0.005						
8/12/2024		0.00067 (J)	<0.005		<0.005	0.0027 (J)	<0.005
8/13/2024				<0.005			
2/28/2025	<0.005	0.0029 (J)					
3/3/2025			<0.005		<0.005		<0.005
3/4/2025				<0.005		0.0033 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.005						
8/23/2007			<0.005				
8/24/2007		<0.005		<0.005			
11/1/2007	<0.005						
11/2/2007		<0.005	<0.005	<0.005			
11/17/2007		0.0039	<0.005				
11/18/2007				<0.005			
11/19/2007	<0.005						
1/15/2008		<0.005	<0.005	0.0029			
1/31/2008	<0.005						
3/5/2008	<0.005	0.005					
3/6/2008			<0.005				
3/10/2008				0.069 (O)			
5/7/2008	<0.005	<0.005	<0.005				
5/13/2008				<0.005			
12/2/2008		0.011	<0.005	0.0027			
12/12/2008	0.0079						
4/16/2009		0.005					
4/28/2009			<0.005	<0.005			
4/29/2009	<0.005						
10/19/2009			<0.005				
10/20/2009		0.0074		<0.005			
10/21/2009	<0.005						
4/20/2010		<0.005					
4/27/2010			<0.005	<0.005			
4/28/2010	<0.005						
9/29/2010		<0.005					
10/4/2010			<0.005				
10/5/2010				<0.005			
10/6/2010	<0.005						
4/12/2011		<0.005					
4/18/2011			<0.005				
4/19/2011				<0.005			
4/20/2011	<0.005						
10/4/2011		<0.005					
10/12/2011	<0.005		<0.005	<0.005			
4/4/2012		<0.005					
4/23/2012			<0.005				
4/25/2012	<0.005			<0.005			
10/2/2012	<0.005						
10/10/2012		<0.005	<0.005	<0.005			
4/2/2013	<0.005						
4/15/2013		<0.005	<0.005				
4/16/2013				<0.005			
10/8/2013	<0.005						
10/22/2013		<0.005	<0.005	<0.005			
4/1/2014	<0.005						
4/21/2014		<0.005	<0.005	<0.005			
9/30/2014		<0.005	<0.005	<0.005			
10/1/2014	<0.005						
3/31/2015	<0.005						
4/3/2015		<0.005	<0.005	<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.005			
10/7/2015		<0.005	<0.005				
10/14/2015	<0.005						
3/16/2016					0.002 (J)	<0.01	<0.005
4/4/2016	<0.005						
4/5/2016		<0.005	<0.005	<0.005			
5/16/2016					<0.01	<0.01 (D)	<0.005 (D)
5/31/2016			<0.005	<0.005			
6/1/2016	<0.005	<0.005					
7/25/2016					0.0015 (J)	0.0017 (JD)	<0.005 (D)
8/4/2016			<0.005				
8/9/2016		0.0003 (J)					
9/19/2016					0.0014 (J)	0.0017 (JD)	<0.005 (D)
9/29/2016			<0.005				
11/3/2016					0.0013 (J)		<0.005 (D)
11/4/2016						0.0013 (JD)	
11/23/2016			<0.005	<0.005			
11/28/2016		<0.005					
1/19/2017					0.0013 (J)		
1/20/2017							<0.005 (D)
1/23/2017						0.0013 (JD)	
2/9/2017		<0.005					
2/10/2017			<0.005	<0.005			
2/22/2017	<0.005						
3/28/2017					0.0019 (J)		
3/29/2017						0.0013 (JD)	<0.005 (D)
4/11/2017	<0.005	<0.005		<0.005			
4/12/2017			0.0006 (J)				
6/5/2017					0.0022 (J)		
6/7/2017						0.0011 (J)	<0.005
6/14/2017		<0.005					
6/15/2017			0.0004 (J)	<0.005			
6/16/2017	<0.005						
7/12/2017	<0.005	<0.005		<0.005			
7/26/2017				<0.005			
7/28/2017	<0.005						
8/10/2017	<0.005						
9/26/2017					0.0018 (J)		
9/27/2017						0.0013 (J)	<0.005
10/5/2017		<0.005					
10/6/2017	<0.005		<0.005	<0.005			
3/15/2018					0.0018 (J)	0.0012 (J)	<0.005
3/22/2018		<0.005					
3/23/2018	<0.005		<0.005	<0.005			
9/12/2018					0.0016 (J)		
9/13/2018						0.001 (J)	<0.005
9/19/2018		0.00058 (J)	<0.005	<0.005			
9/20/2018	<0.005						
3/14/2019					0.0022 (J)	0.0015 (JD)	<0.005 (D)
3/22/2019	<0.005	<0.005		<0.005			
3/25/2019			<0.005				
9/11/2019					0.0018 (J)	0.0014 (JD)	<0.005 (D)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/17/2019		<0.005	<0.005	<0.005			
9/18/2019	<0.005						
3/10/2020					0.0021 (J)	0.0012 (J)	<0.005
3/13/2020		<0.005	<0.005	<0.005			
3/17/2020	<0.005						
9/11/2020						0.0012 (J)	<0.005
9/15/2020					0.0015 (J)		
9/21/2020		<0.005	<0.005	<0.005			
9/22/2020	<0.005						
3/11/2021					0.0016 (J)	0.0011 (J)	<0.005
3/18/2021		<0.005	<0.005	<0.005			
3/19/2021	<0.005						
8/4/2021					0.0016 (J)		
8/6/2021						0.0011 (J)	<0.005
8/11/2021		<0.005	<0.005	<0.005			
8/12/2021	<0.005						
1/31/2022					0.0017 (J)		
2/1/2022						0.0013 (J)	<0.005
2/4/2022	<0.005	<0.005	<0.005				
2/7/2022				<0.005			
8/12/2022						0.0011 (J)	<0.005
8/15/2022					0.0014 (J)		
8/18/2022		<0.005					
8/19/2022	<0.005		<0.005	<0.005			
2/14/2023					0.0014 (J)	0.0012 (J)	<0.005
2/22/2023	<0.005	<0.005	<0.005	<0.005			
7/26/2023					0.0015 (J)	0.0013 (J)	<0.005
8/1/2023		<0.005		<0.005			
8/2/2023	<0.005		<0.005				
2/20/2024					0.0016 (J)	0.0014 (J)	<0.005
2/28/2024	<0.005	<0.005	<0.005	<0.005			
8/5/2024						0.0011 (J)	<0.005
8/6/2024					0.0011 (J)		
8/13/2024	<0.005	<0.005	<0.005	<0.005			
2/26/2025					0.0019 (J)	0.0015 (J)	<0.005
3/3/2025		<0.005	<0.005	<0.005			
3/4/2025	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							<0.005
10/25/2007							<0.005
11/19/2007							<0.005
1/23/2008							0.0073
3/11/2008							0.0025
5/12/2008							<0.005
12/11/2008							<0.005
4/15/2009							<0.005
10/9/2009							<0.005
5/4/2010							<0.005
10/12/2010							<0.005
4/28/2011							<0.005
10/19/2011							<0.005
5/2/2012							<0.005
10/9/2012							0.0024
4/11/2013							0.002
10/16/2013							0.0023
4/23/2014							0.003
10/3/2014							0.0034
3/31/2015							0.00079 (J)
10/12/2015							0.00063 (J)
3/10/2016	<0.005	<0.005	<0.005	0.00235 (J)			
3/17/2016					<0.005	<0.01	
3/28/2016							<0.005
5/17/2016	<0.005			0.0025 (J)			
5/18/2016		<0.005	<0.005		<0.005	<0.01	
5/25/2016							<0.005
7/26/2016	0.0006 (J)						
7/27/2016		<0.005	<0.005	0.0014 (J)	<0.005		
7/28/2016						0.0026 (J)	
8/1/2016							0.0005 (J)
9/20/2016	<0.005	<0.005	<0.005	0.0015 (J)			
9/21/2016					<0.005	0.0044 (J)	
9/27/2016							<0.005
11/4/2016	<0.005		<0.005	0.0014 (J)	<0.005		
11/7/2016		<0.005				0.0044 (J)	
11/11/2016							0.0006 (J)
1/20/2017	<0.005		<0.005				
1/23/2017		<0.005		<0.01			
1/24/2017					<0.005	0.0049 (J)	
1/31/2017							0.0007 (J)
3/28/2017	<0.005			0.0015 (J)			
3/29/2017		<0.005	<0.005		<0.005		
3/30/2017						0.0041 (J)	
4/3/2017							0.0005 (J)
6/7/2017	<0.005						
6/8/2017		<0.005	<0.005	0.0016 (J)	<0.005		
6/9/2017						0.0054 (J)	
6/12/2017							0.0004 (J)
9/27/2017		<0.005	<0.005				
9/29/2017	<0.005			0.0015 (J)	<0.005	0.0038 (J)	
10/3/2017							0.0003 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/15/2018	<0.005	<0.005		0.0013 (J)	<0.005	0.0026 (J)	
3/16/2018			<0.005				
3/19/2018							<0.005
9/13/2018	<0.005	<0.005	<0.005	0.0013 (J)	<0.005		
9/14/2018						0.0017 (J)	
9/17/2018							<0.005
3/15/2019		<0.005		0.0012 (J)			
3/18/2019	<0.005				<0.005		
3/19/2019			<0.005			0.00069 (J)	
3/20/2019							<0.005
9/11/2019	<0.005		<0.005	0.00135 (JD)	<0.005	0.00075 (J)	
9/12/2019		<0.005					
9/16/2019							<0.005
3/9/2020		<0.005	<0.005	0.0016 (J)		0.0028 (J)	
3/10/2020	<0.005						
3/11/2020					<0.005		
3/16/2020							0.00031 (J)
9/11/2020					<0.005		
9/14/2020	<0.005	<0.005		0.0017 (J)		0.0014 (J)	
9/15/2020			<0.005				
9/16/2020							<0.005
3/11/2021	<0.005	<0.005	<0.005	0.0025 (J)			
3/15/2021					<0.005	0.00056 (J)	
3/17/2021							<0.005
8/4/2021				0.0017 (J)			
8/5/2021	<0.005	<0.005	<0.005			0.0025 (J)	
8/9/2021							<0.005
8/11/2021					<0.005		
1/31/2022	<0.005			0.0021 (J)			
2/1/2022		<0.005	<0.005		<0.005	0.00066 (J)	
2/2/2022							<0.005
8/15/2022	<0.005	<0.005	<0.005	0.0027 (J)	<0.005	0.0015 (J)	
8/16/2022							<0.005
2/14/2023	<0.005	<0.005	<0.005	0.0025 (J)	<0.005	0.00096 (J)	
2/20/2023							<0.005
7/26/2023	<0.005			0.0029 (J)			
7/27/2023		<0.005	<0.005		<0.005	0.00044 (J)	
7/28/2023							<0.005
2/21/2024	<0.005	<0.005	<0.005	0.0025 (J)	<0.005	0.00037 (J)	
2/26/2024							<0.005
8/5/2024	<0.005	<0.005	<0.005	0.0026 (J)			
8/6/2024					<0.005	0.0021 (J)	
8/8/2024							<0.005
2/26/2025	<0.005	<0.005	<0.005	0.0035 (J)	<0.005	0.0014 (J)	
2/27/2025							<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.005					
8/23/2007						<0.005
10/25/2007	0.0038					
11/1/2007						<0.005
11/19/2007						0.0034
11/20/2007	<0.005					
1/15/2008						0.0067
1/23/2008	0.0047					
3/6/2008						0.13 (O)
3/11/2008	<0.005					
5/13/2008						<0.005
5/14/2008	<0.005					
12/11/2008	<0.005					
12/12/2008						0.0042
4/16/2009						0.0047
4/23/2009	<0.005					
10/9/2009	<0.005					
10/13/2009						0.0037
4/21/2010						<0.005
5/4/2010	<0.005					
9/29/2010						<0.005
10/11/2010	<0.005					
4/13/2011						<0.005
4/26/2011	<0.005					
10/5/2011						<0.005
10/18/2011	<0.005			<0.005		
4/4/2012						<0.005
4/30/2012				<0.005		
5/2/2012	<0.005					
10/3/2012				<0.005		
10/8/2012	<0.005					<0.005
4/8/2013				<0.005		<0.005
4/10/2013	<0.005					
10/8/2013	<0.005					
10/9/2013				<0.005		0.0013
4/9/2014						0.0013 (J)
4/10/2014				0.0013 (J)		
4/14/2014	0.0013 (J)					
9/30/2014						<0.005
10/2/2014				<0.005		
10/3/2014	0.00071 (J)					
4/1/2015	<0.005					
4/2/2015						0.00064 (J)
4/3/2015				<0.005		
5/26/2015		<0.005			0.0018	
6/18/2015		<0.005 (D)			0.0018 (D)	
7/2/2015		<0.005			0.0013	
10/8/2015				0.0014	<0.005	
10/9/2015	<0.005	<0.005				
10/10/2015						0.0015 (D)
3/22/2016					<0.005	
3/29/2016	<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				<0.005		<0.005
5/24/2016	<0.005	<0.005		<0.005		
5/25/2016					<0.005	
5/26/2016						<0.005
5/31/2016			<0.005			
8/1/2016	<0.005	<0.005				
8/2/2016			0.0018 (J)	<0.005	<0.005	
8/5/2016						<0.005
9/26/2016	<0.005	<0.005			<0.005	
9/27/2016			0.0011 (J)	<0.005		
9/28/2016						<0.005
11/14/2016		<0.005				
11/18/2016	<0.005					
11/21/2016			0.0008 (J)		<0.005	<0.005
11/22/2016				<0.005		
2/1/2017	<0.005	<0.005	0.0008 (J)			
2/3/2017					<0.005	
2/6/2017				<0.005		<0.005
4/6/2017	<0.005	<0.005	0.0008 (J)	<0.005		<0.005
4/7/2017					<0.005	
6/13/2017	<0.005	<0.005	0.0007 (J)		<0.005	<0.005
6/14/2017				<0.005		
7/14/2017			0.0005 (J)			
10/3/2017	<0.005	<0.005	0.0007 (J)		<0.005	<0.005
10/4/2017				<0.005		
3/19/2018	<0.005					
3/20/2018		<0.005	0.00076 (J)		<0.005	<0.005
3/21/2018				<0.005		
9/17/2018	<0.005	<0.005				
9/18/2018			0.00055 (J)	<0.005	<0.005	<0.005 (D)
3/21/2019	<0.005	<0.005	0.00059 (J)			<0.005
3/27/2019				<0.005		
5/6/2019					<0.005	
9/13/2019			0.00099 (J)			
9/16/2019	<0.005	<0.005		<0.005 (D)	<0.005	<0.005
3/12/2020	<0.005	<0.005	0.00031 (J)	<0.005		0.00044 (J)
3/16/2020					<0.005	
9/16/2020	<0.005	<0.005	0.00072 (J)			
9/17/2020				<0.005	<0.005	<0.005
3/17/2021	<0.005	<0.005	0.00045 (J)	<0.005		
3/18/2021					<0.005	<0.005
8/10/2021	<0.005	<0.005	0.00087 (J)	<0.005	<0.005	<0.005
2/2/2022	<0.005	<0.005	0.00042 (J)	<0.005	<0.005	0.00043 (J)
8/17/2022	<0.005	<0.005	<0.005	<0.005	<0.005	0.00043 (J)
2/17/2023	<0.005	<0.005				
2/20/2023			<0.005		<0.005	
2/21/2023				<0.005		0.00043 (J)
7/28/2023		<0.005				
7/31/2023	<0.005		<0.005	<0.005	<0.005	<0.005
2/26/2024	<0.005	<0.005	<0.005		<0.005	
2/27/2024				<0.005		0.0004 (J)
8/8/2024	<0.005	<0.005	<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/12/2024				<0.005	<0.005	<0.005
2/27/2025	<0.005	<0.005	<0.005			
2/28/2025					<0.005	<0.005
3/4/2025				<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	0.0066	<0.005	0.0036			0.017	
10/23/2007	0.0076						
10/24/2007		0.0088	<0.005				
11/2/2007						0.016	
11/18/2007	0.0055 (J)	0.0075	0.013			0.048	
1/30/2008	0.0094						
1/31/2008		<0.005	0.0069			0.039	
3/10/2008	0.0056		0.0044				
3/11/2008		0.0068				0.037	
5/6/2008		<0.005					
5/13/2008	0.0027		0.0033				
5/14/2008						0.051	
12/4/2008		0.013	<0.005				
12/5/2008	<0.005					0.038	
4/15/2009	<0.005					0.033	
4/21/2009		<0.005	<0.005				
10/7/2009	0.0076	<0.005					
10/8/2009			<0.005			0.037	
4/21/2010			<0.005				
4/26/2010		<0.005					
4/28/2010						0.037	
5/3/2010	<0.005						
9/28/2010			<0.005				
10/4/2010		0.0027					
10/6/2010						0.041	
10/12/2010	<0.005						
4/12/2011			<0.005				
4/13/2011		0.0029					
4/21/2011						0.034	
4/27/2011	<0.005						
10/4/2011			<0.005				
10/5/2011		<0.005					
10/13/2011						0.048	
10/17/2011	<0.005						
4/3/2012			<0.005				
4/11/2012		<0.005					
5/1/2012						0.0427	
5/2/2012	<0.005						
10/8/2012	<0.005						
10/9/2012		<0.005	<0.005			0.038	
4/11/2013			<0.005			0.038	
4/12/2013	<0.005						
4/15/2013		<0.005					
10/15/2013		<0.005					
10/16/2013	<0.005		<0.005			0.036	
4/10/2014			0.005 (J)				
4/11/2014	0.005 (J)						
4/22/2014		<0.005					
4/23/2014						0.03	
9/30/2014	<0.005	<0.005	<0.005				
10/4/2014						0.029	
3/30/2015	0.0033 (J)	<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						0.026	
10/12/2015						0.05	
10/13/2015	0.0013 (J)	<0.005	<0.005				
3/14/2016					<0.005		
3/15/2016							<0.005
3/22/2016	<0.005						
3/23/2016		<0.005	<0.005			0.0297	
5/11/2016					<0.005		<0.005
5/16/2016				<0.005			
7/19/2016					0.0005 (J)		
7/21/2016							<0.005
7/27/2016				0.0271 (o)			
7/29/2016	<0.005	0.0032 (J)	0.0006 (J)			0.0419	
9/15/2016					<0.005		<0.005
11/2/2016					<0.005		
11/3/2016							<0.005
1/17/2017							<0.005
1/18/2017					<0.005		
2/21/2017				<0.005			
3/24/2017							<0.005
3/27/2017				<0.005			
3/28/2017					<0.005 (*)		
3/30/2017	0.0004 (J)	<0.005				0.0392	
4/3/2017			0.0004 (J)				
9/26/2017					0.0005 (J)		<0.005
9/29/2017				<0.005			
10/2/2017	0.0003 (J)	<0.005	0.0003 (J)				
10/4/2017						0.0343	
3/14/2018					<0.005		<0.005
3/16/2018	<0.005		<0.005	<0.005			
3/19/2018		0.0025 (J)				0.033	
9/12/2018					<0.005		<0.005
9/14/2018		<0.005	<0.005	0.002 (J)			
9/17/2018	<0.005 (D)					0.033	
3/13/2019							<0.005
3/14/2019				<0.005			
3/15/2019					<0.005		
3/19/2019			<0.005				
3/20/2019	<0.005	<0.005				0.026	
9/9/2019					<0.005		0.0022 (J)
9/12/2019	<0.005	0.01273 (JD)					
9/13/2019			0.00055 (J)			0.026	
3/9/2020				0.011 (J)	0.0007 (J)		<0.005
3/11/2020	<0.005	0.0002 (J)	0.0011 (J)			0.027	
9/10/2020					<0.005		
9/11/2020							<0.005
9/15/2020	<0.005	<0.005	<0.005				
9/16/2020				<0.005			
3/10/2021							<0.005
3/12/2021					<0.005		
3/16/2021	<0.005		<0.005	<0.005			
3/17/2021		<0.005					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/29/2021						<0.005	
8/4/2021					<0.005		<0.005
8/6/2021				<0.005			
8/9/2021	<0.005	<0.005	0.0013 (J)			<0.005	
1/31/2022					<0.005		<0.005
2/1/2022	<0.005	<0.005	0.00096 (J)				
2/2/2022				<0.005		<0.005	
8/10/2022					<0.005		
8/12/2022							<0.005
8/16/2022	<0.005	<0.005	<0.005	<0.005		<0.005	
2/13/2023					<0.005		<0.005
2/14/2023				<0.005			
2/16/2023	<0.005	<0.005	0.0011 (J)				
2/17/2023						<0.005	
7/25/2023				<0.005			
7/26/2023					<0.005		<0.005
7/27/2023	0.0012 (J)	<0.005	0.0017 (J)				
8/1/2023						<0.005	
2/19/2024				<0.005	<0.005		<0.005
2/22/2024	<0.005	<0.005				<0.005	
2/26/2024			<0.005				
8/1/2024				<0.005	<0.005		<0.005
8/6/2024			<0.005				
8/7/2024	<0.005	0.00082 (J)					
8/8/2024						<0.005	
2/25/2025					<0.005		<0.005
2/26/2025				<0.005		<0.005	
2/27/2025	<0.005	<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							0.018
4/23/2009							0.013
10/6/2009							0.012
4/27/2010							0.0095
9/30/2010							0.0087
4/14/2011							0.0061
10/5/2011							<0.025
4/11/2012							<0.025
10/2/2012							<0.025
4/9/2013							0.0053
10/15/2013							0.0076
4/10/2014							0.005
10/1/2014							0.0047 (J)
3/30/2015							0.0048 (J)
10/11/2015							0.0055
3/11/2016			<0.005	<0.005	<0.005		
3/15/2016	<0.005	<0.005					
3/28/2016							<0.025
5/12/2016	<0.005						
5/13/2016		<0.005		<0.005	<0.005		
5/16/2016			<0.005				
7/19/2016				<0.005	<0.005		
7/20/2016	<0.005						
7/21/2016		0.0005 (J)					
7/22/2016			<0.005				
8/1/2016							0.0025 (J)
9/15/2016	0.0007 (J)						
9/16/2016				<0.005	<0.005		
9/19/2016			0.003 (J)				
9/21/2016		<0.005					
11/2/2016				<0.005	<0.005		
11/3/2016	<0.005	<0.005	<0.005				
1/17/2017		<0.005	<0.005				
1/18/2017	<0.005			<0.005	<0.005		
3/24/2017	<0.005						
3/27/2017		<0.005	<0.005				
3/28/2017				<0.005 (*)	<0.005 (*)		
4/7/2017						0.0004 (J)	0.003 (J)
9/22/2017				0.0004 (J)	0.0006 (J)		
9/25/2017	0.0003 (J)	0.0007 (J)					
9/26/2017			<0.005				
10/2/2017							0.0031 (J)
10/3/2017						<0.005 (D)	
3/14/2018	<0.005	0.0021 (J)	<0.005	<0.005			
3/15/2018					<0.005		
3/16/2018							0.0037 (J)
3/21/2018						<0.005	
9/12/2018	<0.005	<0.005		<0.005	<0.005		
9/14/2018			<0.005				
9/17/2018							0.0028 (J)
9/18/2018						<0.005	
3/13/2019				<0.005	0.0015 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/14/2019	<0.005	0.0022 (J)	<0.005				
3/19/2019							0.0023 (J)
3/21/2019						<0.005 (D)	
9/10/2019	0.00038 (JD)	0.0022 (J)	<0.005				
9/11/2019				0.00036 (J)	0.00026 (J)		
9/12/2019						0.00045 (JD)	
9/13/2019							0.0023 (J)
3/6/2020	0.00093 (J)		0.00019 (J)				
3/9/2020		0.0014 (J)		0.00035 (J)	0.00035 (J)		
3/11/2020							0.0026 (J)
3/12/2020						0.0002 (J)	
9/10/2020	<0.005	<0.005	<0.005				
9/11/2020				<0.005			
9/14/2020					<0.005		
9/16/2020							0.0018 (J)
9/17/2020						<0.005	
3/10/2021		<0.005					
3/11/2021	<0.005		<0.005	<0.005	<0.005		
3/16/2021						<0.005	
3/17/2021							0.0019 (J)
8/4/2021	<0.005	0.0008 (J)	<0.005				
8/5/2021					<0.005		
8/6/2021				<0.005			
8/9/2021							0.0017 (J)
8/10/2021						<0.005	
1/31/2022	<0.005	0.0028 (J)	<0.005	0.0014 (J)	<0.005		
2/1/2022							0.0017 (J)
2/3/2022						<0.005	
8/10/2022			<0.005		<0.005		
8/11/2022	<0.005	<0.005		<0.005			
8/16/2022							0.0014 (J)
8/17/2022						<0.005	
2/13/2023	<0.005	0.0012 (J)	<0.005		<0.005		
2/14/2023				<0.005			
2/16/2023							0.0015 (J)
2/17/2023						<0.005	
7/25/2023	<0.005	<0.005		<0.005	<0.005		
7/26/2023			<0.005				
7/28/2023						<0.005	0.0023 (J)
2/19/2024	<0.005	0.0011 (J)					
2/20/2024			<0.005	0.00068 (J)	<0.005		
2/22/2024							0.0015 (J)
2/27/2024						<0.005	
8/1/2024	<0.005	0.00053 (J)	<0.005				
8/2/2024				<0.005	<0.005		
8/8/2024						<0.005	0.0018 (J)
2/25/2025	<0.005	0.0035 (J)	<0.005	<0.005	<0.005		
2/27/2025							0.0017 (J)
2/28/2025						<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		0.0058	0.007	<0.005	0.0032	<0.005	<0.005
11/1/2007		<0.005	<0.005	<0.005	0.0031	<0.005	<0.005
11/18/2007				<0.005	<0.005		
11/19/2007						0.0029	0.0035
11/20/2007		0.006	0.0032				
1/16/2008						0.0067	
1/30/2008		0.0037	0.0039	<0.005	<0.005		
1/31/2008							<0.005
3/5/2008				<0.005		0.0058	<0.005
3/6/2008		0.004	<0.005		<0.005		
5/7/2008				0.0037	0.0029		
5/8/2008			0.0039				
5/12/2008		<0.005					<0.005
5/13/2008						<0.005	
12/12/2008	0.064 (O)						
12/13/2008		0.0051				<0.005	0.0028
12/14/2008			0.0046	<0.005	<0.005		
4/16/2009						0.0032	
4/23/2009	0.034						
4/28/2009							<0.005
4/29/2009		0.003	<0.005	<0.005	<0.005		
10/6/2009	0.026						
10/20/2009		<0.005					
10/21/2009			<0.005			<0.005	<0.005
10/22/2009				<0.005	<0.005		
4/21/2010			<0.005	<0.005	<0.005		
4/26/2010		<0.005					
4/27/2010						0.0034	
4/28/2010							<0.005
5/3/2010	0.014						
9/28/2010			<0.005	0.0028			
9/29/2010		<0.005			<0.005		
10/5/2010						<0.005	<0.005
10/11/2010	0.014						
4/12/2011			<0.005	<0.005			
4/13/2011		<0.005			<0.005		
4/19/2011						<0.005	<0.005
4/27/2011	0.028						
10/4/2011			<0.005	0.013	<0.005		
10/5/2011		<0.005					
10/12/2011						<0.005	
10/18/2011							<0.005
10/19/2011	<0.013						
4/3/2012			<0.005	<0.005			
4/4/2012		<0.005			<0.005		
4/24/2012						<0.005	
4/25/2012							<0.005
5/1/2012	0.0198						
10/2/2012	0.011					<0.005	<0.005
10/3/2012		<0.005		<0.005	<0.005		
10/8/2012			<0.005				
4/2/2013						0.0063	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		<0.005	<0.005	<0.005	<0.005		
4/10/2013	0.018						
10/8/2013							<0.005
10/9/2013				<0.005	<0.005	<0.005	
10/15/2013		<0.005	<0.005				
10/16/2013	0.016						
4/1/2014						<0.005	<0.005
4/2/2014				<0.005	0.005 (J)		
4/9/2014		<0.005	<0.005				
4/22/2014	0.014						
10/1/2014	0.0041 (J)						<0.005
10/2/2014		<0.005	<0.005	0.00084 (J)	0.0022 (J)	<0.005	
3/30/2015	0.012						
4/1/2015				<0.005	0.019	<0.005	<0.005
4/2/2015		<0.005	<0.005				
10/10/2015		0.0027 (J)					
10/11/2015	0.0049 (J)			<0.005	0.013		
10/12/2015			<0.005				
10/14/2015						0.0017 (J)	
10/15/2015							<0.005
3/28/2016	0.00734 (J)						
3/31/2016		<0.005	<0.005				
4/4/2016				<0.005	<0.005	<0.005	<0.005
8/1/2016	0.0049 (J)						
8/3/2016			<0.005	<0.005		<0.005	
8/4/2016					<0.005		<0.005
8/5/2016		<0.005					
4/3/2017	0.0023 (J)						
4/10/2017		<0.005	<0.005	<0.005	<0.005		
4/11/2017						0.0003 (J)	
4/12/2017							0.0003 (J)
10/2/2017	0.0023 (J)						
10/4/2017		<0.005	<0.005	<0.005	<0.005	<0.005	
10/9/2017							0.0005 (J)
3/16/2018	0.0035 (J)						
3/20/2018		<0.005					
3/21/2018			<0.005	<0.005			<0.005
3/22/2018					<0.005	<0.005	
9/18/2018	0.0041 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	
9/19/2018							<0.005
3/19/2019	0.0029 (J)						
3/22/2019		<0.005	<0.005				
3/23/2019				<0.005	<0.005	<0.005	<0.005
9/12/2019	0.0028 (J)						
9/17/2019		<0.005	0.00029 (J)	<0.005	0.00031 (J)	<0.005 (D)	
9/18/2019							0.00057 (J)
3/11/2020	0.0035 (J)						
3/12/2020		<0.005	<0.005	0.00023 (J)	0.00032 (J)	<0.005	
3/13/2020							0.00033 (J)
9/15/2020	0.0031 (J)						
9/17/2020		<0.005	<0.005				
9/21/2020				<0.005	<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							<0.005
3/17/2021	0.0024 (J)						
3/18/2021		<0.005	<0.005				<0.005
3/19/2021				<0.005	0.0018 (J)	<0.005	
8/9/2021	0.0028 (J)						
8/10/2021		<0.005					
8/11/2021			<0.005	<0.005	<0.005	<0.005	<0.005
2/2/2022	0.0033 (J)					<0.005	
2/4/2022		<0.005	<0.005	<0.005	<0.005		
2/17/2022							<0.005
8/17/2022	0.0098	<0.005					
8/18/2022			<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2023	0.0028 (J)						
2/20/2023		<0.005	<0.005	<0.005	<0.005		
2/21/2023						<0.005	
2/22/2023							<0.005
7/28/2023	0.0034 (J)						
7/31/2023		<0.005	<0.005				
8/1/2023				<0.005	<0.005	0.0039 (J)	<0.005
2/22/2024	0.003 (J)						
2/27/2024		<0.005	<0.005			<0.005	<0.005
2/28/2024				<0.005	<0.005		
8/8/2024	0.0027 (J)						
8/12/2024		<0.005	<0.005		<0.005	0.00048 (J)	<0.005
8/13/2024				<0.005			
2/28/2025	0.004 (J)	<0.005					
3/3/2025			<0.005		<0.005		<0.005
3/4/2025				<0.005		<0.005	

Time Series

Constituent: Copper (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.005						
8/23/2007			<0.005				
8/24/2007		0.0048 (J)		0.021			
11/1/2007	<0.005						
11/2/2007		<0.005	<0.005	0.0037			
11/17/2007		0.0031	0.02				
11/18/2007				0.007 (J)			
11/19/2007	0.0043						
1/15/2008		0.0033	0.0043	0.0055			
1/31/2008	<0.005						
3/5/2008	<0.005	0.0026					
3/6/2008			<0.005				
3/10/2008				0.0042			
5/7/2008	<0.005	0.0028	0.0026				
5/13/2008				<0.005			
12/2/2008		0.0029	<0.005	0.0039			
12/12/2008	0.013						
4/16/2009		0.0035					
4/28/2009			0.003	<0.005			
4/29/2009	0.0029						
10/19/2009			<0.005				
10/20/2009		0.0056		<0.005			
10/21/2009	<0.005						
4/20/2010		<0.005					
4/27/2010			<0.005	<0.005			
4/28/2010	0.0032						
9/29/2010		<0.005					
10/4/2010			0.0025				
10/5/2010				<0.005			
10/6/2010	<0.005						
4/12/2011		<0.005					
4/18/2011			<0.005				
4/19/2011				<0.005			
4/20/2011	<0.005						
10/4/2011		<0.005					
10/12/2011	<0.005		<0.005	<0.005			
4/4/2012		<0.005					
4/23/2012			<0.005				
4/25/2012	<0.005			<0.005			
10/2/2012	<0.005						
10/10/2012		<0.005	<0.005	<0.005			
4/2/2013	<0.005						
4/15/2013		<0.005	<0.005				
4/16/2013				<0.005			
10/8/2013	<0.005						
10/22/2013		<0.005	<0.005	<0.005			
4/1/2014	0.005 (J)						
4/21/2014		<0.005	<0.005	0.005 (J)			
9/30/2014		<0.005	<0.005	<0.005			
10/1/2014	<0.005						
3/31/2015	<0.005						
4/3/2015		<0.005	<0.005	<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.005			
10/7/2015		0.0012 (J)	0.00093 (J)				
10/14/2015	<0.005						
3/16/2016					<0.005	<0.005	<0.005
4/4/2016	<0.005						
4/5/2016		<0.005	<0.005	<0.005			
5/16/2016					<0.005	<0.005 (D)	<0.005 (D)
7/25/2016					0.0005 (J)	<0.005 (D)	<0.005 (D)
8/4/2016			0.0007 (J)				
8/9/2016		<0.005					
9/19/2016					<0.005	0.0032 (JD)	<0.005 (D)
11/3/2016					<0.005		<0.005 (D)
11/4/2016						0.0006 (JD)	
1/19/2017					<0.005		
1/20/2017							<0.005 (D)
1/23/2017						0.0008 (JD)	
3/28/2017					<0.005 (*)		
3/29/2017						0.0005 (JD)	0.0022 (JD)
4/11/2017	<0.005	<0.005		0.0003 (J)			
4/12/2017			<0.005				
9/26/2017					0.0006 (J)		
9/27/2017						0.0014 (J)	<0.005
10/5/2017		<0.005					
10/6/2017	<0.005		0.0003 (J)	<0.005			
3/15/2018					<0.005	<0.005	<0.005
3/22/2018		<0.005					
3/23/2018	<0.005		<0.005	<0.005			
9/12/2018					<0.005		
9/13/2018						<0.005	<0.005
9/19/2018		<0.005	<0.005	<0.005			
9/20/2018	<0.005						
3/14/2019					<0.005	<0.005 (D)	<0.005 (D)
3/22/2019	<0.005	<0.005		<0.005			
3/25/2019			<0.005				
9/11/2019					0.00043 (J)	0.012 (JD)	<0.005 (D)
9/17/2019		<0.005	<0.005	<0.005			
9/18/2019	0.00021 (X)						
3/10/2020					0.00067 (J)	0.00031 (J)	<0.005
3/13/2020		<0.005	0.00029 (J)	0.0002 (J)			
3/17/2020	0.00045 (J)						
9/11/2020						<0.005	<0.005
9/15/2020					<0.005		
9/21/2020		<0.005	<0.005	<0.005			
9/22/2020	<0.005						
3/11/2021					<0.005	<0.005	<0.005
3/18/2021		<0.005	<0.005	<0.005			
3/19/2021	<0.005						
8/4/2021					0.0006 (J)		
8/6/2021						<0.005	<0.005
8/11/2021		<0.005	<0.005	<0.005			
8/12/2021	<0.005						
1/31/2022					0.00053 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
2/1/2022						<0.005	<0.005
2/4/2022	<0.005	<0.005	<0.005				
2/7/2022				<0.005			
8/12/2022						<0.005	<0.005
8/15/2022					<0.005		
8/18/2022		<0.005					
8/19/2022	<0.005		<0.005	<0.005			
2/14/2023					0.0054	<0.005	<0.005
2/22/2023	0.0014 (J)	<0.005	<0.005	<0.005			
7/26/2023					<0.005	<0.005	<0.005
8/1/2023		<0.005		<0.005			
8/2/2023	0.0011 (J)		<0.005				
2/20/2024					0.0005 (J)	0.00067 (J)	<0.005
2/28/2024	<0.005	<0.005	<0.005	<0.005			
8/5/2024						<0.005	<0.005
8/6/2024					<0.005		
8/13/2024	<0.005	<0.005	<0.005	<0.005			
2/26/2025					<0.005	<0.005	<0.005
3/3/2025		<0.005	<0.005	<0.005			
3/4/2025	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							0.0064
10/25/2007							0.0081
11/19/2007							0.0059
1/23/2008							0.018
3/11/2008							0.027
5/12/2008							0.016
12/11/2008							0.016
4/15/2009							0.017
10/9/2009							0.045
5/4/2010							0.031
10/12/2010							0.024
4/28/2011							0.0044
10/19/2011							0.038
5/2/2012							0.0865 (O)
10/9/2012							0.053
4/11/2013							0.04
10/16/2013							0.054
4/23/2014							0.054
10/3/2014							0.066
3/31/2015							0.025
10/12/2015							0.018
3/10/2016	<0.005	<0.005	<0.005	<0.005			
3/17/2016					<0.005	<0.005	
3/28/2016							0.0256
5/17/2016	<0.005			<0.005			
5/18/2016		<0.005	<0.005		<0.005	<0.005	
7/26/2016	<0.005						
7/27/2016		<0.005	<0.005	<0.005	<0.005		
7/28/2016						0.0007 (J)	
8/1/2016							0.0178 (J)
9/20/2016	0.0008 (J)	0.0011 (J)	0.001 (J)	0.0018 (J)			
9/21/2016					<0.005	0.0018 (J)	
11/4/2016	<0.005		<0.005	<0.005	<0.005		
11/7/2016		<0.005				<0.005	
1/20/2017	<0.005		<0.005				
1/23/2017		<0.005		<0.005			
1/24/2017					<0.005	<0.005	
3/28/2017	<0.005			<0.005 (*)			
3/29/2017		0.0003 (J)	0.0003 (J)		<0.005		
3/30/2017						0.0003 (J)	
4/3/2017							0.0272
9/27/2017		<0.005	0.0011 (J)				
9/29/2017	<0.005			0.0003 (J)	<0.005	<0.005	
10/3/2017							0.0239 (J)
3/15/2018	<0.005	<0.005		<0.005	<0.005	<0.005	
3/16/2018			<0.005				
3/19/2018							0.021 (J)
9/13/2018	<0.005	<0.005	<0.005	<0.005	<0.005		
9/14/2018						<0.005	
9/17/2018							0.018 (J)
3/15/2019		<0.005		<0.005			
3/18/2019	<0.005				<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/19/2019			<0.005			<0.005	
3/20/2019							0.023 (J)
9/11/2019	<0.005		0.0008 (J)	0.000535 (JD)	<0.005	0.00021 (J)	
9/12/2019		<0.005					
9/16/2019							0.016 (J)
3/9/2020		<0.005	0.00032 (J)	0.00035 (J)		0.00035 (J)	
3/10/2020	<0.005						
3/11/2020					<0.005		
3/16/2020							0.012 (J)
9/11/2020					<0.005		
9/14/2020	<0.005	<0.005		<0.005		<0.005	
9/15/2020			<0.005				
9/16/2020							0.017 (J)
3/11/2021	<0.005	<0.005	<0.005	<0.005			
3/15/2021					<0.005	<0.005	
3/17/2021							0.019
8/4/2021				<0.005			
8/5/2021	<0.005	<0.005	<0.005			0.00061 (J)	
8/9/2021							0.026
8/11/2021					<0.005		
1/31/2022	<0.005			<0.005			
2/1/2022		<0.005	<0.005		<0.005	<0.005	
2/2/2022							0.024
8/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
8/16/2022							0.021
2/14/2023	<0.005	0.0016 (J)	<0.005	<0.005	<0.005	<0.005	
2/20/2023							0.023
7/26/2023	<0.005			<0.005			
7/27/2023		<0.005	<0.005		<0.005	<0.005	
7/28/2023							0.024
2/21/2024	<0.005	<0.005	<0.005	0.00045 (J)	<0.005	<0.005	
2/26/2024							0.019
8/5/2024	<0.005	<0.005	<0.005	<0.005			
8/6/2024					<0.005	<0.005	
8/8/2024							0.018
2/26/2025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
2/27/2025							0.016

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	0.0033					
8/23/2007						<0.005
10/25/2007	<0.005					
11/1/2007						0.0047
11/19/2007						0.0067 (J)
11/20/2007	0.0052					
1/15/2008						0.01
1/23/2008	0.0069					
3/6/2008						0.007
3/11/2008	0.0029					
5/13/2008						<0.005
5/14/2008	0.0035					
12/11/2008	<0.005					
12/12/2008						0.0048
4/16/2009						0.0042
4/23/2009	0.0038					
10/9/2009	0.0032					
10/13/2009						0.0034
4/21/2010						<0.005
5/4/2010	<0.005					
9/29/2010						<0.005
10/11/2010	0.0029					
4/13/2011						<0.005
4/26/2011	<0.005					
10/5/2011						<0.005
10/18/2011	<0.005			<0.005		
4/4/2012						<0.005
4/30/2012				<0.005		
5/2/2012	<0.005					
10/3/2012				<0.005		
10/8/2012	<0.005					<0.005
4/8/2013				<0.005		<0.005
4/10/2013	<0.005					
10/8/2013	<0.005					
10/9/2013				<0.005		<0.005
4/9/2014						<0.005
4/10/2014				<0.005		
4/14/2014	0.005 (J)					
9/30/2014						<0.005
10/2/2014				<0.005		
10/3/2014	0.00091 (J)					
4/1/2015	0.0011 (J)					
4/2/2015						<0.005
4/3/2015				<0.005		
5/26/2015		<0.005			<0.005	
6/18/2015		<0.005 (D)			0.005 (D)	
7/2/2015		<0.005			<0.005	
10/8/2015				0.002 (J)	0.00091 (J)	
10/9/2015	<0.005	<0.005				
10/10/2015						0.00345 (JD)
3/22/2016					<0.005	
3/29/2016	<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				<0.005		<0.005
8/1/2016	<0.005	<0.005				
8/2/2016			<0.005	<0.005	<0.005	
8/5/2016						<0.005
4/6/2017	<0.005	<0.005	0.0004 (J)	<0.005		0.0003 (J)
4/7/2017					<0.005	
10/3/2017	<0.005	<0.005	0.0006 (J)		0.0003 (J)	<0.005
10/4/2017				<0.005		
3/19/2018	<0.005					
3/20/2018		<0.005	<0.005		<0.005	<0.005
3/21/2018				<0.005		
9/17/2018	<0.005	<0.005				
9/18/2018			<0.005	<0.005	<0.005	<0.005 (D)
3/21/2019	0.0018 (J)	<0.005	<0.005			<0.005
3/27/2019				<0.005		
5/6/2019					<0.005	
9/13/2019			0.00025 (J)			
9/16/2019	<0.005	<0.005		<0.005 (D)	<0.005	0.00021 (J)
3/12/2020	<0.005	0.00028 (J)	0.00021 (J)	<0.005		0.00031 (J)
3/16/2020					0.00024 (J)	
9/16/2020	<0.005	<0.005	<0.005			
9/17/2020				<0.005	<0.005	<0.005
3/17/2021	<0.005	<0.005	<0.005	<0.005		
3/18/2021					<0.005	<0.005
8/10/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/2/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/17/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/17/2023	<0.005	<0.005				
2/20/2023			<0.005		<0.005	
2/21/2023				<0.005		<0.005
7/28/2023		<0.005				
7/31/2023	<0.005		<0.005	<0.005	<0.005	<0.005
2/26/2024	<0.005	<0.005	<0.005		<0.005	
2/27/2024				<0.005		<0.005
8/8/2024	<0.005	<0.005	<0.005			
8/12/2024				<0.005	<0.005	<0.005
2/27/2025	<0.005	<0.005	<0.005			
2/28/2025					<0.005	<0.005
3/4/2025				<0.005		

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2016					0.0657 (J)		
3/15/2016							0.0267 (J)
3/22/2016	0.0614 (J)						
3/23/2016		0.0477 (J)	0.0826 (J)			<0.1	
5/11/2016					0.0401 (J)		0.0255 (J)
5/16/2016				0.0202 (JD)			
5/19/2016	0.064 (J)		0.0409 (J)				
5/20/2016		0.033 (J)					
5/23/2016						<0.1	
7/19/2016					<0.1		
7/21/2016							<0.1
7/27/2016				0.08 (JD)			
7/29/2016	0.11 (J)	0.16 (J)	0.07 (J)			<0.1	
9/15/2016					<0.1		
9/19/2016							<0.1
9/22/2016			<0.1			<0.1	
9/23/2016	0.03 (J)	0.1 (J)					
11/2/2016					0.04 (J)		
11/3/2016							0.11 (J)
11/9/2016	0.1 (J)	0.04 (J)					
11/10/2016			0.03 (J)			<0.1	
1/17/2017							0.02 (J)
1/18/2017					0.03 (J)		
1/30/2017	<0.1						
1/31/2017		<0.1	<0.1			<0.1	
2/21/2017				0.17 (JD)			
3/24/2017							<0.1
3/27/2017				0.09 (JD)			
3/28/2017					0.06 (J)		
3/30/2017	0.01 (J)	0.02 (J)				<0.1	
4/3/2017			0.02 (J)				
5/24/2017							<0.1
6/7/2017					0.06 (J)		
6/8/2017				0.05 (JD)			
6/9/2017	0.04 (J)		0.06 (J)				
6/12/2017		0.17 (J)				<0.1	
7/17/2017				0.05 (JD)			
7/27/2017				0.08 (JD)			
8/9/2017				<0.1 (*)			
9/26/2017					0.04 (J)		<0.1
9/29/2017				0.04 (JD)			
10/2/2017	0.07 (J)	<0.1	<0.1				
10/4/2017						<0.1	
3/14/2018					0.14 (J)		0.055 (J)
3/16/2018	0.029 (J)		<0.1	0.27 (J)			
3/19/2018		1.1 (O)				<0.1	
9/12/2018					<0.1		<0.1
9/14/2018		<0.1	<0.1	0.1 (J)			
9/17/2018	<0.1 (D)					<0.1	
3/13/2019							0.045 (X)
3/14/2019				0.066 (X)			
3/15/2019					<0.1		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/19/2019			0.056 (J)				
3/20/2019	<0.1	<0.1				<0.1	
9/9/2019					0.054 (X)		<0.1
9/10/2019				0.055 (X)			
9/12/2019	0.051 (J)	<0.1 (D)					
9/13/2019			0.055 (J)			<0.1	
3/9/2020				<0.1	<0.1		<0.1
3/11/2020	0.052 (J)	<0.1	0.052 (J)			<0.1	
9/10/2020					<0.1		
9/11/2020							<0.1
9/15/2020	0.05 (J)	<0.1	<0.1				
9/16/2020				<0.1			
3/10/2021							<0.1
3/12/2021					0.051 (J)		
3/16/2021	<0.1		<0.1	<0.1			
3/17/2021		<0.1					
3/29/2021						0.053 (J)	
8/4/2021					<0.1		<0.1
8/6/2021				<0.1			
8/9/2021	<0.1	<0.1	<0.1			0.055 (J)	
1/31/2022					<0.1		<0.1
2/1/2022	<0.1	<0.1	<0.1				
2/2/2022				<0.1		<0.1	
8/10/2022					0.075 (J)		
8/12/2022							0.068 (J)
8/16/2022	0.089 (J)	0.086 (J)	0.09 (J)	<0.1		0.082 (J)	
2/13/2023					0.064 (J)		0.054 (J)
2/14/2023				0.074 (J)			
2/16/2023	0.07 (J)	0.061 (J)	0.079 (J)				
2/17/2023						0.055 (J)	
7/25/2023				<0.1			
7/26/2023					0.055 (J)		<0.1
7/27/2023	0.054 (J)	0.057 (J)	0.062 (J)				
8/1/2023						<0.1	
2/19/2024				<0.1	0.057 (J)		<0.1
2/22/2024	0.061 (J)	0.062 (J)				<0.1	
2/26/2024			0.05 (J)				
8/1/2024				<0.1	<0.1		<0.1
8/6/2024			0.076 (J)				
8/7/2024	0.08 (J)	0.083 (J)					
8/8/2024						0.063 (J)	
2/25/2025					0.076 (J)		0.066 (J)
2/26/2025				0.061 (J)		<0.1	
2/27/2025	0.075 (J)	0.076 (J)	0.095 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/11/2016			0.0296 (J)	0.0329 (J)	0.0141 (J)		
3/15/2016	0.0285 (J)	0.0394 (J)					
3/28/2016							0.0314 (J)
5/12/2016	0.022 (J)						
5/13/2016		0.0234 (J)		0.0459 (J)	0.0141 (J)		
5/16/2016			0.0287 (J)				
5/23/2016							0.027 (J)
7/19/2016				<0.1	<0.1		
7/20/2016	<0.1						
7/21/2016		<0.1					
7/22/2016			0.04 (J)				
8/1/2016							<0.1
9/15/2016	<0.1						
9/16/2016				<0.1	<0.1		
9/19/2016			<0.1				
9/21/2016		<0.1					
9/26/2016							<0.1
11/2/2016				0.04 (J)	0.04 (J)		
11/3/2016	0.05 (J)	0.12 (J)	0.04 (J)				
11/10/2016							0.04 (J)
1/17/2017		0.01 (J)	0.02 (J)				
1/18/2017	0.02 (J)			<0.1	0.02 (J)		
1/30/2017							<0.1
2/22/2017						0.3 (D)	
3/24/2017	<0.1						
3/27/2017		<0.1	<0.1				
3/28/2017				<0.1	<0.1		
4/7/2017						0.19 (JD)	<0.1
6/6/2017	<0.1	<0.1		<0.1	<0.1		
6/7/2017			<0.1				
6/12/2017							0.07 (J)
6/14/2017						0.19 (JD)	
7/12/2017						0.18 (JD)	
7/20/2017						0.17 (JD)	
7/28/2017						0.13 (JD)	
8/9/2017						0.245 (JD)	
8/24/2017						0.16 (JD)	
9/22/2017				<0.1	<0.1		
9/25/2017	<0.1	<0.1					
9/26/2017			<0.1				
10/2/2017							<0.1
10/3/2017						0.17 (JD)	
3/14/2018	<0.1	<0.1	0.06 (J)	<0.1			
3/15/2018					<0.1		
3/16/2018							<0.1
3/21/2018						0.24 (J)	
9/12/2018	<0.1	<0.1		<0.1	<0.1		
9/14/2018			<0.1				
9/17/2018							<0.1
9/18/2018						<0.3	
3/13/2019				<0.1	0.036 (X)		
3/14/2019	0.039 (X)	0.04 (X)	0.058 (X)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/19/2019							<0.1
3/21/2019						0.19 (JD)	
9/10/2019	<0.1	<0.1	<0.1				
9/11/2019				<0.1	<0.1		
9/12/2019						0.1 (JD)	
9/13/2019							<0.1
3/6/2020	<0.1		<0.1				
3/9/2020		<0.1		<0.1	<0.1		
3/11/2020							<0.1
3/12/2020						0.18 (J)	
9/10/2020	<0.1	<0.1	<0.1				
9/11/2020				<0.1			
9/14/2020					<0.1		
9/16/2020							<0.1
9/17/2020						0.12 (J)	
3/10/2021		<0.1					
3/11/2021	<0.1		<0.1	<0.1	<0.1		
3/16/2021						0.1	
3/17/2021							<0.1
8/4/2021	<0.1	<0.1	<0.1				
8/5/2021					<0.1		
8/6/2021				<0.1			
8/9/2021							<0.1
8/10/2021						0.087 (J)	
1/31/2022	<0.1	<0.1	<0.1	<0.1	<0.1		
2/1/2022							<0.1
2/3/2022						0.15	
8/10/2022			0.068 (J)		0.062 (J)		
8/11/2022	<0.1	<0.1		<0.1			
8/16/2022							0.06 (J)
8/17/2022						0.11	
2/13/2023	0.05 (J)	<0.1	0.056 (J)		<0.1		
2/14/2023				0.052 (J)			
2/16/2023							<0.1
2/17/2023						0.11	
7/25/2023	<0.1	<0.1		<0.1	<0.1		
7/26/2023			<0.1				
7/28/2023						0.077 (J)	<0.1
2/19/2024	<0.1	<0.1					
2/20/2024			<0.1	<0.1	<0.1		
2/22/2024							<0.1
2/27/2024						0.087 (J)	
8/1/2024	<0.1	<0.1	<0.1				
8/2/2024				<0.1	<0.1		
8/8/2024						0.16	<0.1
2/25/2025	0.052 (J)	0.05 (J)	0.06 (J)	<0.1	<0.1		
2/27/2025							<0.1
2/28/2025						0.081 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/28/2016	0.0326 (J)						
3/31/2016		0.0389 (J)	0.0209 (J)				
4/4/2016				0.0357 (J)	0.022 (J)	0.035 (J)	0.026 (J)
5/25/2016	0.0285 (J)						
5/26/2016		0.0375 (J)	0.037 (J)	0.042 (J)	0.023 (J)		
5/27/2016						0.032 (J)	
5/31/2016							0.0234 (J)
8/1/2016	<0.1						
8/3/2016			<0.1	0.04 (J)		<0.1	
8/4/2016					0.05 (J)		0.09 (J)
8/5/2016		0.03 (J)					
9/26/2016	<0.1						
9/28/2016		<0.1	0.05 (J)	<0.1	<0.1		
9/29/2016							<0.1
9/30/2016						<0.1	
11/11/2016	<0.1						
11/22/2016		0.04 (J)	0.04 (J)	0.06 (J)	0.04 (J)	0.03 (J)	
11/28/2016							0.08 (J)
1/30/2017	<0.1						
2/7/2017		<0.1	<0.1				
2/8/2017				0.05 (J)	<0.1		
2/9/2017							0.24 (J)
2/13/2017						<0.1	
4/3/2017	0.04 (J)						
4/10/2017		<0.1	<0.1	<0.1	<0.1		
4/11/2017						<0.1	
4/12/2017							<0.1
6/12/2017	0.06 (J)						
6/14/2017		0.02 (J)	<0.1			0.01 (J)	
6/15/2017				0.03 (J)	<0.1		
6/16/2017							0.04 (J)
10/2/2017	<0.1						
10/4/2017		<0.1	<0.1	<0.1	<0.1	<0.1	
10/9/2017							<0.1
3/16/2018	<0.1						
3/20/2018		<0.1					
3/21/2018			<0.1	<0.1			<0.1
3/22/2018					<0.1	<0.1	
9/18/2018	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
9/19/2018							<0.1
3/19/2019	<0.1						
3/22/2019		0.045 (J)	<0.1				
3/23/2019				<0.1	<0.1	<0.1	<0.1
9/12/2019	<0.1						
9/17/2019		<0.1	<0.1	<0.1	<0.1	<0.1 (D)	
9/18/2019							<0.1
3/11/2020	<0.1						
3/12/2020		<0.1	<0.1	<0.1	<0.1	<0.1	
3/13/2020							<0.1
9/15/2020	<0.1						
9/17/2020		<0.1	<0.1				
9/21/2020				<0.1	<0.1	<0.1	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							<0.1
3/17/2021	<0.1						
3/18/2021		<0.1	<0.1				<0.1
3/19/2021				<0.1	<0.1	<0.1	
8/9/2021	<0.1						
8/10/2021		<0.1					
8/11/2021			<0.1	<0.1	<0.1	<0.1	<0.1
2/2/2022	<0.1					<0.1	
2/4/2022		<0.1	<0.1	<0.1	<0.1		
2/17/2022							<0.1
8/17/2022	0.063 (J)	0.094 (J)					
8/18/2022			0.051 (J)	<0.1	<0.1	0.052 (J)	0.061 (J)
2/16/2023	<0.1						
2/20/2023		<0.1	<0.1	<0.1	<0.1		
2/21/2023						0.054 (J)	
2/22/2023							0.06 (J)
7/28/2023	<0.1						
7/31/2023		0.07 (J)	<0.1				
8/1/2023				0.05 (J)	<0.1	<0.1	<0.1
2/22/2024	<0.1						
2/27/2024		0.05 (J)	<0.1			<0.1	<0.1
2/28/2024				0.06 (J)	<0.1		
8/8/2024	<0.1						
8/12/2024		<0.1	<0.1		<0.1	<0.1	<0.1
8/13/2024				<0.1			
2/28/2025	<0.1	<0.1					
3/3/2025			<0.1		<0.1		<0.1
3/4/2025				0.065 (J)		0.057 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/16/2016					0.0657 (J)	<0.1	0.0167 (J)
4/4/2016	0.044 (J)						
4/5/2016		0.019 (J)	0.027 (J)	0.053 (J)			
5/16/2016					0.0415 (J)	<0.1 (D)	0.0161 (JD)
5/31/2016			0.0233 (J)	0.0669 (J)			
6/1/2016	0.0338 (J)	0.0148 (J)					
7/25/2016					0.14 (J)	0.02 (JD)	0.14 (JD)
8/4/2016			<0.1				
8/9/2016		0.04 (J)					
9/19/2016					<0.1	<0.1 (D)	<0.1 (D)
9/29/2016			<0.1				
11/3/2016					0.06 (J)		0.08 (JD)
11/4/2016						0.04 (JD)	
11/23/2016			0.04 (J)	0.03 (J)			
11/28/2016		0.07 (J)					
1/19/2017					0.009 (J)		
1/20/2017							0.01 (JD)
1/23/2017						0.006 (JD)	
2/9/2017		0.08 (J)					
2/10/2017			<0.1	<0.1			
2/22/2017	0.22 (J)						
3/28/2017					0.04 (J)		
3/29/2017						<0.1 (D)	<0.1 (D)
4/11/2017	0.16 (J)	<0.1		<0.1			
4/12/2017			<0.1				
6/5/2017					0.06 (J)		
6/7/2017						<0.1	<0.1
6/14/2017		0.01 (J)					
6/15/2017			0.06 (J)	0.02 (J)			
6/16/2017	0.2 (J)						
7/12/2017	0.2 (J)	0.05 (J)		0.04 (J)			
7/20/2017					0.21 (J)		
7/26/2017				0.03 (J)			
7/28/2017	0.18 (J)						
8/10/2017	<0.3						
9/26/2017					0.14 (J)		
9/27/2017						<0.1	<0.1
10/5/2017		<0.1					
10/6/2017	0.14 (J)		<0.1	<0.1			
3/15/2018					0.11 (J)	<0.1	<0.1
3/22/2018		<0.1					
3/23/2018	0.24 (J)		<0.1	<0.1			
9/12/2018					0.062 (J)		
9/13/2018						<0.1	<0.1
9/19/2018		<0.1	<0.1	<0.1			
9/20/2018	<0.3						
3/14/2019					0.13 (X)	<0.1 (D)	0.039 (XJD)
3/22/2019	0.12 (J)	<0.1		<0.1			
3/25/2019			<0.1				
9/11/2019					<0.1	<0.1 (D)	<0.1 (D)
9/17/2019		<0.1	<0.1	<0.1			
9/18/2019	0.17 (X)						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/10/2020					0.13 (J)	<0.1	<0.1
3/13/2020		<0.1	<0.1	<0.1			
3/17/2020	0.11 (J)						
9/11/2020						<0.1	<0.1
9/15/2020					<0.1		
9/21/2020		<0.1	<0.1	<0.1			
9/22/2020	0.1 (J)						
3/11/2021					<0.1	<0.1	<0.1
3/18/2021		<0.1	<0.1	<0.1			
3/19/2021	0.12						
8/4/2021					<0.1		
8/6/2021						<0.1	<0.1
8/11/2021		<0.1	<0.1	<0.1			
8/12/2021	0.11						
1/31/2022					<0.1		
2/1/2022						<0.1	<0.1
2/4/2022	0.13	<0.1	<0.1				
2/7/2022				<0.1			
8/12/2022						<0.1	0.063 (J)
8/15/2022					0.056 (J)		
8/18/2022		<0.1					
8/19/2022	0.14		0.054 (J)	0.053 (J)			
2/14/2023					0.075 (J)	<0.1	<0.1
2/22/2023	0.15	<0.1	0.05 (J)	<0.1			
7/26/2023					<0.1	<0.1	<0.1
8/1/2023		<0.1		<0.1			
8/2/2023	0.14		<0.1				
2/20/2024					<0.1	<0.1	<0.1
2/28/2024	0.14	<0.1	<0.1	<0.1			
8/5/2024						<0.1	<0.1
8/6/2024					<0.1		
8/13/2024	0.12	<0.1	<0.1	<0.1			
2/26/2025					0.059 (J)	<0.1	0.055 (J)
3/3/2025		<0.1	<0.1	<0.1			
3/4/2025	0.16						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/10/2016	0.0235 (J)	0.0439 (J)	0.0551 (J)	0.0195 (J)			
3/17/2016					0.0257 (J)	0.017 (J)	
3/28/2016							0.0284 (J)
5/17/2016	0.0281 (J)			0.0156 (J)			
5/18/2016		0.059 (J)	0.065 (J)		0.022 (J)	0.015 (J)	
5/25/2016							0.0207 (J)
7/26/2016	<0.1						
7/27/2016		0.1 (J)	0.09 (J)	<0.1	0.07 (J)		
7/28/2016						0.08 (J)	
8/1/2016							<0.1
9/20/2016	<0.1	0.04 (J)	<0.1	0.03 (J)			
9/21/2016					<0.1	<0.1	
9/27/2016							<0.1
11/4/2016	0.05 (J)		0.04 (J)	0.06 (J)	0.03 (J)		
11/7/2016		0.1 (J)				<0.1	
11/11/2016							0.04 (J)
1/20/2017	0.01 (J)		0.009 (J)				
1/23/2017		0.13 (J)		0.02 (J)			
1/24/2017					<0.1	<0.1	
1/31/2017							<0.1
3/28/2017	<0.1			<0.1			
3/29/2017		0.04 (J)	<0.1		<0.1		
3/30/2017						<0.1	
4/3/2017							<0.1
6/7/2017	<0.1						
6/8/2017		0.05 (J)	<0.1 (*)	0.06 (J)	<0.1 (*)		
6/9/2017						<0.1	
6/12/2017							0.02 (J)
9/27/2017		0.04 (J)	<0.1				
9/29/2017	<0.1			<0.1	<0.1	<0.1	
10/3/2017							<0.1
3/15/2018	<0.1	<0.1		<0.1	<0.1	<0.1	
3/16/2018			0.13 (J)				
3/19/2018							<0.1
9/13/2018	<0.1	0.047 (J)	<0.1	<0.1	<0.1		
9/14/2018						<0.1	
9/17/2018							<0.1
3/15/2019		<0.1		<0.1			
3/18/2019	<0.1				<0.1		
3/19/2019			<0.1			<0.1	
3/20/2019							<0.1
9/11/2019	<0.1		<0.1	<0.1	<0.1	<0.1	
9/12/2019		<0.1					
9/16/2019							<0.1
3/9/2020		<0.1	<0.1	<0.1		<0.1	
3/10/2020	<0.1						
3/11/2020					<0.1		
3/16/2020							<0.1
9/11/2020					<0.1		
9/14/2020	<0.1	<0.1		<0.1		<0.1	
9/15/2020			<0.1				
9/16/2020							<0.1

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/11/2021	<0.1	<0.1	<0.1	<0.1			
3/15/2021					<0.1	<0.1	
3/17/2021							<0.1
8/4/2021				<0.1			
8/5/2021	<0.1	<0.1	<0.1			<0.1	
8/9/2021							<0.1
8/11/2021					<0.1		
1/31/2022	<0.1			<0.1			
2/1/2022		<0.1	<0.1		<0.1	<0.1	
2/2/2022							<0.1
8/15/2022	0.06 (J)	0.058 (J)	0.069 (J)	0.065 (J)	<0.1	<0.1	
8/16/2022							0.062 (J)
2/14/2023	0.091 (J)	0.064 (J)	0.081 (J)	0.058 (J)	<0.1	<0.1	
2/20/2023							<0.1
7/26/2023	<0.1			0.068 (J)			
7/27/2023		<0.1	<0.1		<0.1	<0.1	
7/28/2023							<0.1
2/21/2024	<0.1	0.059 (J)	0.095 (J)	0.065 (J)	<0.1	<0.1	
2/26/2024							<0.1
8/5/2024	<0.1	<0.1	<0.1	<0.1			
8/6/2024					0.05 (J)	<0.1	
8/8/2024							<0.1
2/26/2025	0.053 (J)	0.073 (J)	0.063 (J)	0.085 (J)	0.05 (J)	<0.1	
2/27/2025							0.05 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/22/2016					0.048 (J)	
3/29/2016	0.0239 (J)	0.0364 (J)				
3/30/2016				0.0228 (J)		0.0241 (J)
5/24/2016	0.023 (J)	0.0286 (J)		0.019 (J)		
5/25/2016					0.0345 (J)	
5/26/2016						0.0307 (J)
5/31/2016			0.043 (J)			
8/1/2016	<0.1	0.08 (J)				
8/2/2016			<0.1	<0.1	0.08 (J)	
8/5/2016						<0.1
9/26/2016	<0.1	<0.1			0.07 (J)	
9/27/2016			<0.1	<0.1		
9/28/2016						<0.1
11/14/2016		0.08 (J)				
11/18/2016	0.02 (J)					
11/21/2016			0.22 (J)		0.07 (J)	0.05 (J)
11/22/2016				0.02 (J)		
2/1/2017	<0.1	<0.1	<0.1			
2/3/2017					<0.1	
2/6/2017				<0.1		<0.1
4/6/2017	<0.1	<0.1	0.008 (J)	<0.1		<0.1
4/7/2017					0.03 (J)	
6/13/2017	0.006 (J)	0.05 (J)	0.03 (J)		0.05 (J)	<0.1
6/14/2017				<0.1		
7/14/2017			0.05 (J)			
10/3/2017	<0.1	<0.1	0.06 (J)		0.1 (J)	<0.1
10/4/2017				<0.1		
3/19/2018	<0.1					
3/20/2018		<0.1	<0.1		<0.1	<0.1
3/21/2018				<0.1		
9/17/2018	<0.1	<0.1				
9/18/2018			<0.1	<0.1	<0.1	<0.1 (D)
3/21/2019	<0.1	<0.1	<0.1			<0.1
3/27/2019				<0.1		
5/6/2019					<0.1	
9/13/2019			<0.1			
9/16/2019	<0.1	<0.1		<0.1 (D)	<0.1	<0.1
3/12/2020	<0.1	<0.1	<0.1	<0.1		<0.1
3/16/2020					<0.1	
9/16/2020	<0.1	<0.1	<0.1			
9/17/2020				<0.1	<0.1	<0.1
3/17/2021	<0.1	<0.1	<0.1	<0.1		
3/18/2021					<0.1	<0.1
8/10/2021	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2/2/2022	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
8/17/2022	0.064 (J)	0.07 (J)	0.073 (J)	0.062 (J)	0.062 (J)	0.067 (J)
2/17/2023	<0.1	0.052 (J)				
2/20/2023			0.057 (J)		0.061 (J)	
2/21/2023				0.057 (J)		<0.1
7/28/2023		<0.1				
7/31/2023	<0.1		<0.1	<0.1	0.056 (J)	<0.1
2/26/2024	<0.1	<0.1	<0.1		<0.1	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
2/27/2024				<0.1		<0.1
8/8/2024	0.052 (J)	0.055 (J)	0.063 (J)			
8/12/2024				<0.1	<0.1	<0.1
2/27/2025	0.052 (J)	0.057 (J)	0.062 (J)			
2/28/2025					<0.1	<0.1
3/4/2025				0.055 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.001	<0.001	<0.001			<0.001	
10/23/2007	<0.001						
10/24/2007		<0.001	<0.001				
11/2/2007						<0.001	
11/18/2007	<0.001	<0.001	<0.001			<0.001	
1/30/2008	<0.001						
1/31/2008		<0.001	<0.001			<0.001	
3/10/2008	<0.001		<0.001				
3/11/2008		<0.001				<0.001	
5/6/2008		<0.001					
5/13/2008	<0.001		<0.001				
5/14/2008						<0.001	
12/4/2008		<0.001	<0.001				
12/5/2008	<0.001					<0.001	
4/15/2009	<0.001					<0.001	
4/21/2009		<0.001	<0.001				
10/7/2009	<0.001	<0.001					
10/8/2009			<0.001			<0.001	
4/21/2010			<0.001				
4/26/2010		<0.001					
4/28/2010						<0.001	
5/3/2010	<0.001						
9/28/2010			<0.001				
10/4/2010		<0.001					
10/6/2010						<0.001	
10/12/2010	<0.001						
4/12/2011			<0.001				
4/13/2011		<0.001					
4/21/2011						<0.001	
4/27/2011	<0.001						
10/4/2011			<0.001				
10/5/2011		<0.001					
10/13/2011						<0.001	
10/17/2011	<0.001						
4/3/2012			<0.001				
4/11/2012		<0.001					
5/1/2012						<0.001	
5/2/2012	<0.001						
10/8/2012	<0.001						
10/9/2012		<0.001	<0.001			<0.001	
4/11/2013			<0.001			<0.001	
4/12/2013	<0.001						
4/15/2013		<0.001					
10/15/2013		<0.001					
10/16/2013	<0.001		<0.001			<0.001	
4/10/2014			<0.001				
4/11/2014	<0.001						
4/22/2014		<0.001					
4/23/2014						<0.001	
9/30/2014	<0.001	<0.001	<0.001				
10/4/2014						<0.001	
3/30/2015	0.0028 (J)	<0.001	<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						<0.001	
10/12/2015						<0.001	
10/13/2015	<0.001	<0.001	<0.001				
3/14/2016					<0.001		
3/15/2016							<0.001
3/22/2016	<0.001						
3/23/2016		<0.001	<0.001			<0.001	
5/11/2016					<0.001		<0.001
5/16/2016				<0.001 (D)			
5/19/2016	<0.001		<0.001				
5/20/2016		<0.001					
5/23/2016						<0.001	
7/19/2016					<0.001		
7/21/2016							<0.001
7/27/2016				0.0011 (JD)			
7/29/2016	0.0002 (J)	0.0001 (J)	<0.001			<0.001	
9/15/2016					<0.001		<0.001
9/22/2016			<0.001			<0.001	
9/23/2016	<0.001	<0.001					
11/2/2016					<0.001		
11/3/2016							<0.001
11/9/2016	0.0004 (J)	<0.001					
11/10/2016			<0.001			<0.001	
1/17/2017							<0.001
1/18/2017					<0.001		
1/30/2017	<0.001						
1/31/2017		<0.001	<0.001			<0.001	
2/21/2017				<0.001			
3/24/2017							<0.001 (*)
3/27/2017				<0.001 (D)			
3/28/2017					<0.001 (*)		
3/30/2017	8E-05 (J)	<0.001				<0.001	
4/3/2017			<0.001				
5/24/2017							0.0001 (J)
6/7/2017					8E-05 (J)		
6/8/2017				<0.001 (D)			
6/9/2017	0.0001 (J)		<0.001				
6/12/2017		<0.001				<0.001	
7/17/2017				<0.001 (D)			
7/27/2017				0.0001 (J)			
8/9/2017				<0.001			
9/26/2017					0.0002 (J)		0.0001 (J)
9/29/2017				<0.001 (D)			
10/2/2017	0.0002 (J)	<0.001	<0.001				
10/4/2017						<0.001	
3/14/2018					<0.001		0.00046 (J)
3/16/2018	<0.001		<0.001	<0.001			
3/19/2018		<0.001				<0.001	
9/12/2018					<0.001		<0.001
9/14/2018		<0.001	<0.001	<0.001			
9/17/2018	<0.001 (D)					<0.001	
3/13/2019							<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				<0.001			
3/15/2019					<0.001		
3/19/2019			<0.001				
3/20/2019	<0.001	<0.001				<0.001	
9/9/2019					<0.001		<0.001
9/12/2019	<0.001	0.002536 (JD)					
9/13/2019			<0.001			<0.001	
3/9/2020				0.00027 (J)	5.5E-05 (J)		9.5E-05 (J)
3/11/2020	<0.001	<0.001	5.8E-05 (J)			<0.001	
9/10/2020					<0.001		
9/11/2020							<0.001
9/15/2020	9.3E-05 (J)	<0.001	5E-05 (J)				
9/16/2020				0.0005 (J)			
3/10/2021							<0.001
3/12/2021					0.0002 (J)		
3/16/2021	5.2E-05 (J)		7E-05 (J)	0.0002 (J)			
3/17/2021		<0.001					
3/29/2021						<0.001	
8/4/2021					<0.001		<0.001
8/6/2021				<0.001			
8/9/2021	<0.001	<0.001	<0.001			<0.001	
1/31/2022					<0.001		<0.001
2/1/2022	<0.001	<0.001	<0.001				
2/2/2022				<0.001		<0.001	
8/10/2022					<0.001		
8/12/2022							<0.001
8/16/2022	<0.001	<0.001	<0.001	<0.001		<0.001	
2/13/2023					<0.001		<0.001
2/14/2023				<0.001			
2/16/2023	<0.001	<0.001	<0.001				
2/17/2023						<0.001	
7/25/2023				0.00014 (J)			
7/26/2023					<0.001		<0.001
7/27/2023	<0.001	<0.001	<0.001				
8/1/2023						<0.001	
2/19/2024				<0.001	<0.001		<0.001
2/22/2024	<0.001	<0.001				<0.001	
2/26/2024			<0.001				
8/1/2024				<0.001	<0.001		<0.001
8/6/2024			<0.001				
8/7/2024	<0.001	<0.001					
8/8/2024						<0.001	
2/25/2025					<0.001		<0.001
2/26/2025				<0.001		<0.001	
2/27/2025	<0.001	<0.001	<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.001
4/23/2009							<0.001
10/6/2009							<0.001
4/27/2010							<0.001
9/30/2010							<0.001
4/14/2011							<0.001
10/5/2011							<0.001
4/11/2012							<0.001
10/2/2012							<0.001
4/9/2013							<0.001
10/15/2013							<0.001
4/10/2014							<0.001
10/1/2014							<0.001
3/30/2015							<0.001
10/11/2015							<0.001
3/11/2016			<0.001	<0.001	<0.001		
3/15/2016	<0.001	<0.001					
3/28/2016							<0.001
5/12/2016	<0.001						
5/13/2016		<0.001		<0.001	<0.001		
5/16/2016			<0.001				
5/23/2016							<0.001
7/19/2016				<0.001	<0.001		
7/20/2016	<0.001						
7/21/2016		0.0001 (J)					
7/22/2016			0.0001 (J)				
8/1/2016							<0.001
9/15/2016	<0.001						
9/16/2016				<0.001	<0.001		
9/19/2016			0.0002 (J)				
9/21/2016		<0.001					
9/26/2016							0.0001 (J)
11/2/2016				<0.001	<0.001		
11/3/2016	<0.001	<0.001	<0.001				
11/10/2016							<0.001
1/17/2017		<0.001	<0.001				
1/18/2017	<0.001			<0.001	<0.001		
1/30/2017							<0.001
2/22/2017						0.0002 (J)	
3/24/2017	<0.001						
3/27/2017		<0.001	<0.001				
3/28/2017				<0.001	<0.001		
4/7/2017						<0.001	<0.001
6/6/2017	<0.001	<0.001		7E-05 (J)	0.0001 (J)		
6/7/2017			<0.001				
6/12/2017							<0.001
6/14/2017						<0.001 (D)	
7/12/2017						<0.001 (D)	
7/20/2017						<0.001 (D)	
7/28/2017						<0.001	
8/9/2017						<0.001	
8/24/2017						<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				8E-05 (J)	7E-05 (J)		
9/25/2017	<0.001	0.0001 (J)					
9/26/2017			<0.001				
10/2/2017							0.0003 (J)
10/3/2017						<0.001 (D)	
3/14/2018	<0.001	0.00031 (J)	<0.001	<0.001			
3/15/2018					0.0038 (J)		
3/16/2018							<0.001
3/21/2018						<0.001	
9/12/2018	<0.001	<0.001		<0.001	<0.001		
9/14/2018			<0.001				
9/17/2018							<0.001
9/18/2018						<0.001	
3/13/2019				<0.001	<0.001		
3/14/2019	<0.001	0.00031 (J)	<0.001				
3/19/2019							<0.001
3/21/2019						<0.001 (D)	
9/10/2019	<0.001 (D)	<0.001	<0.001				
9/11/2019				0.0001 (J)	9.2E-05 (J)		
9/12/2019						6.5E-05 (JD)	
9/13/2019							<0.001
3/6/2020	9.1E-05 (J)		0.00011 (J)				
3/9/2020		4.9E-05 (J)		9.1E-05 (J)	9.6E-05 (J)		
3/11/2020							<0.001
3/12/2020						<0.001	
9/10/2020	<0.001	<0.001	<0.001				
9/11/2020				4.6E-05 (J)			
9/14/2020					6.6E-05 (J)		
9/16/2020							9.3E-05 (J)
9/17/2020						<0.001	
3/10/2021		0.00012 (J)					
3/11/2021	<0.001		<0.001	6.3E-05 (J)	0.00013 (J)		
3/16/2021						<0.001	
3/17/2021							<0.001
8/4/2021	<0.001	<0.001	<0.001				
8/5/2021					<0.001		
8/6/2021				<0.001			
8/9/2021							<0.001
8/10/2021						<0.001	
1/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001		
2/1/2022							<0.001
2/3/2022						<0.001	
8/10/2022			<0.001		<0.001		
8/11/2022	<0.001	<0.001		<0.001			
8/16/2022							<0.001
8/17/2022						<0.001	
2/13/2023	<0.001	<0.001	<0.001		<0.001		
2/14/2023				<0.001			
2/16/2023							<0.001
2/17/2023						<0.001	
7/25/2023	<0.001	<0.001		0.00018 (J)	<0.001		
7/26/2023			<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
7/28/2023						<0.001	<0.001
2/19/2024	<0.001	<0.001					
2/20/2024			<0.001	<0.001	<0.001		
2/22/2024							<0.001
2/27/2024						<0.001	
8/1/2024	<0.001	<0.001	<0.001				
8/2/2024				<0.001	<0.001		
8/8/2024						<0.001	<0.001
2/25/2025	<0.001	<0.001	<0.001	<0.001	<0.001		
2/27/2025							<0.001
2/28/2025						<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11/1/2007		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11/18/2007				<0.001	<0.001		
11/19/2007						<0.001	<0.001
11/20/2007		<0.001	<0.001				
1/16/2008						<0.001	
1/30/2008		<0.001	<0.001	<0.001	<0.001		
1/31/2008							<0.001
3/5/2008				<0.001		<0.001	<0.001
3/6/2008		<0.001	<0.001		<0.001		
5/7/2008				<0.001	<0.001		
5/8/2008			<0.001				
5/12/2008		<0.001					<0.001
5/13/2008						<0.001	
12/12/2008	<0.001						
12/13/2008		<0.001				<0.001	<0.001
12/14/2008			<0.001	<0.001	<0.001		
4/16/2009						<0.001	
4/23/2009	<0.001						
4/28/2009							<0.001
4/29/2009		<0.001	<0.001	<0.001	<0.001		
10/6/2009	<0.001						
10/20/2009		<0.001					
10/21/2009			<0.001			<0.001	<0.001
10/22/2009				<0.001	<0.001		
4/21/2010			<0.001	<0.001	<0.001		
4/26/2010		<0.001					
4/27/2010						<0.001	
4/28/2010							<0.001
5/3/2010	<0.001						
9/28/2010			<0.001	<0.001			
9/29/2010		<0.001			<0.001		
10/5/2010						<0.001	<0.001
10/11/2010	<0.001						
4/12/2011			<0.001	<0.001			
4/13/2011		<0.001			<0.001		
4/19/2011						<0.001	<0.001
4/27/2011	<0.001						
10/4/2011			<0.001	<0.001	<0.001		
10/5/2011		<0.001					
10/12/2011						<0.001	
10/18/2011							<0.001
10/19/2011	<0.001						
4/3/2012			<0.001	<0.001			
4/4/2012		<0.001			<0.001		
4/24/2012						<0.001	
4/25/2012							<0.001
5/1/2012	0.0012						
10/2/2012	<0.001					<0.001	<0.001
10/3/2012		<0.001		<0.001	<0.001		
10/8/2012			<0.001				
4/2/2013						<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		<0.001	<0.001	<0.001	<0.001		
4/10/2013	<0.001						
10/8/2013							<0.001
10/9/2013				<0.001	<0.001	<0.001	
10/15/2013		<0.001	<0.001				
10/16/2013	<0.001						
4/1/2014						<0.001	<0.001
4/2/2014				<0.001	<0.001		
4/9/2014		<0.001	<0.001				
4/22/2014	<0.001						
10/1/2014	<0.001						<0.001
10/2/2014		<0.001	<0.001	<0.001	<0.001	<0.001	
3/30/2015	<0.001						
4/1/2015				<0.001	<0.001	<0.001	<0.001
4/2/2015		<0.001	<0.001				
10/10/2015		<0.001					
10/11/2015	<0.001			<0.001	<0.001		
10/12/2015			<0.001				
10/14/2015						<0.001	
10/15/2015							<0.001
3/28/2016	<0.001						
3/31/2016		<0.001	<0.001				
4/4/2016				<0.001	<0.001	<0.001	<0.001
5/25/2016	<0.001						
5/26/2016		<0.001	<0.001	<0.001	<0.001		
5/27/2016						<0.001	
5/31/2016							<0.001
8/1/2016	<0.001						
8/3/2016			<0.001	<0.001		<0.001	
8/4/2016					<0.001		0.0001 (J)
8/5/2016		<0.001					
9/26/2016	<0.001						
9/28/2016		<0.001	<0.001	<0.001	<0.001		
9/29/2016							0.0001 (J)
9/30/2016						<0.001	
11/11/2016	<0.001						
11/22/2016		<0.001	<0.001	<0.001	<0.001	<0.001	
11/28/2016							<0.001
1/30/2017	<0.001						
2/7/2017		<0.001	<0.001				
2/8/2017				<0.001	<0.001		
2/9/2017							0.0001 (J)
2/13/2017						<0.001	
4/3/2017	<0.001						
4/10/2017		<0.001	<0.001	<0.001	<0.001		
4/11/2017						<0.001	
4/12/2017							<0.001
6/12/2017	<0.001						
6/14/2017		<0.001	<0.001			<0.001	
6/15/2017				9E-05 (J)	<0.001		
6/16/2017							0.0002 (J)
10/2/2017	<0.001						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/4/2017		<0.001	<0.001	<0.001	<0.001	<0.001	
10/9/2017							0.0001 (J)
3/16/2018	<0.001						
3/20/2018		<0.001					
3/21/2018			<0.001	<0.001			<0.001
3/22/2018					<0.001	<0.001	
9/18/2018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
9/19/2018							<0.001
3/19/2019	<0.001						
3/22/2019		<0.001	<0.001				
3/23/2019				<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001						
9/17/2019		4.7E-05 (J)	0.00017 (J)	4.6E-05 (J)	8.2E-05 (J)	<0.001 (D)	
9/18/2019							0.0002 (J)
3/11/2020	<0.001						
3/12/2020		<0.001	<0.001	5.2E-05 (J)	4.6E-05 (J)	<0.001	
3/13/2020							0.00013 (J)
9/15/2020	<0.001						
9/17/2020		<0.001	<0.001				
9/21/2020				<0.001	<0.001	<0.001	
9/22/2020							0.00015 (J)
3/17/2021	<0.001						
3/18/2021		<0.001	<0.001				0.00024 (J)
3/19/2021				<0.001	0.00018 (J)	<0.001	
8/9/2021	<0.001						
8/10/2021		<0.001					
8/11/2021			<0.001	<0.001	<0.001	<0.001	<0.001
2/2/2022	<0.001					<0.001	
2/4/2022		<0.001	<0.001	<0.001	<0.001		
2/17/2022							<0.001
8/17/2022	<0.001	<0.001					
8/18/2022			<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2023	<0.001						
2/20/2023		<0.001	<0.001	<0.001	<0.001		
2/21/2023						<0.001	
2/22/2023							<0.001
7/28/2023	<0.001						
7/31/2023		<0.001	<0.001				
8/1/2023				<0.001	<0.001	<0.001	<0.001
2/22/2024	<0.001						
2/27/2024		<0.001	<0.001			<0.001	<0.001
2/28/2024				<0.001	<0.001		
8/8/2024	<0.001						
8/12/2024		<0.001	<0.001		<0.001	<0.001	<0.001
8/13/2024				<0.001			
2/28/2025	<0.001	<0.001					
3/3/2025			<0.001		<0.001		<0.001
3/4/2025				<0.001		<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.001						
8/23/2007			<0.001				
8/24/2007		<0.001		<0.001			
11/1/2007	<0.001						
11/2/2007		<0.001	<0.001	<0.001			
11/17/2007		<0.001	<0.001				
11/18/2007				<0.001			
11/19/2007	<0.001						
1/15/2008		<0.001	<0.001	<0.001			
1/31/2008	<0.001						
3/5/2008	<0.001	<0.001					
3/6/2008			<0.001				
3/10/2008				<0.001			
5/7/2008	<0.001	<0.001	<0.001				
5/13/2008				<0.001			
12/2/2008		<0.001	<0.001	<0.001			
12/12/2008	<0.001						
4/16/2009		<0.001					
4/28/2009			<0.001	<0.001			
4/29/2009	<0.001						
10/19/2009			<0.001				
10/20/2009		<0.001		<0.001			
10/21/2009	<0.001						
4/20/2010		<0.001					
4/27/2010			<0.001	<0.001			
4/28/2010	<0.001						
9/29/2010		<0.001					
10/4/2010			<0.001				
10/5/2010				<0.001			
10/6/2010	<0.001						
4/12/2011		<0.001					
4/18/2011			<0.001				
4/19/2011				<0.001			
4/20/2011	<0.001						
10/4/2011		<0.001					
10/12/2011	<0.001		<0.001	<0.001			
4/4/2012		<0.001					
4/23/2012			<0.001				
4/25/2012	<0.001			<0.001			
10/2/2012	<0.001						
10/10/2012		<0.001	<0.001	<0.001			
4/2/2013	<0.001						
4/15/2013		<0.001	<0.001				
4/16/2013				<0.001			
10/8/2013	<0.001						
10/22/2013		<0.001	<0.001	<0.001			
4/1/2014	<0.001						
4/21/2014		<0.001	<0.001	<0.001			
9/30/2014		<0.001	<0.001	<0.001			
10/1/2014	<0.001						
3/31/2015	<0.001						
4/3/2015		<0.001	<0.001	<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.001			
10/7/2015		<0.001	<0.001				
10/14/2015	<0.001						
3/16/2016					<0.001	<0.001	<0.001
4/4/2016	<0.001						
4/5/2016		<0.001	<0.001	<0.001			
5/16/2016					<0.001	<0.001 (D)	<0.001 (D)
5/31/2016			<0.001	<0.001			
6/1/2016	<0.001	<0.001					
7/25/2016					0.0003 (J)	0.0002 (JD)	0.0001 (JD)
8/4/2016			<0.001				
8/9/2016		<0.001					
9/19/2016					0.0002 (J)	0.0004 (JD)	<0.001 (D)
9/29/2016			0.0008 (J)				
11/3/2016					0.0002 (J)		<0.001 (D)
11/4/2016						0.0002 (JD)	
11/23/2016			0.0011 (J)	<0.001			
11/28/2016		<0.001					
1/19/2017					0.0003 (J)		
1/20/2017							<0.001 (D)
1/23/2017						0.0001 (JD)	
2/9/2017		0.0002 (J)					
2/10/2017			<0.001	<0.001			
2/22/2017	0.0003 (J)						
3/28/2017					<0.001 (*)		
3/29/2017						0.0001 (JD)	0.0001 (JD)
4/11/2017	<0.001	<0.001		<0.001			
4/12/2017			<0.001				
6/5/2017					0.0007 (J)		
6/7/2017						0.0001 (J)	8E-05 (J)
6/14/2017		<0.001					
6/15/2017			0.0005 (J)	<0.001			
6/16/2017	<0.001						
7/12/2017	<0.001	<0.001		<0.001			
7/26/2017				<0.001			
7/28/2017	<0.001						
8/10/2017	<0.001						
9/26/2017					0.0004 (J)		
9/27/2017						0.0003 (J)	9E-05 (J)
10/5/2017		<0.001					
10/6/2017	<0.001		0.0004 (J)	<0.001			
3/15/2018					0.00064 (J)	<0.001	<0.001
3/22/2018		<0.001					
3/23/2018	<0.001		0.00028 (J)	<0.001			
9/12/2018					0.00037 (J)		
9/13/2018						<0.001	<0.001
9/19/2018		<0.001	0.00029 (J)	<0.001			
9/20/2018	<0.001						
3/14/2019					0.00077 (J)	<0.001 (D)	<0.001 (D)
3/22/2019	<0.001	<0.001		<0.001			
3/25/2019			0.00047 (J)				
9/11/2019					0.00047 (J)	0.00016 (JD)	<0.001 (D)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/17/2019		<0.001	0.00016 (J)	<0.001			
9/18/2019	4.8E-05 (X)						
3/10/2020					0.00066 (J)	0.00014 (J)	<0.001
3/13/2020		<0.001	0.00037 (J)	4.8E-05 (J)			
3/17/2020	<0.001						
9/11/2020						0.00012 (J)	<0.001
9/15/2020					0.00045 (J)		
9/21/2020		0.00023 (J)	0.00093 (J)	7.5E-05 (J)			
9/22/2020	7.1E-05 (J)						
3/11/2021					0.00053 (J)	0.00012 (J)	4.5E-05 (J)
3/18/2021		<0.001	0.00036 (J)	4E-05 (J)			
3/19/2021	7.4E-05 (J)						
8/4/2021					<0.001		
8/6/2021						<0.001	<0.001
8/11/2021		<0.001	<0.001	<0.001			
8/12/2021	<0.001						
1/31/2022					<0.001		
2/1/2022						<0.001	<0.001
2/4/2022	<0.001	<0.001	<0.001				
2/7/2022				<0.001			
8/12/2022						<0.001	<0.001
8/15/2022					<0.001		
8/18/2022		<0.001					
8/19/2022	<0.001		<0.001	<0.001			
2/14/2023					<0.001	<0.001	<0.001
2/22/2023	<0.001	<0.001	<0.001	<0.001			
7/26/2023					0.0002 (J)	<0.001	<0.001
8/1/2023		<0.001		<0.001			
8/2/2023	<0.001		0.00024 (J)				
2/20/2024					0.00041 (J)	0.00021 (J)	<0.001
2/28/2024	<0.001	<0.001	0.00023 (J)	<0.001			
8/5/2024						<0.001	<0.001
8/6/2024					0.00022 (J)		
8/13/2024	<0.001	<0.001	0.00023 (J)	<0.001			
2/26/2025					0.00043 (J)	<0.001	<0.001
3/3/2025		<0.001	0.0004 (J)	<0.001			
3/4/2025	<0.001						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							<0.001
10/25/2007							<0.001
11/19/2007							<0.001
1/23/2008							<0.001
3/11/2008							<0.001
5/12/2008							<0.001
12/11/2008							<0.001
4/15/2009							<0.001
10/9/2009							<0.001
5/4/2010							<0.001
10/12/2010							<0.001
4/28/2011							<0.001
10/19/2011							<0.001
5/2/2012							<0.001
10/9/2012							<0.001
4/11/2013							<0.001
10/16/2013							<0.001
4/23/2014							<0.001
10/3/2014							<0.001
3/31/2015							<0.001
10/12/2015							<0.001
3/10/2016	<0.001	<0.001	<0.001	<0.001			
3/17/2016					<0.001	<0.001	
3/28/2016							<0.001
5/17/2016	<0.001			<0.001			
5/18/2016		<0.001	<0.001		<0.001	<0.001	
5/25/2016							<0.001
7/26/2016	<0.001						
7/27/2016		9E-05 (J)	9E-05 (J)	<0.001	<0.001		
7/28/2016						0.0002 (J)	
8/1/2016							<0.001
9/20/2016	<0.001	0.0003 (J)	0.0001 (J)	0.0002 (J)			
9/21/2016					<0.001	<0.001 (*)	
9/27/2016							<0.001
11/4/2016	<0.001		<0.001	<0.001	<0.001		
11/7/2016		<0.001				<0.001	
11/11/2016							<0.001
1/20/2017	<0.001		<0.001				
1/23/2017		<0.001		<0.001			
1/24/2017					<0.001	0.0002 (J)	
1/31/2017							<0.001
3/28/2017	<0.001			<0.001 (*)			
3/29/2017		<0.001	<0.001		<0.001		
3/30/2017						<0.001	
4/3/2017							<0.001
6/7/2017	<0.001						
6/8/2017		0.0001 (J)	<0.001	<0.001	<0.001		
6/9/2017						<0.001	
6/12/2017							<0.001
9/27/2017		<0.001	<0.001				
9/29/2017	<0.001			<0.001	<0.001	<0.001	
10/3/2017							<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/15/2018	<0.001	<0.001		<0.001	<0.001	<0.001	
3/16/2018			<0.001				
3/19/2018							<0.001
9/13/2018	<0.001	<0.001	<0.001	<0.001	<0.001		
9/14/2018						<0.001	
9/17/2018							<0.001
3/15/2019		<0.001		<0.001			
3/18/2019	<0.001				<0.001		
3/19/2019			<0.001			<0.001	
3/20/2019							<0.001
9/11/2019	<0.001		8.5E-05 (J)	0.002529 (JD)	<0.001	8.2E-05 (J)	
9/12/2019		<0.001					
9/16/2019							<0.001
3/9/2020		5.8E-05 (J)	8E-05 (J)	<0.001		0.00017 (J)	
3/10/2020	<0.001						
3/11/2020					<0.001		
3/16/2020							5.1E-05 (J)
9/11/2020					<0.001		
9/14/2020	<0.001	<0.001		<0.001		7.8E-05 (J)	
9/15/2020			<0.001				
9/16/2020							<0.001
3/11/2021	<0.001	4.8E-05 (J)	<0.001	<0.001			
3/15/2021					<0.001	4.6E-05 (J)	
3/17/2021							<0.001
8/4/2021				<0.001			
8/5/2021	<0.001	<0.001	<0.001			<0.001	
8/9/2021							<0.001
8/11/2021					<0.001		
1/31/2022	<0.001			<0.001			
2/1/2022		<0.001	<0.001		<0.001	<0.001	
2/2/2022							<0.001
8/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
8/16/2022							<0.001
2/14/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/20/2023							<0.001
7/26/2023	<0.001			<0.001			
7/27/2023		<0.001	<0.001		<0.001	<0.001	
7/28/2023							<0.001
2/21/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/26/2024							<0.001
8/5/2024	<0.001	<0.001	<0.001	<0.001			
8/6/2024					<0.001	<0.001	
8/8/2024							<0.001
2/26/2025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/27/2025							<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.001					
8/23/2007						<0.001
10/25/2007	<0.001					
11/1/2007						<0.001
11/19/2007						<0.001
11/20/2007	<0.001					
1/15/2008						<0.001
1/23/2008	<0.001					
3/6/2008						<0.001
3/11/2008	<0.001					
5/13/2008						<0.001
5/14/2008	<0.001					
12/11/2008	<0.001					
12/12/2008						<0.001
4/16/2009						<0.001
4/23/2009	<0.001					
10/9/2009	<0.001					
10/13/2009						<0.001
4/21/2010						<0.001
5/4/2010	<0.001					
9/29/2010						<0.001
10/11/2010	<0.001					
4/13/2011						<0.001
4/26/2011	<0.001					
10/5/2011						<0.001
10/18/2011	<0.001			<0.001		
4/4/2012						0.0012
4/30/2012				<0.001		
5/2/2012	<0.001					
10/3/2012				<0.001		
10/8/2012	<0.001					<0.001
4/8/2013				<0.001		<0.001
4/10/2013	<0.001					
10/8/2013	<0.001					
10/9/2013				<0.001		<0.001
4/9/2014						<0.001
4/10/2014				<0.001		
4/14/2014	<0.001					
9/30/2014						<0.001
10/2/2014				<0.001		
10/3/2014	<0.001					
4/1/2015	<0.001					
4/2/2015						<0.001
4/3/2015				<0.001		
5/26/2015		<0.001			<0.001	
6/18/2015		<0.001 (D)			<0.001 (D)	
7/2/2015		<0.001			<0.001	
10/8/2015				<0.001	<0.001	
10/9/2015	<0.001	<0.001				
10/10/2015						<0.001 (D)
3/22/2016					<0.001	
3/29/2016	<0.001	<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				<0.001		<0.001
5/24/2016	<0.001	<0.001		<0.001		
5/25/2016					<0.001	
5/26/2016						<0.001
5/31/2016			<0.001			
8/1/2016	<0.001	<0.001				
8/2/2016			0.0001 (J)	<0.001	0.0002 (J)	
8/5/2016						0.0001 (J)
9/26/2016	0.0003 (J)	<0.001			0.0001 (J)	
9/27/2016			0.0001 (J)	<0.001		
9/28/2016						0.0002 (J)
11/14/2016		<0.001				
11/18/2016	<0.001					
11/21/2016			0.0001 (J)		0.0001 (J)	0.0002 (J)
11/22/2016				<0.001		
2/1/2017	<0.001	<0.001	0.0001 (J)			
2/3/2017					0.0002 (J)	
2/6/2017				<0.001		0.0001 (J)
4/6/2017	7E-05 (J)	7E-05 (J)	0.0002 (J)	0.0001 (J)		0.0001 (J)
4/7/2017					0.0002 (J)	
6/13/2017	<0.001	8E-05 (J)	<0.001		0.0002 (J)	8E-05 (J)
6/14/2017				<0.001		
7/14/2017			<0.001			
10/3/2017	<0.001	<0.001	9E-05 (J)		0.0002 (J)	<0.001
10/4/2017				<0.001		
3/19/2018	<0.001					
3/20/2018		<0.001	<0.001		0.00042 (J)	<0.001
3/21/2018				<0.001		
9/17/2018	<0.001	<0.001				
9/18/2018			<0.001	<0.001	<0.001	<0.001 (D)
3/21/2019	<0.001	<0.001	<0.001			<0.001
3/27/2019				<0.001		
5/6/2019					0.00032 (J)	
9/13/2019			<0.001			
9/16/2019	0.0001 (J)	<0.001		<0.001 (D)	5.4E-05 (J)	6.1E-05 (J)
3/12/2020	0.0001 (J)	7E-05 (J)	8.2E-05 (J)	5.6E-05 (J)		0.00016 (J)
3/16/2020					0.00016 (J)	
9/16/2020	0.00012 (J)	<0.001	0.00011 (J)			
9/17/2020				8E-05 (J)	6.5E-05 (J)	7.9E-05 (J)
3/17/2021	7.4E-05 (J)	<0.001	4.9E-05 (J)	<0.001		
3/18/2021					0.00011 (J)	0.0001 (J)
8/10/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/2/2022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/17/2022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/17/2023	<0.001	<0.001				
2/20/2023			<0.001		<0.001	
2/21/2023				<0.001		<0.001
7/28/2023		<0.001				
7/31/2023	<0.001		<0.001	<0.001	<0.001	<0.001
2/26/2024	<0.001	<0.001	<0.001		<0.001	
2/27/2024				<0.001		<0.001
8/8/2024	<0.001	<0.001	<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/12/2024				<0.001	<0.001	<0.001
2/27/2025	<0.001	<0.001	<0.001			
2/28/2025					<0.001	<0.001
3/4/2025				<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.0005	<0.0005	<0.0005			<0.0005	
10/23/2007	<0.0005						
10/24/2007		<0.0005	<0.0005				
11/2/2007						<0.0005	
11/18/2007	<0.0005	<0.0005	<0.0005			<0.0005	
1/30/2008	<0.0005						
1/31/2008		<0.0005	<0.0005			<0.0005	
3/10/2008	<0.0005		<0.0005				
3/11/2008		<0.0005				<0.0005	
5/6/2008		0.000175					
5/13/2008	<0.0005		<0.0005				
5/14/2008						<0.0005	
12/4/2008		<0.0005	<0.0005				
12/5/2008	<0.0005					<0.0005	
4/15/2009	<0.0005					<0.0005	
4/21/2009		<0.0005	<0.0005				
10/7/2009	<0.0005	<0.0005					
10/8/2009			<0.0005			<0.0005	
4/21/2010			<0.0005				
4/26/2010		<0.0005					
4/28/2010						<0.0005	
5/3/2010	<0.0005						
9/28/2010			<0.0005				
10/4/2010		<0.0005					
10/6/2010						<0.0005	
10/12/2010	<0.0005						
4/12/2011			<0.0005				
4/13/2011		<0.0005					
4/21/2011						<0.0005	
4/27/2011	<0.0005						
10/4/2011			<0.0005				
10/5/2011		<0.0005					
10/13/2011						<0.0005	
10/17/2011	<0.0005						
4/3/2012			<0.0005				
4/11/2012		<0.0005					
5/1/2012						<0.0005	
5/2/2012	<0.0005						
10/8/2012	<0.0005						
10/9/2012		<0.0005	<0.0005			<0.0005	
4/11/2013			<0.0005			<0.0005	
4/12/2013	<0.0005						
4/15/2013		<0.0005					
10/15/2013		<0.0005					
10/16/2013	<0.0005		<0.0005			<0.0005	
4/10/2014			<0.0005				
4/11/2014	<0.0005						
4/22/2014		<0.0005					
4/23/2014						<0.0005	
9/30/2014	<0.0005	<0.0005	<0.0005				
10/4/2014						<0.0005	
3/30/2015	<0.0005	<0.0005	<0.0005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						<0.0005	
10/12/2015						<0.0005	
10/13/2015	<0.0005	<0.0005	<0.0005				
3/14/2016					<0.0005		
3/15/2016							<0.0005
3/22/2016	<0.0005						
3/23/2016		<0.0005	<0.0005			<0.0005	
5/11/2016					<0.0005		<0.0005
5/16/2016				<0.0005 (D)			
5/19/2016	<0.0005		<0.0005				
5/20/2016		<0.0005					
5/23/2016						<0.0005	
7/19/2016					<0.0005		
7/21/2016							<0.0005
7/27/2016				<0.0005 (D)			
7/29/2016	<0.0005	<0.0005	<0.0005			<0.0005	
9/15/2016					<0.0005		<0.0005
9/22/2016			<0.0005			<0.0005	
9/23/2016	<0.0005	<0.0005					
11/2/2016					<0.0005		
11/3/2016							<0.0005
11/9/2016	<0.0005	<0.0005					
11/10/2016			<0.0005			<0.0005	
1/17/2017							<0.0005
1/18/2017					<0.0005		
1/30/2017	<0.0005						
1/31/2017		<0.0005	<0.0005			<0.0005	
2/21/2017				<0.0005			
3/24/2017							<0.0005
3/27/2017				<0.0005 (D)			
3/28/2017					<0.0005		
3/30/2017	<0.0005	<0.0005				<0.0005	
4/3/2017			<0.0005				
5/24/2017							<0.0005
6/7/2017					<0.0005		
6/8/2017				<0.0005 (D)			
6/9/2017	<0.0005		<0.0005				
6/12/2017		<0.0005				<0.0005	
7/17/2017				<0.0005 (D)			
7/27/2017				<0.0005			
8/9/2017				<0.0005			
9/26/2017					<0.0005		<0.0005
9/29/2017				<0.0005 (D)			
10/2/2017	<0.0005	<0.0005	<0.0005				
10/4/2017						<0.0005	
3/14/2018					<0.0005		<0.0005
3/16/2018	<0.0005		<0.0005	<0.0005			
3/19/2018		<0.0005				<0.0005	
9/12/2018					<0.0005		3.8E-05 (J)
9/14/2018		<0.0005	<0.0005	4.1E-05 (J)			
9/17/2018	<0.0005 (D)					<0.0005	
3/13/2019							<0.0005

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				<0.0005			
3/15/2019					<0.0005		
3/19/2019			<0.0005				
3/20/2019	<0.0005	<0.0005				<0.0005	
9/9/2019					<0.0005		<0.0005
9/12/2019	<0.0005	<0.0005 (D)					
9/13/2019			<0.0005			<0.0005	
3/9/2020				<0.0005	<0.0005		<0.0005
3/11/2020	<0.0005	<0.0005	<0.0005			<0.0005	
9/10/2020					<0.0005		
9/11/2020							<0.0005
9/15/2020	<0.0005	<0.0005	<0.0005				
9/16/2020				<0.0005			
3/10/2021							<0.0005
3/12/2021					<0.0005		
3/16/2021	<0.0005		<0.0005	<0.0005			
3/17/2021		<0.0005					
3/29/2021						<0.0005	
8/4/2021					0.00012 (J)		9.4E-05 (J)
8/6/2021				<0.0005			
8/9/2021	<0.0005	<0.0005	<0.0005			<0.0005	
1/31/2022					<0.0005		<0.0005
2/1/2022	<0.0005	<0.0005	<0.0005				
2/2/2022				<0.0005		<0.0005	
8/10/2022					<0.0005		
8/12/2022							<0.0005
8/16/2022	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	
2/13/2023					<0.0005		<0.0005
2/14/2023				<0.0005			
2/16/2023	0.00017 (J)	0.00013 (J)	<0.0005				
2/17/2023						0.00013 (J)	
7/25/2023				<0.0005			
7/26/2023					<0.0005		<0.0005
7/27/2023	<0.0005	<0.0005	<0.0005				
8/1/2023						<0.0005	
2/19/2024				<0.0005	<0.0005		<0.0005
2/22/2024	<0.0005	<0.0005				<0.0005	
2/26/2024			<0.0005				
8/1/2024				<0.0005	<0.0005		<0.0005
8/6/2024			<0.0005				
8/7/2024	<0.0005	<0.0005					
8/8/2024						<0.0005	
2/25/2025					<0.0005		<0.0005
2/26/2025				<0.0005		<0.0005	
2/27/2025	<0.0005	<0.0005	<0.0005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.0005
4/23/2009							<0.0005
10/6/2009							<0.0005
4/27/2010							<0.0005
9/30/2010							<0.0005
4/14/2011							<0.0005
10/5/2011							<0.0005
4/11/2012							<0.0005
10/2/2012							<0.0005
4/9/2013							<0.0005
10/15/2013							<0.0005
4/10/2014							<0.0005
10/1/2014							<0.0005
3/30/2015							2.02E-05 (J)
10/11/2015							<0.0005
3/11/2016			<0.0005	<0.0005	<0.0005		
3/15/2016	<0.0005	<0.0005					
3/28/2016							<0.0005
5/12/2016	<0.0005						
5/13/2016		<0.0005		<0.0005	<0.0005		
5/16/2016			<0.0005				
5/23/2016							<0.0005
7/19/2016				<0.0005	<0.0005		
7/20/2016	<0.0005						
7/21/2016		<0.0005					
7/22/2016			<0.0005				
8/1/2016							<0.0005
9/15/2016	<0.0005						
9/16/2016				<0.0005	<0.0005		
9/19/2016			<0.0005				
9/21/2016		<0.0005					
9/26/2016							<0.0005
11/2/2016				<0.0005	<0.0005		
11/3/2016	<0.0005	<0.0005	<0.0005				
11/10/2016							<0.0005
1/17/2017		<0.0005	<0.0005				
1/18/2017	<0.0005			<0.0005	<0.0005		
1/30/2017							<0.0005
2/22/2017						<0.0005	
3/24/2017	<0.0005						
3/27/2017		<0.0005	<0.0005				
3/28/2017				<0.0005	<0.0005		
4/7/2017						<0.0005	<0.0005
6/6/2017	<0.0005	<0.0005		<0.0005	<0.0005		
6/7/2017			<0.0005				
6/12/2017							<0.0005
6/14/2017						0.000286 (JD)	
7/12/2017						<0.0005 (D)	
7/20/2017						<0.0005 (D)	
7/28/2017						<0.0005	
8/9/2017						<0.0005	
8/24/2017						<0.0005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				<0.0005	<0.0005		
9/25/2017	<0.0005	<0.0005					
9/26/2017			<0.0005				
10/2/2017							<0.0005
10/3/2017						<0.0005 (D)	
3/14/2018	<0.0005	<0.0005	<0.0005	<0.0005			
3/15/2018					<0.0005		
3/16/2018							<0.0005
3/21/2018						<0.0005	
9/12/2018	<0.0005	<0.0005		<0.0005	3.9E-05 (J)		
9/14/2018			3.8E-05 (J)				
9/17/2018							<0.0005
9/18/2018						<0.0005	
3/13/2019				<0.0005	<0.0005		
3/14/2019	<0.0005	<0.0005	<0.0005				
3/19/2019							<0.0005
3/21/2019						<0.0005 (D)	
9/10/2019	<0.0005 (D)	<0.0005	<0.0005				
9/11/2019				<0.0005	<0.0005		
9/12/2019						<0.0005 (D)	
9/13/2019							<0.0005
3/6/2020	<0.0005		<0.0005				
3/9/2020		<0.0005		<0.0005	<0.0005		
3/11/2020							<0.0005
3/12/2020						<0.0005	
9/10/2020	<0.0005	<0.0005	<0.0005				
9/11/2020				<0.0005			
9/14/2020					<0.0005		
9/16/2020							<0.0005
9/17/2020						<0.0005	
3/10/2021		<0.0005					
3/11/2021	<0.0005		<0.0005	<0.0005	<0.0005		
3/16/2021						<0.0005	
3/17/2021							<0.0005
8/4/2021	9E-05 (J)	9.4E-05 (J)	8E-05 (J)				
8/5/2021					9.6E-05 (J)		
8/6/2021				<0.0005			
8/9/2021							<0.0005
8/10/2021						<0.0005	
1/31/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
2/1/2022							<0.0005
2/3/2022						<0.0005	
8/10/2022			<0.0005		<0.0005		
8/11/2022	<0.0005	<0.0005		<0.0005			
8/16/2022							<0.0005
8/17/2022						<0.0005	
2/13/2023	0.00017 (J)	0.00013 (J)	0.00014 (J)		<0.0005		
2/14/2023				<0.0005			
2/16/2023							<0.0005
2/17/2023						<0.0005	
7/25/2023	<0.0005	<0.0005		<0.0005	<0.0005		
7/26/2023			<0.0005				

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
7/28/2023						<0.0005	<0.0005
2/19/2024	<0.0005	<0.0005					
2/20/2024			<0.0005	<0.0005	<0.0005		
2/22/2024							<0.0005
2/27/2024						<0.0005	
8/1/2024	<0.0005	<0.0005	<0.0005				
8/2/2024				<0.0005	<0.0005		
8/8/2024						<0.0005	<0.0005
2/25/2025	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
2/27/2025							<0.0005
2/28/2025						<0.0005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
11/1/2007		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
11/18/2007				<0.0005	<0.0005		
11/19/2007						<0.0005	<0.0005
11/20/2007		<0.0005	<0.0005				
1/16/2008						<0.0005	
1/30/2008		<0.0005	<0.0005	<0.0005	<0.0005		
1/31/2008							<0.0005
3/5/2008				<0.0005		<0.0005	<0.0005
3/6/2008		<0.0005	<0.0005		<0.0005		
5/7/2008				0.000181	<0.0005		
5/8/2008			<0.0005				
5/12/2008		<0.0005					<0.0005
5/13/2008						<0.0005	
12/12/2008	<0.0005						
12/13/2008		<0.0005				<0.0005	<0.0005
12/14/2008			<0.0005	<0.0005	<0.0005		
4/16/2009						<0.0005	
4/23/2009	<0.0005						
4/28/2009							<0.0005
4/29/2009		<0.0005	<0.0005	<0.0005	<0.0005		
10/6/2009	<0.0005						
10/20/2009		<0.0005					
10/21/2009			<0.0005			<0.0005	<0.0005
10/22/2009				<0.0005	<0.0005		
4/21/2010			<0.0005	<0.0005	<0.0005		
4/26/2010		<0.0005					
4/27/2010						<0.0005	
4/28/2010							<0.0005
5/3/2010	<0.0005						
9/28/2010			<0.0005	<0.0005			
9/29/2010		<0.0005			<0.0005		
10/5/2010						<0.0005	<0.0005
10/11/2010	<0.0005						
4/12/2011			<0.0005	<0.0005			
4/13/2011		<0.0005			<0.0005		
4/19/2011						<0.0005	<0.0005
4/27/2011	<0.0005						
10/4/2011			<0.0005	<0.0005	<0.0005		
10/5/2011		<0.0005					
10/12/2011						<0.0005	
10/18/2011							<0.0005
10/19/2011	<0.0005						
4/3/2012			<0.0005	<0.0005			
4/4/2012		<0.0005			<0.0005		
4/24/2012						<0.0005	
4/25/2012							<0.0005
5/1/2012	<0.0005						
10/2/2012	<0.0005					<0.0005	<0.0005
10/3/2012		<0.0005		<0.0005	<0.0005		
10/8/2012			<0.0005				
4/2/2013						<0.0005	<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		<0.0005	<0.0005	<0.0005	<0.0005		
4/10/2013	<0.0005						
10/8/2013							<0.0005
10/9/2013				<0.0005	<0.0005	<0.0005	
10/15/2013		<0.0005	<0.0005				
10/16/2013	<0.0005						
4/1/2014						0.0002 (J)	0.0002 (J)
4/2/2014				0.0002 (J)	<0.0005		
4/9/2014		<0.0005	<0.0005				
4/22/2014	<0.0005						
10/1/2014	<0.0005						<0.0005
10/2/2014		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
3/30/2015	<0.0005						
4/1/2015				<0.0005	<0.0005	<0.0005	<0.0005
4/2/2015		<0.0005	<0.0005				
10/10/2015		<0.0005					
10/11/2015	<0.0005			<0.0005	<0.0005		
10/12/2015			<0.0005				
10/14/2015						<0.0005	
10/15/2015							<0.0005
3/28/2016	<0.0005						
3/31/2016		<0.0005	<0.0005				
4/4/2016				<0.0005	<0.0005	<0.0005	<0.0005
5/25/2016	<0.0005						
5/26/2016		<0.0005	<0.0005	<0.0005	<0.0005		
5/27/2016						<0.0005	
5/31/2016							<0.0005
8/1/2016	<0.0005						
8/3/2016			<0.0005	<0.0005		<0.0005	
8/4/2016					<0.0005		<0.0005
8/5/2016		<0.0005					
9/26/2016	<0.0005						
9/28/2016		<0.0005	<0.0005	<0.0005	<0.0005		
9/29/2016							<0.0005
9/30/2016						<0.0005	
11/11/2016	<0.0005						
11/22/2016		<0.0005	<0.0005	<0.0005	<0.0005	8E-05 (J)	
11/28/2016							<0.0005
1/30/2017	<0.0005						
2/7/2017		<0.0005	<0.0005				
2/8/2017				<0.0005	<0.0005		
2/9/2017							<0.0005
2/13/2017						<0.0005	
4/3/2017	<0.0005						
4/10/2017		<0.0005	<0.0005	<0.0005	<0.0005		
4/11/2017						<0.0005	
4/12/2017							<0.0005
6/12/2017	<0.0005						
6/14/2017		<0.0005	<0.0005			<0.0005	
6/15/2017				<0.0005	<0.0005		
6/16/2017							<0.0005
10/2/2017	<0.0005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/4/2017		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
10/9/2017							<0.0005
3/16/2018	<0.0005						
3/20/2018		<0.0005					
3/21/2018			<0.0005	<0.0005			<0.0005
3/22/2018					<0.0005	<0.0005	
9/18/2018	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
9/19/2018							<0.0005
3/19/2019	<0.0005						
3/22/2019		<0.0005	<0.0005				
3/23/2019				<0.0005	<0.0005	<0.0005	<0.0005
9/12/2019	<0.0005						
9/17/2019		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005 (D)	
9/18/2019							<0.0005
3/11/2020	<0.0005						
3/12/2020		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
3/13/2020							<0.0005
9/15/2020	<0.0005						
9/17/2020		<0.0005	<0.0005				
9/21/2020				<0.0005	<0.0005	<0.0005	
9/22/2020							<0.0005
3/17/2021	<0.0005						
3/18/2021		<0.0005	<0.0005				<0.0005
3/19/2021				<0.0005	<0.0005	<0.0005	
8/9/2021	<0.0005						
8/10/2021		<0.0005					
8/11/2021			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/2/2022	<0.0005					<0.0005	
2/4/2022		<0.0005	<0.0005	<0.0005	<0.0005		
2/17/2022							<0.0005
8/17/2022	<0.0005	<0.0005					
8/18/2022			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/16/2023	<0.0005						
2/20/2023		0.00028 (J)	0.0003 (J)	0.00019 (J)	0.00016 (J)		
2/21/2023						<0.0005	
2/22/2023							<0.0005
7/28/2023	<0.0005						
7/31/2023		<0.0005	<0.0005				
8/1/2023				<0.0005	<0.0005	<0.0005	<0.0005
2/22/2024	<0.0005						
2/27/2024		<0.0005	<0.0005			<0.0005	<0.0005
2/28/2024				<0.0005	<0.0005		
8/8/2024	<0.0005						
8/12/2024		<0.0005	<0.0005		<0.0005	<0.0005	<0.0005
8/13/2024				<0.0005			
2/28/2025	<0.0005	<0.0005					
3/3/2025			<0.0005		<0.0005		<0.0005
3/4/2025				<0.0005		<0.0005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.0005						
8/23/2007			<0.0005				
8/24/2007		<0.0005		<0.0005			
11/1/2007	<0.0005						
11/2/2007		<0.0005	<0.0005	<0.0005			
11/17/2007		<0.0005	<0.0005				
11/18/2007				<0.0005			
11/19/2007	<0.0005						
1/15/2008		<0.0005	<0.0005	<0.0005			
1/31/2008	<0.0005						
3/5/2008	<0.0005	<0.0005					
3/6/2008			<0.0005				
3/10/2008				<0.0005			
5/7/2008	<0.0005	<0.0005	<0.0005				
5/13/2008				<0.0005			
12/2/2008		<0.0005	<0.0005	<0.0005			
12/12/2008	<0.0005						
4/16/2009		<0.0005					
4/28/2009			<0.0005	<0.0005			
4/29/2009	<0.0005						
10/19/2009			<0.0005				
10/20/2009		<0.0005		<0.0005			
10/21/2009	<0.0005						
4/20/2010		<0.0005					
4/27/2010			<0.0005	<0.0005			
4/28/2010	<0.0005						
9/29/2010		<0.0005					
10/4/2010			<0.0005				
10/5/2010				<0.0005			
10/6/2010	<0.0005						
4/12/2011		<0.0005					
4/18/2011			<0.0005				
4/19/2011				<0.0005			
4/20/2011	<0.0005						
10/4/2011		<0.0005					
10/12/2011	<0.0005		<0.0005	<0.0005			
4/4/2012		<0.0005					
4/23/2012			<0.0005				
4/25/2012	<0.0005			<0.0005			
10/2/2012	<0.0005						
10/10/2012		<0.0005	<0.0005	<0.0005			
4/2/2013	<0.0005						
4/15/2013		<0.0005	<0.0005				
4/16/2013				<0.0005			
10/8/2013	<0.0005						
10/22/2013		<0.0005	<0.0005	<0.0005			
4/1/2014	0.0002 (J)						
4/21/2014		<0.0005	<0.0005	<0.0005			
9/30/2014		<0.0005	<0.0005	<0.0005			
10/1/2014	<0.0005						
3/31/2015	<0.0005						
4/3/2015		<0.0005	<0.0005	<0.0005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.0005			
10/7/2015		<0.0005	<0.0005				
10/14/2015	<0.0005						
3/16/2016					<0.0005	<0.0005	<0.0005
4/4/2016	<0.0005						
4/5/2016		<0.0005	<0.0005	<0.0005			
5/16/2016					<0.0005	<0.0005 (D)	<0.0005 (D)
5/31/2016			<0.0005	<0.0005			
6/1/2016	<0.0005	<0.0005					
7/25/2016					<0.0005	<0.0005 (D)	<0.0005 (D)
8/4/2016			<0.0005				
8/9/2016		<0.0005					
9/19/2016					<0.0005	<0.0005 (D)	<0.0005 (D)
9/29/2016			<0.0005				
11/3/2016					<0.0005		<0.0005 (D)
11/4/2016						<0.0005 (D)	
11/23/2016			5E-05 (J)	6E-05 (J)			
11/28/2016		<0.0005					
1/19/2017					<0.0005		
1/20/2017							<0.0005 (D)
1/23/2017						<0.0005 (D)	
2/9/2017		<0.0005					
2/10/2017			<0.0005	<0.0005			
2/22/2017	<0.0005						
3/28/2017					<0.0005		
3/29/2017						0.000285 (*JD)	0.000285 (*JD)
4/11/2017	<0.0005	<0.0005		<0.0005			
4/12/2017			<0.0005				
6/5/2017					<0.0005		
6/7/2017						<0.0005	<0.0005
6/14/2017		<0.0005					
6/15/2017			<0.0005	<0.0005			
6/16/2017	<0.0005						
7/12/2017	<0.0005	<0.0005		<0.0005			
7/26/2017				<0.0005			
7/28/2017	<0.0005						
8/10/2017	<0.0005						
9/26/2017					<0.0005		
9/27/2017						<0.0005	<0.0005
10/5/2017		<0.0005					
10/6/2017	<0.0005		<0.0005	<0.0005			
3/15/2018					<0.0005	<0.0005	<0.0005
3/22/2018		<0.0005					
3/23/2018	<0.0005		<0.0005	<0.0005			
9/12/2018					<0.0005		
9/13/2018						<0.0005	<0.0005
9/19/2018		<0.0005	<0.0005	<0.0005			
9/20/2018	<0.0005						
3/14/2019					<0.0005	<0.0005 (D)	<0.0005 (D)
3/22/2019	<0.0005	<0.0005		<0.0005			
3/25/2019			<0.0005				
9/11/2019					<0.0005	<0.0005 (D)	<0.0005 (D)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/17/2019		<0.0005	<0.0005	<0.0005			
9/18/2019	<0.0005						
3/10/2020					<0.0005	<0.0005	<0.0005
3/13/2020		<0.0005	<0.0005	<0.0005			
3/17/2020	<0.0005						
9/11/2020						<0.0005	<0.0005
9/15/2020					<0.0005		
9/21/2020		<0.0005	<0.0005	<0.0005			
9/22/2020	<0.0005						
3/11/2021					<0.0005	<0.0005	<0.0005
3/18/2021		<0.0005	<0.0005	<0.0005			
3/19/2021	<0.0005						
8/4/2021					8.7E-05 (J)		
8/6/2021						<0.0005	<0.0005
8/11/2021		<0.0005	<0.0005	<0.0005			
8/12/2021	<0.0005						
1/31/2022					<0.0005		
2/1/2022						<0.0005	<0.0005
2/4/2022	<0.0005	<0.0005	<0.0005				
2/7/2022				<0.0005			
8/12/2022						<0.0005	<0.0005
8/15/2022					<0.0005		
8/18/2022		<0.0005					
8/19/2022	<0.0005		<0.0005	<0.0005			
2/14/2023					<0.0005	<0.0005	<0.0005
2/22/2023	<0.0005	<0.0005	<0.0005	<0.0005			
7/26/2023					<0.0005	<0.0005	<0.0005
8/1/2023		<0.0005		<0.0005			
8/2/2023	<0.0005		<0.0005				
2/20/2024					<0.0005	<0.0005	<0.0005
2/28/2024	<0.0005	<0.0005	<0.0005	<0.0005			
8/5/2024						<0.0005	<0.0005
8/6/2024					<0.0005		
8/13/2024	<0.0005	<0.0005	<0.0005	<0.0005			
2/26/2025					<0.0005	<0.0005	<0.0005
3/3/2025		<0.0005	<0.0005	<0.0005			
3/4/2025	<0.0005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							<0.0005
10/25/2007							<0.0005
11/19/2007							<0.0005
1/23/2008							<0.0005
3/11/2008							<0.0005
5/12/2008							<0.0005
12/11/2008							<0.0005
4/15/2009							<0.0005
10/9/2009							<0.0005
5/4/2010							<0.0005
10/12/2010							<0.0005
4/28/2011							<0.0005
10/19/2011							<0.0005
5/2/2012							<0.0005
10/9/2012							<0.0005
4/11/2013							<0.0005
10/16/2013							<0.0005
4/23/2014							<0.0005
10/3/2014							3.71E-05 (J)
3/31/2015							<0.0005
10/12/2015							<0.0005
3/10/2016	<0.0005	<0.0005	<0.0005	<0.0005			
3/17/2016					<0.0005	<0.0005	
3/28/2016							<0.0005
5/17/2016	<0.0005			<0.0005			
5/18/2016		<0.0005	<0.0005		<0.0005	<0.0005	
5/25/2016							<0.0005
7/26/2016	<0.0005						
7/27/2016		<0.0005	<0.0005	<0.0005	<0.0005		
7/28/2016						<0.0005	
8/1/2016							<0.0005
9/20/2016	<0.0005	<0.0005	<0.0005	<0.0005			
9/21/2016					<0.0005	<0.0005	
9/27/2016							<0.0005
11/4/2016	<0.0005		<0.0005	<0.0005	<0.0005		
11/7/2016		<0.0005				<0.0005	
11/11/2016							<0.0005
1/20/2017	<0.0005		<0.0005				
1/23/2017		<0.0005		<0.0005			
1/24/2017					5E-05 (J)	5E-05 (J)	
1/31/2017							<0.0005
3/28/2017	<0.0005			<0.0005			
3/29/2017		<0.0005 (*)	<0.0005 (*)		<0.0005 (*)		
3/30/2017						<0.0005 (*)	
4/3/2017							<0.0005
6/7/2017	<0.0005						
6/8/2017		<0.0005	<0.0005	<0.0005	<0.0005		
6/9/2017						<0.0005	
6/12/2017							<0.0005
9/27/2017		<0.0005	<0.0005				
9/29/2017	<0.0005			<0.0005	4E-05 (J)	<0.0005	
10/3/2017							<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/15/2018	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	
3/16/2018			<0.0005				
3/19/2018							<0.0005
9/13/2018	<0.0005	<0.0005	<0.0005	6.2E-05 (J)	<0.0005		
9/14/2018						<0.0005	
9/17/2018							<0.0005
3/15/2019		<0.0005		<0.0005			
3/18/2019	<0.0005				<0.0005		
3/19/2019			5E-05 (J)			4.5E-05 (J)	
3/20/2019							<0.0005
9/11/2019	<0.0005		<0.0005	<0.0005 (D)	<0.0005	<0.0005	
9/12/2019		<0.0005					
9/16/2019							<0.0005
3/9/2020		<0.0005	<0.0005	<0.0005		<0.0005	
3/10/2020	<0.0005						
3/11/2020					<0.0005		
3/16/2020							<0.0005
9/11/2020					<0.0005		
9/14/2020	<0.0005	<0.0005		0.00015 (J)		<0.0005	
9/15/2020			<0.0005				
9/16/2020							<0.0005
3/11/2021	<0.0005	<0.0005	<0.0005	0.0002 (J)			
3/15/2021					<0.0005	<0.0005	
3/17/2021							<0.0005
8/4/2021				0.0005			
8/5/2021	0.00015 (J)	0.00021	0.00023			0.0002	
8/9/2021							<0.0005
8/11/2021					<0.0005		
10/28/2021		<0.0005	<0.0005				
1/31/2022	<0.0005			0.00039			
2/1/2022		<0.0005	<0.0005		<0.0005	<0.0005	
2/2/2022							<0.0005
4/28/2022				0.0004			
8/15/2022	<0.0005	<0.0005	<0.0005	0.00038	<0.0005	<0.0005	
8/16/2022							<0.0005
2/14/2023	<0.0005	<0.0005	0.00013 (J)	0.00064	<0.0005	<0.0005	
2/20/2023							<0.0005
3/16/2023				0.00045			
7/26/2023	<0.0005			0.00064			
7/27/2023		<0.0005	<0.0005		<0.0005	<0.0005	
7/28/2023							<0.0005
2/21/2024	<0.0005	<0.0005	<0.0005	0.00071	<0.0005	<0.0005	
2/26/2024							<0.0005
8/5/2024	<0.0005	<0.0005	<0.0005	0.00046			
8/6/2024					<0.0005	<0.0005	
8/8/2024							<0.0005
2/26/2025	<0.0005	<0.0005	<0.0005	0.00062	<0.0005	<0.0005	
2/27/2025							<0.0005
5/1/2025				0.00049 (R)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.0005					
8/23/2007						<0.0005
10/25/2007	<0.0005					
11/1/2007						<0.0005
11/19/2007						<0.0005
11/20/2007	<0.0005					
1/15/2008						<0.0005
1/23/2008	<0.0005					
3/6/2008						<0.0005
3/11/2008	<0.0005					
5/13/2008						<0.0005
5/14/2008	<0.0005					
12/11/2008	<0.0005					
12/12/2008						<0.0005
4/16/2009						<0.0005
4/23/2009	<0.0005					
10/9/2009	<0.0005					
10/13/2009						<0.0005
4/21/2010						<0.0005
5/4/2010	<0.0005					
9/29/2010						<0.0005
10/11/2010	<0.0005					
4/13/2011						<0.0005
4/26/2011	<0.0005					
10/5/2011						<0.0005
10/18/2011	<0.0005			<0.0005		
4/4/2012						<0.0005
4/30/2012				<0.0005		
5/2/2012	<0.0005					
10/3/2012				<0.0005		
10/8/2012	<0.0005					<0.0005
4/8/2013				<0.0005		<0.0005
4/10/2013	<0.0005					
10/8/2013	<0.0005					
10/9/2013				<0.0005		<0.0005
4/9/2014						<0.0005
4/10/2014				<0.0005		
4/14/2014	<0.0005					
9/30/2014						<0.0005
10/2/2014				3.83E-05 (J)		
10/3/2014	3.29E-05 (J)					
4/1/2015	<0.0005					
4/2/2015						<0.0005
4/3/2015				<0.0005		
5/26/2015		<0.0005			<0.0005	
6/18/2015		<0.0005 (D)			<0.0005 (D)	
7/2/2015		<0.0005			<0.0005	
8/13/2015		<0.0005 (D)				
8/14/2015					<0.0005 (D)	
10/8/2015				<0.0005	<0.0005	
10/9/2015	<0.0005	<0.0005				
10/10/2015						<0.0005 (D)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/22/2016					<0.0005	
3/29/2016	<0.0005	<0.0005				
3/30/2016				<0.0005		<0.0005
5/24/2016	<0.0005	<0.0005		<0.0005		
5/25/2016					<0.0005	
5/26/2016						<0.0005
5/31/2016			<0.0005			
8/1/2016	<0.0005	<0.0005				
8/2/2016			<0.0005	<0.0005	<0.0005	
8/5/2016						<0.0005
9/26/2016	<0.0005	<0.0005			<0.0005	
9/27/2016			<0.0005	<0.0005		
9/28/2016						<0.0005
11/14/2016		<0.0005				
11/18/2016	<0.0005					
11/21/2016			<0.0005		<0.0005	<0.0005
11/22/2016				8E-05 (J)		
2/1/2017	<0.0005	<0.0005	<0.0005			
2/3/2017					<0.0005	
2/6/2017				<0.0005		<0.0005
4/6/2017	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005
4/7/2017					<0.0005	
6/13/2017	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005
6/14/2017				<0.0005		
7/14/2017			<0.0005			
10/3/2017	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005
10/4/2017				<0.0005		
3/19/2018	<0.0005					
3/20/2018		<0.0005	<0.0005		<0.0005	<0.0005
3/21/2018				<0.0005		
9/17/2018	<0.0005	<0.0005				
9/18/2018			<0.0005	<0.0005	<0.0005	<0.0005 (D)
3/21/2019	<0.0005	<0.0005	<0.0005			<0.0005
3/27/2019				<0.0005		
5/6/2019					<0.0005	
9/13/2019			<0.0005			
9/16/2019	<0.0005	<0.0005		<0.0005 (D)	<0.0005	<0.0005
3/12/2020	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005
3/16/2020					<0.0005	
9/16/2020	<0.0005	<0.0005	<0.0005			
9/17/2020				<0.0005	<0.0005	<0.0005
3/17/2021	<0.0005	<0.0005	<0.0005	<0.0005		
3/18/2021					<0.0005	<0.0005
8/10/2021	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/2/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/17/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/17/2023	<0.0005	<0.0005				
2/20/2023			<0.0005		<0.0005	
2/21/2023				<0.0005		<0.0005
7/28/2023		<0.0005				
7/31/2023	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005
2/26/2024	<0.0005	<0.0005	<0.0005		<0.0005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
2/27/2024				<0.0005		<0.0005
8/8/2024	<0.0005	<0.0005	<0.0005			
8/12/2024				<0.0005	<0.0005	<0.0005
2/27/2025	<0.0005	<0.0005	<0.0005			
2/28/2025					<0.0005	<0.0005
3/4/2025				<0.0005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.005	<0.005	<0.005			0.028	
10/23/2007	0.0096						
10/24/2007		0.026 (O)	0.0025				
11/2/2007						0.041	
11/18/2007	0.023	0.043 (O)	0.0093			0.14 (O)	
1/30/2008	0.11 (O)						
1/31/2008		0.0075	0.054 (O)			0.053	
3/10/2008	0.024		0.0054				
3/11/2008		0.019				0.076 (o)	
5/6/2008		0.004					
5/13/2008	0.006		0.0043				
5/14/2008						0.074 (o)	
12/4/2008		0.02	<0.005				
12/5/2008	<0.005					0.032	
4/15/2009	<0.005					0.028	
4/21/2009		<0.005	<0.005				
10/7/2009	0.0096	<0.005					
10/8/2009			<0.005			0.032	
4/21/2010			<0.005				
4/26/2010		<0.005					
4/28/2010						0.029	
5/3/2010	<0.005						
9/28/2010			<0.005				
10/4/2010		0.0025					
10/6/2010						0.031	
10/12/2010	<0.005						
4/12/2011			<0.005				
4/13/2011		<0.005					
4/21/2011						0.019	
4/27/2011	<0.005						
10/4/2011			<0.005				
10/5/2011		<0.005					
10/13/2011						0.028	
10/17/2011	<0.005						
4/3/2012			<0.005				
4/11/2012		<0.005					
5/1/2012						0.0253	
5/2/2012	<0.005						
10/8/2012	<0.005						
10/9/2012		<0.005	<0.005			0.023	
4/11/2013			<0.005			0.021	
4/12/2013	<0.005						
4/15/2013		<0.005					
10/15/2013		0.0028					
10/16/2013	<0.005		<0.005			0.018	
4/10/2014			<0.005				
4/11/2014	<0.005						
4/22/2014		<0.005					
4/23/2014						0.015	
9/30/2014	<0.005	<0.005	<0.005				
10/4/2014						0.017	
3/30/2015	0.004	0.0018 (J)	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						0.045	
10/12/2015						0.019	
10/13/2015	<0.005	<0.005	<0.005				
3/14/2016					0.00544 (J)		
3/15/2016							<0.005
3/22/2016	<0.005						
3/23/2016		<0.005	<0.005			0.019	
5/11/2016					0.0149		<0.005
5/16/2016				0.0136 (D)			
7/19/2016					0.0044 (J)		
7/21/2016							<0.005
7/27/2016				0.0224 (D)			
7/29/2016	<0.005	<0.005	<0.005			0.0161	
9/15/2016					0.0047 (J)		<0.005
11/2/2016					0.0025 (J)		
11/3/2016							<0.005
1/17/2017							<0.005
1/18/2017					0.004 (J)		
2/21/2017				0.0007 (J)			
3/24/2017							<0.005 (*)
3/27/2017				<0.005 (D)			
3/28/2017					0.0034 (J)		
3/30/2017	0.0004 (J)	0.0006 (J)				0.018	
4/3/2017			<0.005				
9/26/2017					0.0016 (J)		<0.005
9/29/2017				<0.005 (D)			
10/2/2017	<0.005	<0.005	<0.005				
10/4/2017						0.0158	
3/14/2018					<0.005		<0.005
3/16/2018	<0.005		<0.005	<0.005			
3/19/2018		<0.005				0.015	
9/12/2018					<0.005		<0.005
9/14/2018		<0.005	<0.005	<0.005			
9/17/2018	<0.005 (D)					0.014	
3/13/2019							<0.005
3/14/2019				0.0017 (J)			
3/15/2019					<0.005		
3/19/2019			<0.005				
3/20/2019	<0.005	<0.005				0.01	
9/9/2019					0.0014 (J)		<0.005
9/12/2019	0.00038 (J)	0.00518 (JD)					
9/13/2019			<0.005			0.012	
3/9/2020				0.00083 (J)	0.04 (o)		<0.005
3/11/2020	0.00068 (J)	0.0014 (J)	0.002 (J)			0.012	
9/10/2020					<0.005		
9/11/2020							<0.005
9/15/2020	<0.005	<0.005	0.0013 (J)				
9/16/2020				<0.005			
3/10/2021							<0.005
3/12/2021					0.0015 (J)		
3/16/2021	<0.005		<0.005	<0.005			
3/17/2021		<0.005					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/29/2021						<0.005	
8/4/2021					<0.005		<0.005
8/6/2021				<0.005			
8/9/2021	<0.005	<0.005	0.00081 (J)			<0.005	
1/31/2022					<0.005		<0.005
2/1/2022	<0.005	<0.005	<0.005				
2/2/2022				<0.005		<0.005	
8/10/2022					<0.005		
8/12/2022							<0.005
8/16/2022	<0.005	<0.005	<0.005	<0.005		<0.005	
2/13/2023					0.00095 (J)		<0.005
2/14/2023				<0.005			
2/16/2023	<0.005	<0.005	<0.005				
2/17/2023						<0.005	
7/25/2023				<0.005			
7/26/2023					0.0013 (J)		<0.005
7/27/2023	<0.005	<0.005	<0.005				
8/1/2023						<0.005	
2/19/2024				<0.005	<0.005		<0.005
2/22/2024	<0.005	<0.005				<0.005	
2/26/2024			<0.005				
8/1/2024				<0.005	<0.005		<0.005
8/6/2024			<0.005				
8/7/2024	<0.005	<0.005					
8/8/2024						<0.005	
2/25/2025					<0.005		<0.005
2/26/2025				<0.005		<0.005	
2/27/2025	<0.005	<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							0.0035
4/23/2009							0.0032
10/6/2009							<0.005
4/27/2010							<0.005
9/30/2010							<0.005
4/14/2011							0.0028
10/5/2011							0.0028
4/11/2012							<0.005
10/2/2012							0.0026
4/9/2013							<0.005
10/15/2013							<0.005
4/10/2014							0.0025 (J)
10/1/2014							<0.005
3/30/2015							0.0015 (J)
10/11/2015							0.0013 (J)
3/11/2016			<0.005	0.00288 (J)	<0.005		
3/15/2016	<0.005	<0.005					
3/28/2016							<0.005
5/12/2016	<0.005						
5/13/2016		<0.005		<0.005	<0.005		
5/16/2016			0.00233 (J)				
7/19/2016				0.0006 (J)	<0.005		
7/20/2016	0.0006 (J)						
7/21/2016		0.0009 (J)					
7/22/2016			0.0014 (J)				
8/1/2016							<0.005
9/15/2016	0.0009 (J)						
9/16/2016				0.0008 (J)	<0.005		
9/19/2016			0.0014 (J)				
9/21/2016		<0.005					
11/2/2016				0.0007 (J)	<0.005		
11/3/2016	0.0011 (J)	<0.005	0.0013 (J)				
1/17/2017		<0.005	0.0011 (J)				
1/18/2017	0.0007 (J)			0.0006 (J)	0.0006 (J)		
3/24/2017	<0.005 (*)						
3/27/2017		<0.005 (*)	<0.005 (*)				
3/28/2017				<0.005 (*)	<0.005 (*)		
4/7/2017						<0.005	0.0011 (J)
9/22/2017				0.0007 (J)	<0.005		
9/25/2017	<0.005	0.0012 (J)					
9/26/2017			0.0011 (J)				
10/2/2017							0.0013 (J)
10/3/2017						<0.005 (D)	
3/14/2018	<0.005	0.0014 (J)	0.0012 (J)	<0.005			
3/15/2018					<0.005		
3/16/2018							<0.005
3/21/2018						<0.005	
9/12/2018	<0.005	0.0011 (J)		<0.005	<0.005		
9/14/2018			0.0012 (J)				
9/17/2018							0.00096 (J)
9/18/2018						<0.005	
3/13/2019				<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/14/2019	<0.005	0.001 (J)	0.0015 (J)				
3/19/2019							<0.005
3/21/2019						<0.005 (D)	
9/10/2019	0.0004 (JD)	0.00084 (J)	0.0012 (J)				
9/11/2019				0.00082 (J)	<0.005		
9/12/2019						0.00032 (JD)	
9/13/2019							0.00063 (J)
3/6/2020	0.0089 (J)		0.0015 (J)				
3/9/2020		0.00036 (J)		0.00082 (J)	<0.005		
3/11/2020							0.00084 (J)
3/12/2020						0.00034 (J)	
9/10/2020	<0.005	<0.005	0.0011 (J)				
9/11/2020				0.00089 (J)			
9/14/2020					<0.005		
9/16/2020							<0.005
9/17/2020						<0.005	
3/10/2021		<0.005					
3/11/2021	<0.005		0.0011 (J)	<0.005	<0.005		
3/16/2021						<0.005	
3/17/2021							<0.005
8/4/2021	<0.005	<0.005	0.0011 (J)				
8/5/2021					<0.005		
8/6/2021				0.00084 (J)			
8/9/2021							0.00077 (J)
8/10/2021						<0.005	
1/31/2022	<0.005	0.00091 (J)	0.0011 (J)	0.00077 (J)	<0.005		
2/1/2022							0.0008 (J)
2/3/2022						<0.005	
8/10/2022			0.0016 (J)		<0.005		
8/11/2022	0.00083 (J)	<0.005		<0.005			
8/16/2022							0.00071 (J)
8/17/2022						<0.005	
2/13/2023	<0.005	<0.005	0.0013 (J)		<0.005		
2/14/2023				<0.005			
2/16/2023							0.00082 (J)
2/17/2023						<0.005	
7/25/2023	0.00073 (J)	<0.005		<0.005	<0.005		
7/26/2023			0.0015 (J)				
7/28/2023						<0.005	0.00094 (J)
2/19/2024	<0.005	<0.005					
2/20/2024			<0.005	<0.005	<0.005		
2/22/2024							<0.005
2/27/2024						<0.005	
8/1/2024	<0.005	<0.005	<0.005				
8/2/2024				<0.005	<0.005		
8/8/2024						<0.005	<0.005
2/25/2025	<0.005	0.0016 (J)	0.0015 (J)	<0.005	<0.005		
2/27/2025							<0.005
2/28/2025						<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.005	<0.005	<0.005	<0.005	<0.005	0.0076
11/1/2007		0.0042	0.006	<0.005	<0.005	<0.005	0.0043
11/18/2007				<0.005	<0.005		
11/19/2007						0.0047	0.0061
11/20/2007		0.026	<0.005				
1/16/2008						0.029	
1/30/2008		0.032	0.029 (O)	<0.005	<0.005		
1/31/2008							0.015
3/5/2008				<0.005		0.023	<0.005
3/6/2008		0.019	<0.005		0.0046		
5/7/2008				0.0087	<0.005		
5/8/2008			0.0057				
5/12/2008		0.0072					0.0035
5/13/2008						0.0032	
12/12/2008	0.0096						
12/13/2008		0.024				<0.005	0.0079
12/14/2008			<0.005	<0.005	<0.005		
4/16/2009						<0.005	
4/23/2009	0.015						
4/28/2009							<0.005
4/29/2009		0.0026	<0.005	<0.005	<0.005		
10/6/2009	0.008						
10/20/2009		<0.005					
10/21/2009			<0.005			<0.005	<0.005
10/22/2009				<0.005	<0.005		
4/21/2010			<0.005	<0.005	<0.005		
4/26/2010		<0.005					
4/27/2010						<0.005	
4/28/2010							<0.005
5/3/2010	0.0053						
9/28/2010			<0.005	<0.005			
9/29/2010		0.0042			<0.005		
10/5/2010						<0.005	<0.005
10/11/2010	0.0061						
4/12/2011			<0.005	<0.005			
4/13/2011		<0.005			<0.005		
4/19/2011						0.0025	<0.005
4/27/2011	0.0087						
10/4/2011			<0.005	<0.005	<0.005		
10/5/2011		<0.005					
10/12/2011						<0.005	
10/18/2011							0.0031
10/19/2011	0.0039						
4/3/2012			<0.005	<0.005			
4/4/2012		<0.005			<0.005		
4/24/2012						<0.005	
4/25/2012							<0.005
5/1/2012	0.0054						
10/2/2012	0.0044					<0.005	<0.005
10/3/2012		0.004		0.0042	<0.005		
10/8/2012			<0.005				
4/2/2013						0.003	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		0.0028	<0.005	<0.005	<0.005		
4/10/2013	0.0053						
10/8/2013							<0.005
10/9/2013				<0.005	<0.005	<0.005	
10/15/2013		0.0036	<0.005				
10/16/2013	0.0047						
4/1/2014						0.0025 (J)	<0.005
4/2/2014				0.0025 (J)	<0.005		
4/9/2014		0.0025 (J)	<0.005				
4/22/2014	0.0045						
10/1/2014	0.0018 (J)						<0.005
10/2/2014		<0.005	<0.005	0.0016 (J)	<0.005	<0.005	
3/30/2015	0.0037						
4/1/2015				<0.005	0.0041	0.0014 (J)	<0.005
4/2/2015		<0.005	<0.005				
10/10/2015		<0.005					
10/11/2015	0.0018 (J)			<0.005	<0.005		
10/12/2015			<0.005				
10/14/2015						0.0021 (J)	
10/15/2015							<0.005
3/28/2016	0.0028 (J)						
3/31/2016		<0.005	<0.005				
4/4/2016				<0.005	<0.005	0.00264 (J)	<0.005
8/1/2016	<0.005						
8/3/2016			<0.005	<0.005		<0.005	
8/4/2016					<0.005		<0.005
8/5/2016		<0.005					
4/3/2017	0.0022 (J)						
4/10/2017		<0.005	<0.005	<0.005	<0.005		
4/11/2017						0.0027 (J)	
4/12/2017							<0.005
10/2/2017	0.0021 (J)						
10/4/2017		<0.005	0.0006 (J)	<0.005	<0.005	0.0022 (J)	
10/9/2017							<0.005
3/16/2018	0.0014 (J)						
3/20/2018		0.0016 (J)					
3/21/2018			<0.005	<0.005			<0.005
3/22/2018					<0.005	0.0025 (J)	
9/18/2018	0.0012 (J)	<0.005	<0.005	<0.005	<0.005	0.0024 (J)	
9/19/2018							<0.005
3/19/2019	0.0016 (J)						
3/22/2019		0.0022 (J)	<0.005				
3/23/2019				<0.005	<0.005	0.0026 (J)	<0.005
9/12/2019	0.0015 (J)						
9/17/2019		<0.005	<0.005	<0.005	<0.005	0.0033 (JD)	
9/18/2019							0.00046 (J)
3/11/2020	0.001 (J)						
3/12/2020		0.0015 (J)	0.00043 (J)	<0.005	<0.005	0.0022 (J)	
3/13/2020							<0.005
9/15/2020	0.0012 (J)						
9/17/2020		<0.005	<0.005				
9/21/2020				<0.005	<0.005	0.0019 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							<0.005
3/17/2021	0.0012 (J)						
3/18/2021		0.00094 (J)	0.0011 (J)				<0.005
3/19/2021				<0.005	<0.005	0.0022 (J)	
8/9/2021	0.00097 (J)						
8/10/2021		0.00081 (J)					
8/11/2021			<0.005	<0.005	<0.005	0.0019 (J)	<0.005
2/2/2022	0.00089 (J)					0.0025 (J)	
2/4/2022		0.0014 (J)	<0.005	<0.005	<0.005		
2/17/2022							<0.005
8/17/2022	0.0011 (J)	<0.005					
8/18/2022			<0.005	<0.005	<0.005	0.0023 (J)	<0.005
2/16/2023	0.00081 (J)						
2/20/2023		0.0019 (J)	<0.005	<0.005	<0.005		
2/21/2023						0.0022 (J)	
2/22/2023							<0.005
7/28/2023	0.00092 (J)						
7/31/2023		<0.005	<0.005				
8/1/2023				<0.005	<0.005	0.0034 (J)	<0.005
2/22/2024	<0.005						
2/27/2024		<0.005	<0.005			0.0023 (J)	<0.005
2/28/2024				<0.005	<0.005		
8/8/2024	<0.005						
8/12/2024		<0.005	<0.005		<0.005	<0.005	<0.005
8/13/2024				<0.005			
2/28/2025	<0.005	<0.005					
3/3/2025			<0.005		<0.005		<0.005
3/4/2025				<0.005		0.0026 (J)	

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.005						
8/23/2007			0.0089				
8/24/2007		<0.005		<0.005			
11/1/2007	0.0033						
11/2/2007		0.0029	0.0036	<0.005			
11/17/2007		0.0086	0.014 (O)				
11/18/2007				0.0088 (J)			
11/19/2007	0.0029						
1/15/2008		0.011	0.0096	0.019			
1/31/2008	0.0039						
3/5/2008	<0.005	0.0072					
3/6/2008			0.0038				
3/10/2008				0.017			
5/7/2008	<0.005	0.0045	0.0056				
5/13/2008				0.0058			
12/2/2008		0.011	0.003	0.0043			
12/12/2008	0.022 (O)						
4/16/2009		0.0061					
4/28/2009			<0.005	<0.005			
4/29/2009	0.0034						
10/19/2009			<0.005				
10/20/2009		0.01		<0.005			
10/21/2009	<0.005						
4/20/2010		<0.005					
4/27/2010			0.004	<0.005			
4/28/2010	0.0026						
9/29/2010		<0.005					
10/4/2010			<0.005				
10/5/2010				<0.005			
10/6/2010	<0.005						
4/12/2011		<0.005					
4/18/2011			<0.005				
4/19/2011				<0.005			
4/20/2011	<0.005						
10/4/2011		<0.005					
10/12/2011	<0.005		<0.005	<0.005			
4/4/2012		<0.005					
4/23/2012			<0.005				
4/25/2012	<0.005			<0.005			
10/2/2012	<0.005						
10/10/2012		<0.005	<0.005	<0.005			
4/2/2013	<0.005						
4/15/2013		<0.005	<0.005				
4/16/2013				<0.005			
10/8/2013	<0.005						
10/22/2013		<0.005	<0.005	<0.005			
4/1/2014	<0.005						
4/21/2014		<0.005	<0.005	<0.005			
9/30/2014		<0.005	<0.005	<0.005			
10/1/2014	<0.005						
3/31/2015	<0.005						
4/3/2015		<0.005	<0.005	<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.005			
10/7/2015		<0.005	<0.005				
10/14/2015	<0.005						
3/16/2016					<0.005	<0.005	<0.005
4/4/2016	<0.005						
4/5/2016		<0.005	<0.005	<0.005			
5/16/2016					<0.005	0.00316 (JD)	<0.005 (D)
7/25/2016					0.0006 (J)	0.0013 (JD)	<0.005 (D)
8/4/2016			<0.005				
8/9/2016		0.0021 (J)					
9/19/2016					0.0008 (J)	0.0013 (JD)	<0.005 (D)
11/3/2016					0.0007 (J)		<0.005 (D)
11/4/2016						0.0015 (JD)	
1/19/2017					0.0009 (J)		
1/20/2017							<0.005 (D)
1/23/2017						0.0015 (JD)	
3/28/2017					<0.005 (*)		
3/29/2017						0.0012 (JD)	<0.005 (D)
4/11/2017	<0.005	<0.005		<0.005			
4/12/2017			<0.005				
9/26/2017					0.0007 (J)		
9/27/2017						0.0014 (J)	<0.005
10/5/2017		<0.005					
10/6/2017	<0.005		0.001 (J)	<0.005			
3/15/2018					<0.005	0.0011 (J)	<0.005
3/22/2018		<0.005					
3/23/2018	<0.005		<0.005	<0.005			
9/12/2018					<0.005		
9/13/2018						0.001 (J)	<0.005
9/19/2018		0.00096 (J)	<0.005	<0.005			
9/20/2018	<0.005						
3/14/2019					<0.005	0.001 (JD)	<0.005 (D)
3/22/2019	<0.005	<0.005		<0.005			
3/25/2019			0.0011 (J)				
9/11/2019					0.00058 (J)	0.0012 (JD)	<0.005 (D)
9/17/2019		0.0007 (X)	0.00057 (J)	<0.005			
9/18/2019	<0.005						
3/10/2020					0.00086 (J)	0.0012 (J)	<0.005
3/13/2020		0.00078 (J)	0.00072 (J)	<0.005			
3/17/2020	0.00082 (J)						
9/11/2020						0.00099 (J)	<0.005
9/15/2020					<0.005		
9/21/2020		<0.005	0.0015 (J)	<0.005			
9/22/2020	<0.005						
3/11/2021					<0.005	0.00092 (J)	<0.005
3/18/2021		<0.005	0.00079 (J)	<0.005			
3/19/2021	<0.005						
8/4/2021					<0.005		
8/6/2021						0.00098 (J)	0.00095 (J)
8/11/2021		<0.005	<0.005	<0.005			
8/12/2021	<0.005						
1/31/2022					<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
2/1/2022						0.0011 (J)	<0.005
2/4/2022	<0.005	<0.005	0.00093 (J)				
2/7/2022				<0.005			
8/12/2022						0.00086 (J)	<0.005
8/15/2022					<0.005		
8/18/2022		<0.005					
8/19/2022	<0.005		<0.005	<0.005			
2/14/2023					0.00073 (J)	0.00092 (J)	0.004 (J)
2/22/2023	<0.005	<0.005	<0.005	<0.005			
7/26/2023					<0.005	0.0012 (J)	<0.005
8/1/2023		<0.005		<0.005			
8/2/2023	<0.005		<0.005				
2/20/2024					<0.005	<0.005	<0.005
2/28/2024	<0.005	<0.005	<0.005	<0.005			
8/5/2024						<0.005	<0.005
8/6/2024					<0.005		
8/13/2024	<0.005	<0.005	<0.005	<0.005			
2/26/2025					<0.005	0.0013 (J)	<0.005
3/3/2025		<0.005	<0.005	<0.005			
3/4/2025	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							0.0069
10/25/2007							0.038
11/19/2007							0.025
1/23/2008							0.047
3/11/2008							0.042
5/12/2008							0.031
12/11/2008							0.027
4/15/2009							0.025
10/9/2009							0.051
5/4/2010							0.025
10/12/2010							0.024
4/28/2011							0.01
10/19/2011							0.03
5/2/2012							0.0429
10/9/2012							0.033
4/11/2013							0.02
10/16/2013							0.028
4/23/2014							0.024
10/3/2014							0.032
3/31/2015							0.012
10/12/2015							0.012
3/10/2016	<0.005	<0.005	<0.005	0.00432 (J)			
3/17/2016					<0.005	0.00421 (J)	
3/28/2016							0.0172
5/17/2016	<0.005			0.00489 (J)			
5/18/2016		<0.005	<0.005		<0.005	<0.005	
7/26/2016	<0.005						
7/27/2016		<0.005	0.0007 (J)	0.0036 (J)	<0.005		
7/28/2016						0.0024 (J)	
8/1/2016							0.0113
9/20/2016	0.0013 (J)	<0.005	0.0007 (J)	0.0035 (J)			
9/21/2016					<0.005	0.0044 (J)	
11/4/2016	<0.005		0.0006 (J)	0.0035 (J)	<0.005		
11/7/2016		<0.005				0.0035 (J)	
1/20/2017	<0.005		<0.005				
1/23/2017		<0.005		<0.01			
1/24/2017					<0.005	0.005 (J)	
3/28/2017	<0.005			0.0033 (J)			
3/29/2017		0.0004 (J)	0.0003 (J)		<0.005		
3/30/2017						0.0046 (J)	
4/3/2017							0.0114
9/27/2017		<0.005	<0.005				
9/29/2017	<0.005			0.0036 (J)	<0.005	0.004 (J)	
10/3/2017							0.0098 (J)
3/15/2018	<0.005	<0.005		0.0033 (J)	<0.005	0.0028 (J)	
3/16/2018			<0.005				
3/19/2018							0.0092 (J)
9/13/2018	<0.005	<0.005	<0.005	0.0038 (J)	<0.005		
9/14/2018						0.0024 (J)	
9/17/2018							0.0085 (J)
3/15/2019		<0.005		0.0033 (J)			
3/18/2019	<0.005				<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/19/2019			0.0042 (J)			0.0047 (J)	
3/20/2019							0.008 (J)
9/11/2019	<0.005		0.0014 (J)	0.00405 (JD)	<0.005	0.0012 (J)	
9/12/2019		<0.005					
9/16/2019							0.008 (J)
3/9/2020		<0.005	<0.005	0.0039 (J)		0.003 (J)	
3/10/2020	<0.005						
3/11/2020					0.0004 (J)		
3/16/2020							0.015
9/11/2020					<0.005		
9/14/2020	<0.005	<0.005		0.0046 (J)		0.0014 (J)	
9/15/2020			<0.005				
9/16/2020							0.0075 (J)
3/11/2021	<0.005	<0.005	<0.005	0.0047 (J)			
3/15/2021					<0.005	0.0013 (J)	
3/17/2021							0.0077
8/4/2021				0.0045 (J)			
8/5/2021	<0.005	<0.005	<0.005			0.0023 (J)	
8/9/2021							0.0089
8/11/2021					<0.005		
1/31/2022	<0.005			0.0052			
2/1/2022		<0.005	<0.005		<0.005	0.0014 (J)	
2/2/2022							0.0088
8/15/2022	<0.005	<0.005	<0.005	0.0056	<0.005	0.0022 (J)	
8/16/2022							0.0087
2/14/2023	<0.005	<0.005	<0.005	0.0058	<0.005	0.0018 (J)	
2/20/2023							0.0087
7/26/2023	<0.005			0.0075			
7/27/2023		<0.005	<0.005		<0.005	0.0017 (J)	
7/28/2023							0.009
2/21/2024	<0.005	<0.005	<0.005	0.0076	<0.005	<0.005	
2/26/2024							0.0085
8/5/2024	<0.005	<0.005	<0.005	0.0061			
8/6/2024					<0.005	0.0022 (J)	
8/8/2024							0.0078
2/26/2025	<0.005	<0.005	<0.005	0.0097	<0.005	0.0022 (J)	
2/27/2025							0.0093

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.005					
8/23/2007						0.0046
10/25/2007	0.0028					
11/1/2007						0.0057
11/19/2007						0.014 (J)
11/20/2007	0.012					
1/15/2008						0.057 (O)
1/23/2008	0.046 (O)					
3/6/2008						0.046 (O)
3/11/2008	0.0091					
5/13/2008						0.0069
5/14/2008	0.022					
12/11/2008	0.005					
12/12/2008						0.0061
4/16/2009						0.0067 (J)
4/23/2009	0.0031					
10/9/2009	0.0053					
10/13/2009						0.0054
4/21/2010						<0.005
5/4/2010	<0.005					
9/29/2010						<0.005
10/11/2010	0.0042					
4/13/2011						<0.005
4/26/2011	0.0051					
10/5/2011						<0.005
10/18/2011	<0.005			<0.005		
4/4/2012						<0.005
4/30/2012				<0.005		
5/2/2012	<0.005					
10/3/2012				<0.005		
10/8/2012	<0.005					<0.005
4/8/2013				<0.005		<0.005
4/10/2013	<0.005					
10/8/2013	0.0025					
10/9/2013				<0.005		0.0029
4/9/2014						0.0025 (J)
4/10/2014				<0.005		
4/14/2014	0.0025 (J)					
9/30/2014						<0.005
10/2/2014				<0.005		
10/3/2014	0.0021 (J)					
4/1/2015	0.0026					
4/2/2015						0.0016 (J)
4/3/2015				<0.005		
5/26/2015		<0.005			0.002 (J)	
6/18/2015		<0.005 (D)			0.0025 (D)	
7/2/2015		<0.005			<0.005	
10/8/2015				0.003	<0.005	
10/9/2015	<0.005	<0.005				
10/10/2015						0.00295 (D)
3/22/2016					<0.005	
3/29/2016	<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				<0.005		0.00202 (J)
8/1/2016	<0.005	<0.005				
8/2/2016			0.0011 (J)	<0.005	<0.005	
8/5/2016						<0.005
4/6/2017	0.0005 (J)	<0.005	0.0011 (J)	0.0003 (J)		0.001 (J)
4/7/2017					0.0007 (J)	
10/3/2017	<0.005	<0.005	0.0012 (J)		0.0006 (J)	0.0007 (J)
10/4/2017				<0.005		
3/19/2018	<0.005					
3/20/2018		<0.005	<0.005		<0.005	0.00097 (J)
3/21/2018				<0.005		
9/17/2018	<0.005	<0.005				
9/18/2018			<0.005	<0.005	<0.005	<0.005 (D)
3/21/2019	<0.005	<0.005	0.00099 (J)			0.001 (J)
3/27/2019				<0.005		
5/6/2019					<0.005	
9/13/2019			0.00061 (J)			
9/16/2019	<0.005	<0.005		<0.005 (D)	<0.005	0.00062 (J)
3/12/2020	<0.005	<0.005	0.00078 (J)	<0.005		0.0011 (J)
3/16/2020					0.0006 (J)	
9/16/2020	<0.005	<0.005	<0.005			
9/17/2020				<0.005	<0.005	<0.005
3/17/2021	<0.005	<0.005	<0.005	<0.005		
3/18/2021					<0.005	0.001 (J)
8/10/2021	<0.005	<0.005	0.0009 (J)	<0.005	<0.005	0.001 (J)
2/2/2022	<0.005	<0.005	<0.005	<0.005	<0.005	0.0011 (J)
8/17/2022	<0.005	<0.005	<0.005	<0.005	<0.005	0.0011 (J)
2/17/2023	<0.005	<0.005				
2/20/2023			<0.005		<0.005	
2/21/2023				<0.005		0.001 (J)
7/28/2023		<0.005				
7/31/2023	<0.005		<0.005	<0.005	<0.005	0.00071 (J)
2/26/2024	<0.005	<0.005	<0.005		<0.005	
2/27/2024				<0.005		<0.005
8/8/2024	<0.005	<0.005	<0.005			
8/12/2024				<0.005	<0.005	<0.005
2/27/2025	<0.005	<0.005	<0.005			
2/28/2025					<0.005	0.0013 (J)
3/4/2025				<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: pH (pH_units) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2016					6.91		
3/15/2016							7.58
3/22/2016	7.65						
3/23/2016		6.7	7.45			5.96	
5/11/2016					6.51		7.24
5/16/2016				7.61 (D)			
5/19/2016	7.6		7.5				
5/20/2016		6.36					
5/23/2016						5.73	
7/19/2016					6.12		
7/21/2016							7.53
7/27/2016				7.51 (D)			
7/29/2016	7.58	6.75	7.59			5.51	
9/15/2016					5.96		7
9/19/2016							7.19
9/22/2016			7.44			5.45	
9/23/2016	7.57	6.62					
11/2/2016					5.78		
11/3/2016							7.13
11/9/2016	7.45	6.42					
11/10/2016			7.55			5.51	
1/17/2017							7.51
1/18/2017					6.13		
1/30/2017	7.64						
1/31/2017		5.66	7.56			5.42	
2/21/2017				7.76 (D)			
3/24/2017							7.55
3/27/2017				7.7 (D)			
3/28/2017					6.59		
3/30/2017	7.51	6.33				5.43	
4/3/2017			7.46				
5/24/2017							7.6
6/7/2017					6.72		
6/8/2017				7.69 (D)			
6/9/2017	7.6		7.24				
6/12/2017		6.6				5.47	
7/17/2017				7.57 (D)			
7/26/2017				7.63			
7/27/2017				7.63			
8/8/2017				7.73			
8/9/2017				7.73			
9/26/2017					7.05		7.66
9/29/2017				7.7 (D)			
10/2/2017	7.55	5.61	7.35				
10/4/2017						5.23	
12/28/2017					6.79 (Y)		7.34 (Y)
3/14/2018					7.42		7.56
3/16/2018	7.58		7.31	7.49			
3/19/2018		6.55				5.4	
9/12/2018					6.86		7.12
9/14/2018		5.81	7.55	7.32			
9/17/2018	7.53 (D)					5.22	

Time Series

Constituent: pH (pH_units) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/13/2019							7.12
3/14/2019				7.46			
3/15/2019					6.78		
3/19/2019			7.2				
3/20/2019	7.64	5.71				5.22	
9/9/2019					6.49		7.07
9/10/2019				7.48			
9/12/2019	7.36	5.45 (D)					
9/13/2019			7.29			5.07	
3/9/2020				7.68	5.9		7.5
3/11/2020	7.51	6.56	7.09			5.31	
9/10/2020					5.53		
9/11/2020							6.98
9/15/2020	7.43	6.38	7.45				
9/16/2020				7.68			
3/10/2021							7.3
3/12/2021					6.39		
3/16/2021	7.57		7.51	7.85			
3/17/2021		6.58					
3/29/2021						8.04	
8/4/2021					6.21		6.79
8/6/2021				7.09			
8/9/2021	7.44	6.47	6.63			7.85	
1/31/2022					6.41		6.85
2/1/2022	7.52	6.3	6.62				
2/2/2022				6.89		7.94	
8/10/2022					6.07		
8/12/2022							6.83
8/16/2022	7.36	6.63	7.11	7.45		7.74	
2/13/2023					6.35		6.94
2/14/2023				7.48			
2/16/2023	7.39	6.56	7.02				
2/17/2023						7.71	
7/25/2023				7.19			
7/26/2023					5.77		6.46
7/27/2023	7.08	6.06	6.49				
8/1/2023						7.66	
2/19/2024				7.7	6.34		6.75
2/22/2024	6.97	6.03				7.89	
2/26/2024			6.85				
8/1/2024				7.08	5.88		7.06
8/6/2024			7.61				
8/7/2024	7.51	6.73					
8/8/2024						7.86	
2/25/2025					6.66		7.51
2/26/2025				7.4		7.93	
2/27/2025	7.5	6.7	7.18				

Time Series

Constituent: pH (pH_units) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/11/2016			7.37	6.43	7.89		
3/15/2016	6.74	7.15					
3/28/2016							6.22
5/12/2016	6.41						
5/13/2016		7.29		6.8	7.86		
5/16/2016			7.55				
5/23/2016							5.86
7/19/2016				6.42	7.83		
7/20/2016	6.59						
7/21/2016		7.43					
7/22/2016			7.51				
8/1/2016							6.39
9/16/2016				6.19	7.75		
9/19/2016			7.52				
9/21/2016		7.05					
9/26/2016							5.74
11/2/2016				6.36	7.77		
11/3/2016	6.45	7.4	7.56				
11/10/2016							5.78
1/17/2017		7.06	7.59				
1/18/2017	6.34			6.16	7.65		
1/30/2017							5.88
2/22/2017						7.38 (D)	
3/24/2017	6.42						
3/27/2017		7.13	7.63				
3/28/2017				5.8	7.79		
4/7/2017						7.35 (D)	5.94
6/6/2017	6.82	7.18		5.97	7.89		
6/7/2017			7.55				
6/12/2017							5.81
6/14/2017						7.3 (D)	
7/11/2017						7.39	
7/12/2017						7.39 (D)	
7/19/2017						7.44	
7/20/2017						7.44 (D)	
7/27/2017						7.5	
7/28/2017						7.5	
8/8/2017						7.52	
8/9/2017						7.52	
8/23/2017						7.5	
8/24/2017						7.5	
9/22/2017				5.77	7.8		
9/25/2017	6.63	6.88					
9/26/2017			7.59				
10/2/2017							5.93
10/3/2017						7.51 (D)	
12/28/2017					7.78 (Y)	7.32 (Y)	
3/14/2018	7.08	7.04	7.6	5.85			
3/15/2018					7.66		
3/16/2018							5.64
3/21/2018						7.3	
9/12/2018	6.54	7.02		5.65	7.75		

Time Series

Constituent: pH (pH_units) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/14/2018			7.37				
9/17/2018							5.82
9/18/2018						7.26	
3/13/2019				5.63	7.84		
3/14/2019	6.58	6.93	7.57				
3/19/2019							5.93
3/21/2019						7.28 (D)	
9/10/2019	5.66	6.72	7.53				
9/11/2019				5.53	7.75		
9/12/2019						7.2 (D)	
9/13/2019							5.61
3/6/2020	6.82		7.42				
3/9/2020		6.7		5.5	7.73		
3/11/2020							5.57
3/12/2020						7.55	
9/10/2020	6.4	6.67	7.48				
9/11/2020				6.25			
9/14/2020					7.76		
9/16/2020							5.62
9/17/2020						7.42	
3/10/2021		7.3					
3/11/2021	6.8		7.53	5.55	7.81		
3/16/2021						7.4	
3/17/2021							5.64
8/4/2021	6.34	7.15	7.35				
8/5/2021					7.75		
8/6/2021				5.52			
8/9/2021							5.34
8/10/2021						7.2	
1/31/2022	6.02	6.63	7.17	5.71	8.04		
2/1/2022							5.61
2/3/2022						7.2	
8/10/2022			7.26		7.72		
8/11/2022	6.29	7.12		5.64			
8/16/2022							5.29
8/17/2022						6.49	
2/13/2023	6.25	6.45	6.83		7.82		
2/14/2023				5.24			
2/16/2023							4.95
2/17/2023						6.98	
7/25/2023	5.58	6.19		4.64	7.31		
7/26/2023			6.92				
7/28/2023						6.815 (D)	4.66
2/19/2024	6.17	6.79					
2/20/2024			7.39	5.31	7.82		
2/22/2024							5.6
2/27/2024						7.11	
8/1/2024	6.03	7.17	7.49				
8/2/2024				5.28	7.74		
8/8/2024						7.01	4.68
2/25/2025	6.8	6.63	7.41	5.28	7.77		
2/27/2025							5.64

Time Series

Constituent: pH (pH_units) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
2/28/2025						7.25	

Time Series

Constituent: pH (pH_units) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/28/2016	6.45						
3/31/2016		7.21	7.54				
4/4/2016				7.16	8.01	6.53	7.44
5/25/2016	6.96						
5/26/2016		7.3	7.43	7.23	7.91		
5/27/2016						6.45	
5/31/2016							7.37
8/1/2016	5.64						
8/3/2016			7.41	6.96		6.41	
8/4/2016					7.85		7.32
8/5/2016		7.54					
9/26/2016	6.26						
9/28/2016		7.48	7.26	7.6	8.26		
9/29/2016							7.38
9/30/2016						6.46	
11/11/2016	5.62						
11/22/2016		7.54	7.38	6.71	7.79	6.39	
11/28/2016							7.43
1/30/2017	5.49						
2/7/2017		7.17	7.46				
2/8/2017				6.84	7.77		
2/9/2017							7.36
2/13/2017						6.4	
4/3/2017	6.32						
4/10/2017		6.72	7.51	7.13	7.95		
4/11/2017						6.37	
4/12/2017							7.46
6/12/2017	6.48						
6/14/2017		6.83	7.34			5.85	
6/15/2017				7.1	7.79		
6/16/2017							7.36
10/2/2017	6.41						
10/4/2017		7.38	7.54	6.25	7.74	6.27	
10/9/2017							7.38
3/16/2018	5.46						
3/20/2018		6.23					
3/21/2018			7.33	7.07			7.33
3/22/2018					7.72	6.45	
9/18/2018	5.35	7.14	7.66	6.9	7.88	6.42	
9/19/2018							7.31
3/19/2019	6.01						
3/22/2019		6.23	7.34				
3/23/2019				6.27	7.56	6.34	7.27
9/12/2019	5.89						
9/17/2019		7.16	7.51	6.55	7.58	6.19 (D)	
9/18/2019							7.28
3/11/2020	5.4						
3/12/2020		6.43	7.49	6.3	7.6	6.17	
3/13/2020							7.25
9/15/2020	5.26						
9/17/2020		7.28	7.7				
9/21/2020				7.02	7.84	6.28	

Time Series

Constituent: pH (pH_units) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							7.34
3/17/2021	6.31						
3/18/2021		6.69	7.52				7.3
3/19/2021				7.05	7.64	6.31	
5/26/2021					7.55		
8/9/2021	5.16						
8/10/2021		6.63					
8/11/2021			7.46	6.02	7.65	6.05	7.07
2/2/2022	5.17					6.35	
2/4/2022		6.53	7.69	7.2	7.58		
2/17/2022							7.24
4/28/2022						6.33	
8/17/2022	5.7	7.01					
8/18/2022			7.52	6.08	7.57	6.03	6.95
2/16/2023	4.73						
2/20/2023		5.39	7.08	5.52	7.2		
2/21/2023						6.18	
2/22/2023							6.96
4/11/2023							6.69
7/28/2023	4.24						
7/31/2023		6.58	7.16				
8/1/2023				6.71	7.3	5.45	6.77
2/22/2024	5.09						
2/27/2024		6.54	7.4			5.38	6.9
2/28/2024				6.87	7.52		
8/8/2024	4.25						
8/12/2024		7.17	7.65		7.8	5.49	6.73
8/13/2024				5.67			
2/28/2025	5.04	6.5					
3/3/2025			7.57		7.62		7.29
3/4/2025				6.93		6.22	

Time Series

Constituent: pH (pH_units) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/16/2016					4.49	5.1	7.22
4/4/2016	8.56 (o)						
4/5/2016		10.61 (o)	7.71	7.71			
5/16/2016					4.55	5.15	7.34
5/31/2016			7.66	9.52 (o)			
6/1/2016	9.83 (o)	10.32 (o)					
7/25/2016					4.63	5.13	7.38
8/4/2016			7.8				
8/9/2016		8.23 (o)					
9/19/2016					4.65	5	7.37
9/29/2016			7.46				
11/3/2016					4.69		7.52
11/4/2016						5.02	
11/23/2016			7.62	7.88			
11/28/2016		7.29					
1/19/2017					4.58		
1/20/2017							7.3
1/23/2017						4.9	
2/9/2017		6.91					
2/10/2017			7.51	7.72			
2/22/2017	7.45						
3/28/2017					4.45		
3/29/2017						5.08	7.29
4/11/2017	6.37	6.68		7.83			
4/12/2017			7.54				
6/5/2017					4.33		
6/7/2017						5.06	7.43
6/14/2017		6.84					
6/15/2017			7.71	7.86			
6/16/2017	7.33						
7/12/2017	7.46	6.54		7.73			
7/20/2017					4.38		
7/26/2017				7.71			
7/27/2017	7.37						
7/28/2017	7.37						
8/9/2017	7.38						
8/10/2017	7.38						
9/26/2017					4.51		
9/27/2017						4.92	7.2
10/5/2017		6.93					
10/6/2017	6.55		7.58	7.74			
12/28/2017	7.43 (Y)						
12/29/2017						5.08 (Y)	
3/15/2018					4.34	4.6	6.87
3/22/2018		6.93					
3/23/2018	7.58		7.34	7.89			
9/12/2018					4.49		
9/13/2018						5.26	7.31
9/19/2018		6.88	7.66	7.77			
9/20/2018	7.43						
3/14/2019					4.41	5.01 (D)	7.14 (D)
3/22/2019	7.49	6.27		7.55			

Time Series

Constituent: pH (pH_units) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/25/2019			7.64				
9/11/2019					4.36	4.93 (D)	7.2 (D)
9/17/2019		6.04	7.35	7.76			
9/18/2019	7.5						
3/10/2020					4.44	4.98	7.05
3/13/2020		6.16	7.56	7.68			
3/17/2020	7.62						
9/11/2020						4.91	7.26
9/15/2020					4.46		
9/21/2020		6.06	7.48	7.65			
9/22/2020	6.95						
12/15/2020						4.92	
3/11/2021					4.21	4.68	7.21
3/18/2021		6.04	7.58	7.87			
3/19/2021	7.42						
8/4/2021					4.38		
8/6/2021						4.65	7.05
8/11/2021		6.09	7.59	7.81			
8/12/2021	7.11						
1/31/2022					4.78		
2/1/2022						4.88	7.15
2/4/2022	7.46	6.06	7.61				
2/7/2022				7.83			
8/12/2022						4.7	7.08
8/15/2022					4.3		
8/18/2022		5.95					
8/19/2022	6.66		7.5	7.6			
10/11/2022					4.13		
2/14/2023					3.95	4.26	6.71
2/22/2023	7.15	5.97	7.32	7.49			
7/26/2023					4.08	4.19	6.92
8/1/2023		5.57		7.41			
8/2/2023	6.995 (D)		7.23				
2/20/2024					3.87	3.95	6.46
2/28/2024	7.35	5.6	7.3	7.86			
8/5/2024						4.85	7.27
8/6/2024					4.57		
8/13/2024	7.25	6.04	7.75	7.86			
2/26/2025					4.36	4.85	7.36
3/3/2025		6.16	7.8	7.78			
3/4/2025	7.46						

Time Series

Constituent: pH (pH_units) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/10/2016	7.39	7.56	8.08	5.66			
3/17/2016					7.82	6.4	
3/28/2016							7.04
5/17/2016	7.32			5.11			
5/18/2016		7.58	7.91		7.85	6.17	
5/25/2016							6.39
7/26/2016	7.32						
7/27/2016		7.58	7.83	5.17	7.87		
7/28/2016						5.85	
8/1/2016							6.13
9/20/2016	7.3	7.68	7.69	5.12			
9/21/2016					7.8	5.61	
9/27/2016							5.98
11/4/2016	7.38		7.75	5.03	7.89		
11/7/2016		7.7				5.71	
11/11/2016							6.11
1/20/2017	7.29		7.6				
1/23/2017		7.61		5.1			
1/24/2017					7.97	5.58	
1/31/2017							6.08
3/28/2017	7.21			5.03			
3/29/2017		7.57	7.63		7.71		
3/30/2017						5.44	
4/3/2017							6.13
6/7/2017	7.47						
6/8/2017		7.48	7.64	4.77	7.86		
6/9/2017						5.11	
6/12/2017							6.83
9/27/2017		7.55	7.62				
9/29/2017	7.42			5.06	7.72	5.51	
10/3/2017							6.2
12/28/2017		7.59 (Y)		5.07 (Y)	7.71 (Y)		
1/10/2018						5.51 (Y)	
3/15/2018	7.22	7.42		5.14	7.51	5.12	
3/16/2018			7.72				
3/19/2018							6.06
9/13/2018	7.52	7.49	7.68	5.02	8.02		
9/14/2018						5.38	
9/17/2018							6.14
3/15/2019		7.45		5.28			
3/18/2019	7.39				7.89		
3/19/2019			7.93			5.6	
3/20/2019							6.29
9/11/2019	7.36		7.55	4.93	8.22	5.35	
9/12/2019		7.48					
9/16/2019							6.09
3/9/2020		7.19	7.51	5.18		5.6	
3/10/2020	7.44						
3/11/2020					8.19		
3/16/2020							6.88
9/11/2020					8		
9/14/2020	7.43	7.54		5		5.32	

Time Series

Constituent: pH (pH_units) Analysis Run 6/23/2025 1:40 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
9/15/2020			7.64				
9/16/2020							6
3/11/2021	7.53	7.34	7.48	4.95			
3/15/2021					8.05	5.31	
3/17/2021							5.85
5/26/2021	7.39			4.72			
8/4/2021				4.91			
8/5/2021	7.44	7.41	7.45			5.34	
8/9/2021							5.71
8/11/2021					7.98		
10/28/2021		7.34	7.36				
1/31/2022	7.48			4.86			
2/1/2022		7.55	7.54		7.63	5	
2/2/2022							5.9
4/28/2022				5			5.78
8/15/2022	7.58	7.43	7.35	4.89	7.81	5.06	
8/16/2022							5.84
10/21/2022				4.79			
2/14/2023	7.49	7.2	7.38	4.75	7.75	5.15	
2/20/2023							5.78
3/16/2023				4.55			
7/26/2023	7.18			4.31			
7/27/2023		6.73	7.03		7.45	4.47	
7/28/2023							5.06
2/21/2024	7.11	6.91	7.32	4.71	7.82	5.11	
2/26/2024							5.29
8/5/2024	7.54	7.32	7.62	4.98			
8/6/2024					7.86	5.22	
8/8/2024							5.69
2/26/2025	7.57	7.53	7.75	4.95	7.65	5.18	
2/27/2025							5.85
5/1/2025				4.92 (R)			

Time Series

Constituent: pH (pH_units) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/22/2016					7.53	
3/29/2016	7.54	7.24				
3/30/2016				8.2		6.07
5/24/2016	7.39	7.1		8.07		
5/25/2016					8.04	
5/26/2016						6.44
5/31/2016			7.98			
8/1/2016	7.26	7.07				
8/2/2016			7.64	8.07	7.74	
8/5/2016						6.67
9/26/2016	7.19	7.15			7.4	
9/27/2016			7.18	8.06		
9/28/2016						6.89
11/14/2016		7.15				
11/18/2016	7.04					
11/21/2016			7.49		7.4	6.89
11/22/2016				8.07		
2/1/2017	7.34	7.09	7.2			
2/3/2017					7.05	
2/6/2017				7.88		4.93
4/6/2017	7.49	7.23	7.42	7.86		4.92
4/7/2017					7.14	
6/13/2017	7.38	6.99	7.25		7.52	5.03
6/14/2017				7.66		
7/14/2017			7.5			
10/3/2017	7.39	7.09	7.5		7.38	6.01
10/4/2017				7.84		
1/9/2018				7.86 (Y)		
3/19/2018	7.32					
3/20/2018		6.9	6.76		7.27	4.88
3/21/2018				7.9		
9/17/2018	7.57	6.96				
9/18/2018			7.26	7.92	6.95	5.36 (D)
3/21/2019	7.21	6.82	7.3			5.33
3/27/2019				8.07		
5/6/2019					7.98	
9/13/2019			6.8			
9/16/2019	7.35	6.83		7.9 (D)	7.15	6.03
3/12/2020	7.4	6.88	7.53	8.02		4.82
3/16/2020					7.01	
9/16/2020	7.33	6.99	7.56			
9/17/2020				7.96	7.05	6.39
3/17/2021	7.57	7.03	7.52	8.08		
3/18/2021					6.45	4.78
8/10/2021	7.16	6.65	7.13	7.89	6.99	4.71
2/2/2022	7.4	6.8	7.54	8.13	8.92	4.81
4/28/2022					6.91	
8/17/2022	7.3	6.64	7.34	7.87	6.36	4.57
2/17/2023	7.11	6.41				
2/20/2023			7.4		6.87	
2/21/2023				7.88		4.59
7/28/2023		6.22				

Time Series

Constituent: pH (pH_units) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
7/31/2023	6.86		6.52	7.47	6.52	5.38
2/26/2024	7.16	6.5	7.63		6.35	
2/27/2024				7.48		3.88
8/8/2024	7.66	7.05	7.6			
8/12/2024				8.02	6.99	5.89
2/27/2025	7.59	7.1	7.63			
2/28/2025					6.92	4.81
3/4/2025				7.96		

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.01	<0.01	<0.01			<0.01	
10/23/2007	<0.01						
10/24/2007		<0.01	<0.01				
11/2/2007						<0.01	
11/18/2007	<0.01	<0.01	<0.01			<0.01	
1/30/2008	<0.01						
1/31/2008		<0.01	<0.01			<0.01	
3/10/2008	<0.01		<0.01				
3/11/2008		<0.01				<0.01	
5/6/2008		<0.01					
5/13/2008	<0.01		<0.01				
5/14/2008						<0.01	
12/4/2008		<0.01	<0.01				
12/5/2008	<0.01					<0.01	
4/15/2009	<0.01					<0.01	
4/21/2009		<0.01	<0.01				
10/7/2009	<0.01	<0.01					
10/8/2009			<0.01			<0.01	
4/21/2010			<0.01				
4/26/2010		<0.01					
4/28/2010						<0.01	
5/3/2010	<0.01						
9/28/2010			<0.01				
10/4/2010		<0.01					
10/6/2010						<0.01	
10/12/2010	<0.01						
4/12/2011			<0.01				
4/13/2011		<0.01					
4/21/2011						<0.01	
4/27/2011	<0.01						
10/4/2011			<0.01				
10/5/2011		<0.01					
10/13/2011						<0.01	
10/17/2011	<0.01						
4/3/2012			<0.01				
4/11/2012		<0.01					
5/1/2012						<0.01	
5/2/2012	<0.01						
10/8/2012	<0.01						
10/9/2012		<0.01	<0.01			<0.01	
4/11/2013			<0.01			<0.01	
4/12/2013	<0.01						
4/15/2013		<0.01					
10/15/2013		<0.01					
10/16/2013	<0.01		<0.01			<0.01	
4/10/2014			<0.01				
4/11/2014	<0.01						
4/22/2014		<0.01					
4/23/2014						<0.01	
9/30/2014	<0.01	<0.01	<0.01				
10/4/2014						<0.01	
3/30/2015	<0.01	<0.01	<0.01				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						<0.01	
10/12/2015						<0.01	
10/13/2015	<0.01	<0.01	<0.01				
3/14/2016					<0.01		
3/15/2016							<0.01
3/22/2016	<0.01						
3/23/2016		<0.01	<0.01			<0.01	
5/11/2016					<0.01		<0.01
5/16/2016				<0.01 (D)			
5/19/2016	<0.01		<0.01				
5/20/2016		0.00216 (J)					
5/23/2016						<0.01	
7/19/2016					<0.01		
7/21/2016							<0.01
7/27/2016				<0.01 (D)			
7/29/2016	<0.01	0.001 (J)	<0.01			<0.01	
9/15/2016					<0.01		<0.01
9/22/2016			<0.01			<0.01	
9/23/2016	<0.01	<0.01					
11/2/2016					<0.01		
11/3/2016							<0.01
11/9/2016	<0.01	<0.01					
11/10/2016			<0.01			<0.01	
1/17/2017							<0.01
1/18/2017					<0.01		
1/30/2017	<0.01						
1/31/2017		<0.01	<0.01			<0.01	
2/21/2017				<0.01			
3/24/2017							<0.01
3/27/2017				<0.01 (D)			
3/28/2017					<0.01		
3/30/2017	<0.01	<0.01				<0.01	
4/3/2017			<0.01				
5/24/2017							<0.01
6/7/2017					<0.01		
6/8/2017				<0.01 (D)			
6/9/2017	<0.01		<0.01				
6/12/2017		<0.01				<0.01	
7/17/2017				<0.01 (D)			
7/27/2017				<0.01			
8/9/2017				<0.01			
9/26/2017					<0.01		<0.01
9/29/2017				<0.01 (D)			
10/2/2017	<0.01	<0.01	<0.01				
10/4/2017						<0.01	
3/14/2018					<0.01		<0.01
3/16/2018	<0.01		<0.01	<0.01			
3/19/2018		0.0016 (J)				<0.01	
9/12/2018					<0.01		<0.01
9/14/2018		<0.01	<0.01	<0.01			
9/17/2018	<0.01 (D)					<0.01	
3/13/2019							<0.01

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				<0.01			
3/15/2019					<0.01		
3/19/2019			<0.01				
3/20/2019	<0.01	<0.01				<0.01	
9/9/2019					<0.01		<0.01
9/12/2019	<0.01	<0.01 (D)					
9/13/2019			<0.01			<0.01	
3/9/2020				<0.01	<0.01		<0.01
3/11/2020	<0.01	0.0021 (J)	<0.01			<0.01	
9/10/2020					<0.01		
9/11/2020							<0.01
9/15/2020	<0.01	<0.01	<0.01				
9/16/2020				<0.01			
3/10/2021							<0.01
3/12/2021					<0.01		
3/16/2021	<0.01		0.0021 (J)	<0.01			
3/17/2021		0.0045 (J)					
3/29/2021						<0.01	
8/4/2021					<0.01		<0.01
8/6/2021				<0.01			
8/9/2021	<0.01	<0.01	<0.01			<0.01	
1/31/2022					<0.01		<0.01
2/1/2022	<0.01	<0.01	<0.01				
2/2/2022				<0.01		<0.01	
8/10/2022					<0.01		
8/12/2022							<0.01
8/16/2022	<0.01	<0.01	<0.01	<0.01		<0.01	
2/13/2023					<0.01		<0.01
2/14/2023				<0.01			
2/16/2023	<0.01	0.0014 (J)	<0.01				
2/17/2023						<0.01	
7/25/2023				<0.01			
7/26/2023					<0.01		<0.01
7/27/2023	<0.01	<0.01	<0.01				
8/1/2023						<0.01	
2/19/2024				<0.01	<0.01		<0.01
2/22/2024	<0.01	<0.01				<0.01	
2/26/2024			<0.01				
8/1/2024				<0.01	<0.01		<0.01
8/6/2024			<0.01				
8/7/2024	<0.01	<0.01					
8/8/2024						<0.01	
2/25/2025					<0.01		<0.01
2/26/2025				<0.01		<0.01	
2/27/2025	<0.01	<0.01	<0.01				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.01
4/23/2009							<0.01
10/6/2009							<0.01
4/27/2010							<0.01
9/30/2010							<0.01
4/14/2011							<0.01
10/5/2011							<0.01
4/11/2012							<0.01
10/2/2012							<0.01
4/9/2013							<0.01
10/15/2013							<0.01
4/10/2014							<0.01
10/1/2014							<0.01
3/30/2015							<0.01
10/11/2015							<0.01
3/11/2016			<0.01	0.00236 (J)	<0.01		
3/15/2016	<0.01	<0.01					
3/28/2016							<0.01
5/12/2016	<0.01						
5/13/2016		<0.01		<0.01	<0.01		
5/16/2016			<0.01				
5/23/2016							<0.01
7/19/2016				<0.01	<0.01		
7/20/2016	<0.01						
7/21/2016		<0.01					
7/22/2016			<0.01				
8/1/2016							<0.01
9/15/2016	<0.01						
9/16/2016				<0.01	<0.01		
9/19/2016			<0.01				
9/21/2016		<0.01					
9/26/2016							<0.01
11/2/2016				<0.01	<0.01		
11/3/2016	<0.01	<0.01	<0.01				
11/10/2016							<0.01
1/17/2017		<0.01	<0.01				
1/18/2017	<0.01			<0.01	<0.01		
1/30/2017							<0.01
2/22/2017						<0.01	
3/24/2017	<0.01						
3/27/2017		<0.01	<0.01				
3/28/2017				<0.01	<0.01		
4/7/2017						<0.01	<0.01
6/6/2017	<0.01	<0.01		<0.01	<0.01		
6/7/2017			<0.01				
6/12/2017							<0.01
6/14/2017						<0.01 (D)	
7/12/2017						<0.01 (D)	
7/20/2017						<0.01 (D)	
7/28/2017						<0.01	
8/9/2017						<0.01	
8/24/2017						<0.01	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
9/22/2017				<0.01	<0.01		
9/25/2017	<0.01	<0.01					
9/26/2017			<0.01				
10/2/2017							<0.01
10/3/2017						<0.01 (D)	
3/14/2018	<0.01	<0.01	<0.01	<0.01			
3/15/2018					<0.01		
3/16/2018							<0.01
3/21/2018						<0.01	
9/12/2018	<0.01	<0.01		<0.01	<0.01		
9/14/2018			<0.01				
9/17/2018							<0.01
9/18/2018						<0.01	
3/13/2019				<0.01	<0.01		
3/14/2019	<0.01	<0.01	<0.01				
3/19/2019							<0.01
3/21/2019						<0.01 (D)	
9/10/2019	<0.01 (D)	<0.01	<0.01				
9/11/2019				<0.01	<0.01		
9/12/2019						<0.01 (D)	
9/13/2019							<0.01
3/6/2020	<0.01		<0.01				
3/9/2020		<0.01		<0.01	<0.01		
3/11/2020							<0.01
3/12/2020						<0.01	
9/10/2020	<0.01	<0.01	<0.01				
9/11/2020				<0.01			
9/14/2020					<0.01		
9/16/2020							<0.01
9/17/2020						<0.01	
3/10/2021		<0.01					
3/11/2021	<0.01		<0.01	<0.01	<0.01		
3/16/2021						<0.01	
3/17/2021							<0.01
8/4/2021	<0.01	<0.01	<0.01				
8/5/2021					<0.01		
8/6/2021				<0.01			
8/9/2021							<0.01
8/10/2021						<0.01	
1/31/2022	<0.01	<0.01	<0.01	<0.01	<0.01		
2/1/2022							<0.01
2/3/2022						<0.01	
8/10/2022			<0.01		<0.01		
8/11/2022	<0.01	<0.01		<0.01			
8/16/2022							<0.01
8/17/2022						<0.01	
2/13/2023	<0.01	<0.01	<0.01		<0.01		
2/14/2023				<0.01			
2/16/2023							<0.01
2/17/2023						<0.01	
7/25/2023	<0.01	<0.01		<0.01	<0.01		
7/26/2023			<0.01				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
7/28/2023						<0.01	<0.01
2/19/2024	<0.01	<0.01					
2/20/2024			<0.01	<0.01	<0.01		
2/22/2024							<0.01
2/27/2024						<0.01	
8/1/2024	<0.01	<0.01	<0.01				
8/2/2024				<0.01	<0.01		
8/8/2024						<0.01	<0.01
2/25/2025	<0.01	<0.01	<0.01	<0.01	<0.01		
2/27/2025							<0.01
2/28/2025						<0.01	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
11/1/2007		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
11/18/2007				<0.01	<0.01		
11/19/2007						<0.01	<0.01
11/20/2007		<0.01	<0.01				
1/16/2008						<0.01	
1/30/2008		<0.01	<0.01	<0.01	<0.01		
1/31/2008							<0.01
3/5/2008				<0.01		<0.01	<0.01
3/6/2008		<0.01	<0.01		<0.01		
5/7/2008				<0.01	<0.01		
5/8/2008			<0.01				
5/12/2008		<0.01					<0.01
5/13/2008						<0.01	
12/12/2008	<0.01						
12/13/2008		<0.01				<0.01	<0.01
12/14/2008			<0.01	<0.01	<0.01		
4/16/2009						<0.01	
4/23/2009	<0.01						
4/28/2009							<0.01
4/29/2009		<0.01	<0.01	<0.01	<0.01		
10/6/2009	<0.01						
10/20/2009		<0.01					
10/21/2009			<0.01			<0.01	<0.01
10/22/2009				<0.01	<0.01		
4/21/2010			<0.01	<0.01	<0.01		
4/26/2010		<0.01					
4/27/2010						<0.01	
4/28/2010							<0.01
5/3/2010	<0.01						
9/28/2010			<0.01	<0.01			
9/29/2010		<0.01			<0.01		
10/5/2010						<0.01	<0.01
10/11/2010	<0.01						
4/12/2011			<0.01	<0.01			
4/13/2011		<0.01			<0.01		
4/19/2011						<0.01	<0.01
4/27/2011	<0.01						
10/4/2011			<0.01	<0.01	<0.01		
10/5/2011		<0.01					
10/12/2011						<0.01	
10/18/2011							<0.01
10/19/2011	<0.01						
4/3/2012			<0.01	<0.01			
4/4/2012		<0.01			<0.01		
4/24/2012						<0.01	
4/25/2012							<0.01
5/1/2012	<0.01						
10/2/2012	<0.01					<0.01	<0.01
10/3/2012		<0.01		<0.01	<0.01		
10/8/2012			<0.01				
4/2/2013						<0.01	<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		<0.01	<0.01	<0.01	<0.01		
4/10/2013	<0.01						
10/8/2013							<0.01
10/9/2013				<0.01	<0.01	<0.01	
10/15/2013		<0.01	<0.01				
10/16/2013	<0.01						
4/1/2014						<0.01	<0.01
4/2/2014				<0.01	<0.01		
4/9/2014		<0.01	<0.01				
4/22/2014	<0.01						
10/1/2014	<0.01						<0.01
10/2/2014		<0.01	<0.01	<0.01	<0.01	<0.01	
3/30/2015	<0.01						
4/1/2015				<0.01	<0.01	<0.01	<0.01
4/2/2015		<0.01	<0.01				
10/10/2015		<0.01					
10/11/2015	<0.01			<0.01	<0.01		
10/12/2015			<0.01				
10/14/2015						<0.01	
10/15/2015							0.0055
3/28/2016	<0.01						
3/31/2016		<0.01	<0.01				
4/4/2016				<0.01	<0.01	<0.01	0.00286 (J)
5/25/2016	<0.01						
5/26/2016		<0.01	<0.01	<0.01	<0.01		
5/27/2016						<0.01	
5/31/2016							0.00303 (J)
8/1/2016	<0.01						
8/3/2016			<0.01	<0.01		<0.01	
8/4/2016					<0.01		0.005 (J)
8/5/2016		<0.01					
9/26/2016	<0.01						
9/28/2016		<0.01	<0.01	<0.01	<0.01		
9/29/2016							0.0074 (J)
9/30/2016						<0.01	
11/11/2016	<0.01						
11/22/2016		<0.01	<0.01	<0.01	<0.01	<0.01	
11/28/2016							0.0073 (J)
1/30/2017	<0.01						
2/7/2017		<0.01	<0.01				
2/8/2017				<0.01	<0.01		
2/9/2017							0.0067 (J)
2/13/2017						<0.01	
4/3/2017	<0.01						
4/10/2017		<0.01	<0.01	<0.01	<0.01		
4/11/2017						<0.01	
4/12/2017							0.0048 (J)
6/12/2017	<0.01						
6/14/2017		<0.01	<0.01			<0.01	
6/15/2017				<0.01	<0.01		
6/16/2017							0.007 (J)
10/2/2017	<0.01						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/4/2017		<0.01	<0.01	<0.01	<0.01	<0.01	
10/9/2017							0.0048 (J)
3/16/2018	<0.01						
3/20/2018		<0.01					
3/21/2018			<0.01	<0.01			0.0021 (J)
3/22/2018					<0.01	<0.01	
9/18/2018	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
9/19/2018							0.0019 (J)
3/19/2019	<0.01						
3/22/2019		<0.01	<0.01				
3/23/2019				<0.01	<0.01	<0.01	<0.01
9/12/2019	<0.01						
9/17/2019		<0.01	<0.01	<0.01	<0.01	<0.01 (D)	
9/18/2019							0.0018 (J)
3/11/2020	<0.01						
3/12/2020		<0.01	<0.01	<0.01	<0.01	<0.01	
3/13/2020							0.0019 (J)
9/15/2020	<0.01						
9/17/2020		<0.01	<0.01				
9/21/2020				<0.01	<0.01	<0.01	
9/22/2020							<0.01
3/17/2021	<0.01						
3/18/2021		<0.01	<0.01				0.0021 (J)
3/19/2021				<0.01	<0.01	<0.01	
8/9/2021	<0.01						
8/10/2021		<0.01					
8/11/2021			<0.01	<0.01	<0.01	<0.01	<0.01
2/2/2022	<0.01					<0.01	
2/4/2022		<0.01	<0.01	<0.01	<0.01		
2/17/2022							<0.01
8/17/2022	<0.01	<0.01					
8/18/2022			<0.01	<0.01	<0.01	<0.01	<0.01
2/16/2023	<0.01						
2/20/2023		<0.01	<0.01	<0.01	<0.01		
2/21/2023						<0.01	
2/22/2023							<0.01
7/28/2023	<0.01						
7/31/2023		<0.01	<0.01				
8/1/2023				<0.01	<0.01	<0.01	<0.01
2/22/2024	<0.01						
2/27/2024		<0.01	<0.01			<0.01	<0.01
2/28/2024				<0.01	<0.01		
8/8/2024	<0.01						
8/12/2024		<0.01	<0.01		<0.01	<0.01	0.0014 (J)
8/13/2024				<0.01			
2/28/2025	<0.01	<0.01					
3/3/2025			<0.01		<0.01		<0.01
3/4/2025				<0.01		<0.01	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.01						
8/23/2007			<0.01				
8/24/2007		<0.01		<0.01			
11/1/2007	<0.01						
11/2/2007		<0.01	<0.01	<0.01			
11/17/2007		<0.01	<0.01				
11/18/2007				<0.01			
11/19/2007	<0.01						
1/15/2008		<0.01	<0.01	<0.01			
1/31/2008	<0.01						
3/5/2008	<0.01	<0.01					
3/6/2008			<0.01				
3/10/2008				<0.01			
5/7/2008	<0.01	<0.01	<0.01				
5/13/2008				<0.01			
12/2/2008		<0.01	<0.01	<0.01			
12/12/2008	<0.01						
4/16/2009		<0.01					
4/28/2009			<0.01	<0.01			
4/29/2009	<0.01						
10/19/2009			<0.01				
10/20/2009		<0.01		<0.01			
10/21/2009	<0.01						
4/20/2010		<0.01					
4/27/2010			<0.01	<0.01			
4/28/2010	<0.01						
9/29/2010		<0.01					
10/4/2010			<0.01				
10/5/2010				<0.01			
10/6/2010	<0.01						
4/12/2011		<0.01					
4/18/2011			<0.01				
4/19/2011				<0.01			
4/20/2011	<0.01						
10/4/2011		<0.01					
10/12/2011	<0.01		<0.01	<0.01			
4/4/2012		<0.01					
4/23/2012			<0.01				
4/25/2012	<0.01			<0.01			
10/2/2012	<0.01						
10/10/2012		<0.01	<0.01	<0.01			
4/2/2013	<0.01						
4/15/2013		<0.01	<0.01				
4/16/2013				<0.01			
10/8/2013	<0.01						
10/22/2013		<0.01	<0.01	<0.01			
4/1/2014	<0.01						
4/21/2014		<0.01	<0.01	<0.01			
9/30/2014		<0.01	<0.01	<0.01			
10/1/2014	<0.01						
3/31/2015	<0.01						
4/3/2015		<0.01	<0.01	<0.01			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.01			
10/7/2015		<0.01	<0.01				
10/14/2015	<0.01						
3/16/2016					0.00622 (J)	<0.01	<0.01
4/4/2016	<0.01						
4/5/2016		<0.01	<0.01	<0.01			
5/16/2016					0.0021 (J)	<0.01 (D)	<0.01 (D)
5/31/2016			<0.01	<0.01			
6/1/2016	<0.01	<0.01					
7/25/2016					<0.01	<0.01 (D)	<0.01 (D)
8/4/2016			<0.01				
8/9/2016		<0.01					
9/19/2016					<0.01	<0.01 (D)	<0.01 (D)
9/29/2016			<0.01				
11/3/2016					<0.01		<0.01 (D)
11/4/2016						<0.01 (D)	
11/23/2016			0.0016 (J)	<0.01			
11/28/2016		<0.01					
1/19/2017					<0.01		
1/20/2017							<0.01 (D)
1/23/2017						<0.01 (D)	
2/9/2017		<0.01					
2/10/2017			<0.01	<0.01			
2/22/2017	0.0014 (J)						
3/28/2017					0.0033 (J)		
3/29/2017						<0.01 (D)	<0.01 (D)
4/11/2017	0.0024 (J)	<0.01		<0.01			
4/12/2017			<0.01				
6/5/2017					0.0068 (J)		
6/7/2017						<0.01	<0.01
6/14/2017		<0.01					
6/15/2017			<0.01	<0.01			
6/16/2017	<0.01						
7/12/2017	0.0019 (J)	<0.01		<0.01			
7/26/2017				<0.01			
7/28/2017	<0.01						
8/10/2017	0.0019 (J)						
9/26/2017					0.0037 (J)		
10/5/2017		<0.01					
10/6/2017	<0.01		<0.01	<0.01			
3/15/2018					0.0031 (J)	<0.01	<0.01
3/22/2018		<0.01					
3/23/2018	<0.01		<0.01	<0.01			
9/12/2018					<0.01		
9/13/2018						<0.01	<0.01
9/19/2018		<0.01	<0.01	<0.01			
9/20/2018	<0.01						
3/14/2019					0.0042 (J)	<0.01 (D)	<0.01 (D)
3/22/2019	<0.01	<0.01		<0.01			
3/25/2019			<0.01				
9/11/2019					0.0021 (J)	<0.01 (D)	<0.01 (D)
9/17/2019		<0.01	<0.01	<0.01			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/18/2019	<0.01						
3/10/2020					0.0063 (J)	<0.01	<0.01
3/13/2020		0.0016 (J)	<0.01	<0.01			
3/17/2020	<0.01						
9/11/2020						<0.01	<0.01
9/15/2020					<0.01		
9/21/2020		<0.01	<0.01	<0.01			
9/22/2020	<0.01						
3/11/2021					<0.01	<0.01	<0.01
3/18/2021		0.0016 (J)	<0.01	<0.01			
3/19/2021	<0.01						
8/4/2021					0.0036 (J)		
8/6/2021						<0.01	<0.01
8/11/2021		<0.01	<0.01	<0.01			
8/12/2021	<0.01						
1/31/2022					0.0018 (J)		
2/1/2022						<0.01	<0.01
2/4/2022	<0.01	<0.01	<0.01				
2/7/2022				<0.01			
8/12/2022						<0.01	<0.01
8/15/2022					<0.01		
8/18/2022		<0.01					
8/19/2022	<0.01		<0.01	<0.01			
2/14/2023					<0.01	<0.01	<0.01
2/22/2023	<0.01	<0.01	<0.01	<0.01			
7/26/2023					<0.01	<0.01	<0.01
8/1/2023		<0.01		<0.01			
8/2/2023	<0.01		<0.01				
2/20/2024					<0.01	<0.01	<0.01
2/28/2024	<0.01	<0.01	<0.01	<0.01			
8/5/2024						<0.01	<0.01
8/6/2024					<0.01		
8/13/2024	0.001 (J)	<0.01	<0.01	<0.01			
2/26/2025					0.0026 (J)	<0.01	<0.01
3/3/2025		<0.01	<0.01	<0.01			
3/4/2025	<0.01						

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							<0.01
10/25/2007							<0.01
11/19/2007							<0.01
1/23/2008							<0.01
3/11/2008							<0.01
5/12/2008							<0.01
12/11/2008							<0.01
4/15/2009							<0.01
10/9/2009							0.015 (O)
5/4/2010							<0.01
10/12/2010							<0.01
4/28/2011							<0.01
10/19/2011							<0.01
5/2/2012							<0.01
10/9/2012							0.0054
4/11/2013							0.0072
10/16/2013							<0.01
4/23/2014							0.0067
10/3/2014							<0.01
3/31/2015							<0.01
10/12/2015							<0.01
3/10/2016	<0.01	<0.01	<0.01	<0.01			
3/17/2016					<0.01	<0.01	
3/28/2016							<0.01
5/17/2016	<0.01			<0.01			
5/18/2016		<0.01	<0.01		<0.01	<0.01	
5/25/2016							<0.01
7/26/2016	0.0009 (J)						
7/27/2016		<0.01	<0.01	0.0009 (J)	<0.01		
7/28/2016						<0.01	
8/1/2016							<0.01
9/20/2016	<0.01	<0.01	<0.01	<0.01			
9/21/2016					<0.01	<0.01	
9/27/2016							<0.01
11/4/2016	<0.01		<0.01	<0.01	<0.01		
11/7/2016		<0.01				<0.01	
11/11/2016							<0.01
1/20/2017	<0.01		<0.01				
1/23/2017		<0.01		<0.01			
1/24/2017					<0.01	<0.01	
1/31/2017							<0.01
3/28/2017	<0.01			<0.01			
3/29/2017		<0.01	<0.01		<0.01		
3/30/2017						<0.01	
4/3/2017							<0.01
6/7/2017	<0.01						
6/8/2017		<0.01	<0.01	<0.01	<0.01		
6/9/2017						<0.01	
6/12/2017							<0.01
9/29/2017	<0.01			<0.01	<0.01	<0.01	
10/3/2017							<0.01
3/15/2018	<0.01	<0.01		<0.01	<0.01	<0.01	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/16/2018			<0.01				
3/19/2018							<0.01
9/13/2018	<0.01	<0.01	<0.01	<0.01	<0.01		
9/14/2018						<0.01	
9/17/2018							<0.01
3/15/2019		<0.01		<0.01			
3/18/2019	<0.01				<0.01		
3/19/2019			<0.01			<0.01	
3/20/2019							<0.01
9/11/2019	<0.01		<0.01	<0.01 (D)	<0.01	<0.01	
9/12/2019		<0.01					
9/16/2019							<0.01
3/9/2020		<0.01	<0.01	<0.01		<0.01	
3/10/2020	<0.01						
3/11/2020					<0.01		
3/16/2020							<0.01
9/11/2020					<0.01		
9/14/2020	<0.01	<0.01		<0.01		<0.01	
9/15/2020			<0.01				
9/16/2020							<0.01
3/11/2021	<0.01	<0.01	<0.01	<0.01			
3/15/2021					<0.01	<0.01	
3/17/2021							0.0019 (J)
8/4/2021				<0.01			
8/5/2021	<0.01	<0.01	<0.01			<0.01	
8/9/2021							<0.01
8/11/2021					<0.01		
1/31/2022	<0.01			<0.01			
2/1/2022		<0.01	<0.01		<0.01	<0.01	
2/2/2022							<0.01
8/15/2022	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
8/16/2022							<0.01
2/14/2023	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2/20/2023							<0.01
7/26/2023	<0.01			0.0016 (J)			
7/27/2023		<0.01	<0.01		<0.01	<0.01	
7/28/2023							<0.01
2/21/2024	<0.01	<0.01	<0.01	0.0011 (J)	<0.01	<0.01	
2/26/2024							<0.01
8/5/2024	<0.01	<0.01	<0.01	0.0013 (J)			
8/6/2024					<0.01	<0.01	
8/8/2024							<0.01
2/26/2025	<0.01	<0.01	<0.01	0.0069	<0.01	<0.01	
2/27/2025							<0.01
5/1/2025				0.006 (R)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.01					
8/23/2007						<0.01
10/25/2007	<0.01					
11/1/2007						<0.01
11/19/2007						<0.01
11/20/2007	<0.01					
1/15/2008						<0.01
1/23/2008	<0.01					
3/6/2008						<0.01
3/11/2008	<0.01					
5/13/2008						<0.01
5/14/2008	<0.01					
12/11/2008	<0.01					
12/12/2008						<0.01
4/16/2009						<0.01
4/23/2009	<0.01					
10/9/2009	<0.01					
10/13/2009						<0.01
4/21/2010						<0.01
5/4/2010	<0.01					
9/29/2010						<0.01
10/11/2010	<0.01					
4/13/2011						<0.01
4/26/2011	<0.01					
10/5/2011						<0.01
10/18/2011	<0.01			<0.01		
4/4/2012						<0.01
4/30/2012				<0.01		
5/2/2012	<0.01					
10/3/2012				<0.01		
10/8/2012	<0.01					<0.01
4/8/2013				<0.01		<0.01
4/10/2013	<0.01					
10/8/2013	<0.01					
10/9/2013				<0.01		<0.01
4/9/2014						<0.01
4/10/2014				<0.01		
4/14/2014	<0.01					
9/30/2014						<0.01
10/2/2014				<0.01		
10/3/2014	<0.01					
4/1/2015	<0.01					
4/2/2015						<0.01
4/3/2015				<0.01		
5/26/2015		<0.01			<0.01	
6/18/2015		<0.01 (D)			<0.01 (D)	
7/2/2015		<0.01			<0.01	
10/8/2015				<0.01	<0.01	
10/9/2015	<0.01	<0.01				
10/10/2015						<0.01 (D)
3/22/2016					<0.01	
3/29/2016	<0.01	<0.01				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				<0.01		0.00388 (J)
5/24/2016	<0.01	<0.01		<0.01		
5/25/2016					<0.01	
5/26/2016						<0.01
5/31/2016			<0.01			
8/1/2016	<0.01	<0.01				
8/2/2016			<0.01	<0.01	<0.01	
8/5/2016						<0.01
9/26/2016	<0.01	<0.01			<0.01	
9/27/2016			<0.01	<0.01		
9/28/2016						<0.01
11/14/2016		<0.01				
11/18/2016	<0.01					
11/21/2016			<0.01		<0.01	<0.01
11/22/2016				<0.01		
2/1/2017	<0.01	<0.01	<0.01			
2/3/2017					<0.01	
2/6/2017				<0.01		<0.01
4/6/2017	<0.01	<0.01	<0.01	<0.01		<0.01
4/7/2017					<0.01	
6/13/2017	<0.01	<0.01	<0.01		<0.01	<0.01
6/14/2017				<0.01		
7/14/2017			<0.01			
10/3/2017	<0.01	<0.01	<0.01		<0.01	<0.01
10/4/2017				<0.01		
3/19/2018	<0.01					
3/20/2018		<0.01	<0.01		<0.01	<0.01
3/21/2018				<0.01		
9/17/2018	<0.01	<0.01				
9/18/2018			<0.01	<0.01	<0.01	<0.01 (D)
3/21/2019	<0.01	<0.01	<0.01			<0.01
3/27/2019				<0.01		
5/6/2019					<0.01	
9/13/2019			<0.01			
9/16/2019	<0.01	<0.01		<0.01 (D)	<0.01	<0.01
3/12/2020	<0.01	<0.01	<0.01	<0.01		<0.01
3/16/2020					<0.01	
9/16/2020	<0.01	<0.01	<0.01			
9/17/2020				<0.01	<0.01	<0.01
3/17/2021	<0.01	0.0038 (J)	<0.01	<0.01		
3/18/2021					0.0089	<0.01
8/10/2021	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2/2/2022	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
8/17/2022	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2/17/2023	<0.01	<0.01				
2/20/2023			<0.01		<0.01	
2/21/2023				<0.01		<0.01
7/28/2023		<0.01				
7/31/2023	<0.01		<0.01	<0.01	<0.01	<0.01
2/26/2024	<0.01	<0.01	<0.01		<0.01	
2/27/2024				<0.01		<0.01
8/8/2024	<0.01	<0.01	<0.01			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/12/2024				<0.01	<0.01	<0.01
2/27/2025	<0.01	<0.01	<0.01			
2/28/2025					<0.01	0.0013 (J)
3/4/2025				<0.01		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.005	<0.005	<0.005			<0.005	
10/23/2007	<0.005						
10/24/2007		<0.005	<0.005				
11/2/2007						<0.005	
11/18/2007	<0.005	<0.005	<0.005			<0.005	
1/30/2008	<0.005						
1/31/2008		<0.005	<0.005			<0.005	
3/10/2008	<0.005		<0.005				
3/11/2008		<0.005				<0.005	
5/6/2008		<0.005					
5/13/2008	<0.005		<0.005				
5/14/2008						<0.005	
12/4/2008		<0.005	<0.005				
12/5/2008	<0.005					<0.005	
4/15/2009	<0.005					<0.005	
4/21/2009		<0.005	<0.005				
10/7/2009	<0.005	<0.005					
10/8/2009			<0.005			<0.005	
4/21/2010			<0.005				
4/26/2010		<0.005					
4/28/2010						<0.005	
5/3/2010	<0.005						
9/28/2010			<0.005				
10/4/2010		<0.005					
10/6/2010						<0.005	
10/12/2010	<0.005						
4/12/2011			<0.005				
4/13/2011		<0.005					
4/21/2011						<0.005	
4/27/2011	<0.005						
10/4/2011			<0.005				
10/5/2011		<0.005					
10/13/2011						<0.005	
10/17/2011	<0.005						
4/3/2012			<0.005				
4/11/2012		<0.005					
5/1/2012						<0.005	
5/2/2012	<0.005						
10/8/2012	<0.005						
10/9/2012		<0.005	<0.005			<0.005	
4/11/2013			<0.005			<0.005	
4/12/2013	<0.005						
4/15/2013		<0.005					
10/15/2013		<0.005					
10/16/2013	<0.005		<0.005			<0.005	
4/10/2014			<0.005				
4/11/2014	<0.005						
4/22/2014		<0.005					
4/23/2014						<0.005	
9/30/2014	<0.005	<0.005	<0.005				
10/4/2014						<0.005	
3/30/2015	<0.005	<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						<0.005	
10/12/2015						<0.005	
10/13/2015	<0.005	<0.005	<0.005				
3/14/2016					<0.005		
3/15/2016							<0.005
3/22/2016	<0.005						
3/23/2016		<0.005	<0.005			<0.005	
5/11/2016					<0.005		<0.005
5/16/2016				<0.005 (D)			
7/19/2016					<0.005		
7/21/2016							<0.005
7/27/2016				0.0012 (JD)			
7/29/2016	<0.005	<0.005	<0.005			<0.005	
9/15/2016					<0.005		<0.005
11/2/2016					<0.005		
11/3/2016							<0.005
1/17/2017							<0.005
1/18/2017					<0.005		
2/21/2017				<0.005			
3/24/2017							<0.005
3/27/2017				<0.005 (D)			
3/28/2017					<0.005		
3/30/2017	<0.005	<0.005				<0.005	
4/3/2017			<0.005				
9/26/2017					<0.005		<0.005
9/29/2017				<0.005 (D)			
10/2/2017	<0.005	<0.005	<0.005				
10/4/2017						<0.005	
3/14/2018					<0.005		<0.005
3/16/2018	<0.005		<0.005	<0.005			
3/19/2018		<0.005				<0.005	
9/12/2018					<0.005		<0.005
9/14/2018		<0.005	<0.005	<0.005			
9/17/2018	<0.005 (D)					<0.005	
3/13/2019							<0.005
3/14/2019				<0.005			
3/15/2019					<0.005		
3/19/2019			<0.005				
3/20/2019	<0.005	<0.005				<0.005	
9/9/2019					<0.005		<0.005
9/12/2019	<0.005	<0.005 (D)					
9/13/2019			<0.005			<0.005	
3/9/2020				<0.005	<0.005		<0.005
3/11/2020	<0.005	<0.005	<0.005			<0.005	
9/10/2020					<0.005		
9/11/2020							<0.005
9/15/2020	<0.005	<0.005	<0.005				
9/16/2020				<0.005			
3/10/2021							<0.005
3/12/2021					<0.005		
3/16/2021	<0.005		<0.005	<0.005			
3/17/2021		<0.005					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/29/2021						<0.005	
8/4/2021					<0.005		<0.005
8/6/2021				<0.005			
8/9/2021	<0.005	<0.005	<0.005			<0.005	
1/31/2022					<0.005		<0.005
2/1/2022	<0.005	<0.005	<0.005				
2/2/2022				<0.005		<0.005	
8/10/2022					<0.005		
8/12/2022							<0.005
8/16/2022	<0.005	<0.005	<0.005	<0.005		<0.005	
2/13/2023					<0.005		<0.005
2/14/2023				<0.005			
2/16/2023	<0.005	<0.005	<0.005				
2/17/2023						<0.005	
7/25/2023				<0.005			
7/26/2023					<0.005		<0.005
7/27/2023	<0.005	<0.005	<0.005				
8/1/2023						<0.005	
2/19/2024				<0.005	<0.005		<0.005
2/22/2024	<0.005	<0.005				<0.005	
2/26/2024			<0.005				
8/1/2024				<0.005	<0.005		<0.005
8/6/2024			<0.005				
8/7/2024	<0.005	<0.005					
8/8/2024						<0.005	
2/25/2025					<0.005		<0.005
2/26/2025				<0.005		<0.005	
2/27/2025	<0.005	<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.005
4/23/2009							<0.005
10/6/2009							<0.005
4/27/2010							<0.005
9/30/2010							<0.005
4/14/2011							<0.005
10/5/2011							<0.005
4/11/2012							<0.005
10/2/2012							<0.005
4/9/2013							<0.005
10/15/2013							<0.005
4/10/2014							0.0025 (J)
10/1/2014							<0.005
3/30/2015							<0.005
10/11/2015							<0.005
3/11/2016			<0.005	<0.005	<0.005		
3/15/2016	<0.005	<0.005					
3/28/2016							<0.005
5/12/2016	<0.005						
5/13/2016		<0.005		<0.005	<0.005		
5/16/2016			<0.005				
7/19/2016				<0.005	<0.005		
7/20/2016	<0.005						
7/21/2016		<0.005					
7/22/2016			<0.005				
8/1/2016							0.0004 (J)
9/15/2016	<0.005						
9/16/2016				<0.005	<0.005		
9/19/2016			<0.005				
9/21/2016		<0.005					
11/2/2016				<0.005	<0.005		
11/3/2016	<0.005	<0.005	<0.005				
1/17/2017		<0.005	<0.005				
1/18/2017	<0.005			<0.005	<0.005		
3/24/2017	<0.005						
3/27/2017		<0.005	<0.005				
3/28/2017				<0.005	<0.005		
4/7/2017						<0.005	0.0005 (J)
9/22/2017				<0.005	<0.005		
9/25/2017	<0.005	<0.005					
9/26/2017			<0.005				
10/2/2017							0.0006 (J)
10/3/2017						<0.005 (D)	
3/14/2018	<0.005	<0.005	<0.005	<0.005			
3/15/2018					<0.005		
3/16/2018							<0.005
3/21/2018						<0.005	
9/12/2018	<0.005	<0.005		<0.005	<0.005		
9/14/2018			<0.005				
9/17/2018							<0.005
9/18/2018						<0.005	
3/13/2019				<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/14/2019	<0.005	<0.005	<0.005				
3/19/2019							<0.005
3/21/2019						<0.005 (D)	
9/10/2019	<0.005 (D)	<0.005	<0.005				
9/11/2019				<0.005	<0.005		
9/12/2019						<0.005 (D)	
9/13/2019							0.00045 (J)
3/6/2020	<0.005		<0.005				
3/9/2020		<0.005		<0.005	<0.005		
3/11/2020							0.00039 (J)
3/12/2020						<0.005	
9/10/2020	<0.005	<0.005	<0.005				
9/11/2020				<0.005			
9/14/2020					<0.005		
9/16/2020							0.00042 (J)
9/17/2020						<0.005	
3/10/2021		<0.005					
3/11/2021	<0.005		<0.005	<0.005	<0.005		
3/16/2021						<0.005	
3/17/2021							0.00044 (J)
8/4/2021	<0.005	<0.005	<0.005				
8/5/2021					<0.005		
8/6/2021				<0.005			
8/9/2021							<0.005
8/10/2021						<0.005	
1/31/2022	<0.005	<0.005	<0.005	<0.005	<0.005		
2/1/2022							<0.005
2/3/2022						<0.005	
8/10/2022			<0.005		<0.005		
8/11/2022	<0.005	<0.005		<0.005			
8/16/2022							<0.005
8/17/2022						<0.005	
2/13/2023	<0.005	<0.005	<0.005		<0.005		
2/14/2023				<0.005			
2/16/2023							<0.005
2/17/2023						<0.005	
7/25/2023	<0.005	<0.005		<0.005	<0.005		
7/26/2023			<0.005				
7/28/2023						<0.005	0.00044 (J)
2/19/2024	<0.005	<0.005					
2/20/2024			<0.005	<0.005	<0.005		
2/22/2024							0.00052 (J)
2/27/2024						<0.005	
8/1/2024	<0.005	<0.005	<0.005				
8/2/2024				<0.005	<0.005		
8/8/2024						<0.005	0.00056 (J)
2/25/2025	<0.005	<0.005	<0.005	<0.005	<0.005		
2/27/2025							0.00061 (J)
2/28/2025						<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/1/2007		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/18/2007				<0.005	<0.005		
11/19/2007						<0.005	<0.005
11/20/2007		<0.005	<0.005				
1/16/2008						<0.005	
1/30/2008		<0.005	<0.005	<0.005	<0.005		
1/31/2008							<0.005
3/5/2008				<0.005		0.0046	<0.005
3/6/2008		<0.005	<0.005		<0.005		
5/7/2008				<0.005	<0.005		
5/8/2008			<0.005				
5/12/2008		<0.005					<0.005
5/13/2008						<0.005	
12/12/2008	<0.0025						
12/13/2008		<0.005				<0.005	<0.005
12/14/2008			<0.005	<0.005	<0.005		
4/16/2009						<0.005	
4/23/2009	<0.0025						
4/28/2009							<0.005
4/29/2009		<0.005	<0.005	<0.005	<0.005		
10/6/2009	0.0048						
10/20/2009		<0.005					
10/21/2009			<0.005			<0.005	<0.005
10/22/2009				<0.005	<0.005		
4/21/2010			<0.005	<0.005	<0.005		
4/26/2010		<0.005					
4/27/2010						<0.005	
4/28/2010							<0.005
5/3/2010	<0.0025						
9/28/2010			<0.005	<0.005			
9/29/2010		<0.005			<0.005		
10/5/2010						<0.005	<0.005
10/11/2010	<0.0025						
4/12/2011			<0.005	<0.005			
4/13/2011		<0.005			<0.005		
4/19/2011						<0.005	<0.005
4/27/2011	0.004						
10/4/2011			<0.005	<0.005	<0.005		
10/5/2011		<0.005					
10/12/2011						<0.005	
10/18/2011							<0.005
10/19/2011	<0.0025						
4/3/2012			<0.005	<0.005			
4/4/2012		<0.005			<0.005		
4/24/2012						<0.005	
4/25/2012							<0.005
5/1/2012	<0.0025						
10/2/2012	<0.0025					<0.005	<0.005
10/3/2012		<0.005		<0.005	<0.005		
10/8/2012			<0.005				
4/2/2013						<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		<0.005	<0.005	<0.005	<0.005		
4/10/2013	<0.0025						
10/8/2013							<0.005
10/9/2013				<0.005	<0.005	<0.005	
10/15/2013		<0.005	<0.005				
10/16/2013	0.0034						
4/1/2014						<0.005	<0.005
4/2/2014				<0.005	<0.005		
4/9/2014		<0.005	<0.005				
4/22/2014	0.0034						
10/1/2014	0.0012 (J)						<0.005
10/2/2014		<0.005	<0.005	<0.005	<0.005	<0.005	
3/30/2015	0.003						
4/1/2015				<0.005	<0.005	<0.005	<0.005
4/2/2015		<0.005	<0.005				
10/10/2015		<0.005					
10/11/2015	0.0018 (J)			<0.005	<0.005		
10/12/2015			<0.005				
10/14/2015						<0.005	
10/15/2015							<0.005
3/28/2016	0.0022 (J)						
3/31/2016		<0.005	<0.005				
4/4/2016				<0.005	<0.005	<0.005	<0.005
8/1/2016	0.0016 (J)						
8/3/2016			<0.005	<0.005		<0.005	
8/4/2016					<0.005		<0.005
8/5/2016		<0.005					
4/3/2017	0.0022 (J)						
4/10/2017		<0.005	<0.005	<0.005	<0.005		
4/11/2017						<0.005	
4/12/2017							<0.005
10/2/2017	0.0021 (J)						
10/4/2017		<0.005	<0.005	<0.005	<0.005	<0.005	
10/9/2017							<0.005
3/16/2018	0.0023 (J)						
3/20/2018		<0.005					
3/21/2018			<0.005	<0.005			<0.005
3/22/2018					<0.005	<0.005	
9/18/2018	0.0017 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	
9/19/2018							<0.005
3/19/2019	0.0017 (J)						
3/22/2019		<0.005	<0.005				
3/23/2019				<0.005	<0.005	<0.005	<0.005
9/12/2019	0.0028 (J)						
9/17/2019		<0.005	<0.005	<0.005	<0.005	<0.005 (D)	
9/18/2019							<0.005
3/11/2020	0.0013 (J)						
3/12/2020		<0.005	<0.005	<0.005	<0.005	<0.005	
3/13/2020							<0.005
9/15/2020	0.0012 (J)						
9/17/2020		<0.005	<0.005				
9/21/2020				<0.005	<0.005	<0.005	

Time Series

Constituent: Silver (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							<0.005
3/17/2021	0.0026 (J)						
3/18/2021		<0.005	<0.005				<0.005
3/19/2021				<0.005	<0.005	<0.005	
8/9/2021	0.0015 (J)						
8/10/2021		<0.005					
8/11/2021			<0.005	<0.005	<0.005	<0.005	<0.005
2/2/2022	0.0012 (J)					<0.005	
2/4/2022		<0.005	<0.005	<0.005	<0.005		
2/17/2022							<0.005
8/17/2022	0.0021 (J)	<0.005					
8/18/2022			<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2023	0.0011 (J)						
2/20/2023		<0.005	<0.005	<0.005	<0.005		
2/21/2023						<0.005	
2/22/2023							<0.005
7/28/2023	0.00091 (J)						
7/31/2023		<0.005	<0.005				
8/1/2023				<0.005	<0.005	<0.005	<0.005
2/22/2024	0.0013 (J)						
2/27/2024		<0.005	<0.005			<0.005	<0.005
2/28/2024				<0.005	<0.005		
8/8/2024	0.0011 (J)						
8/12/2024		<0.005	<0.005		<0.005	<0.005	<0.005
8/13/2024				<0.005			
2/28/2025	0.0016 (J)	<0.005					
3/3/2025			<0.005		<0.005		<0.005
3/4/2025				<0.005		<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.005						
8/23/2007			<0.005				
8/24/2007		<0.005		<0.005			
11/1/2007	<0.005						
11/2/2007		<0.005	<0.005	<0.005			
11/17/2007		<0.005	<0.005				
11/18/2007				<0.005			
11/19/2007	<0.005						
1/15/2008		<0.005	<0.005	<0.005			
1/31/2008	<0.005						
3/5/2008	<0.005	<0.005					
3/6/2008			<0.005				
3/10/2008				<0.005			
5/7/2008	<0.005	<0.005	<0.005				
5/13/2008				<0.005			
12/2/2008		<0.005	<0.005	<0.005			
12/12/2008	<0.005						
4/16/2009		<0.005					
4/28/2009			<0.005	<0.005			
4/29/2009	0.0026						
10/19/2009			<0.005				
10/20/2009		<0.005		<0.005			
10/21/2009	<0.005						
4/20/2010		<0.005					
4/27/2010			<0.005	<0.005			
4/28/2010	<0.005						
9/29/2010		<0.005					
10/4/2010			<0.005				
10/5/2010				<0.005			
10/6/2010	<0.005						
4/12/2011		<0.005					
4/18/2011			<0.005				
4/19/2011				<0.005			
4/20/2011	<0.005						
10/4/2011		<0.005					
10/12/2011	<0.005		<0.005	<0.005			
4/4/2012		<0.005					
4/23/2012			<0.005				
4/25/2012	<0.005			<0.005			
10/2/2012	<0.005						
10/10/2012		<0.005	<0.005	<0.005			
4/2/2013	<0.005						
4/15/2013		<0.005	<0.005				
4/16/2013				<0.005			
10/8/2013	<0.005						
10/22/2013		<0.005	<0.005	<0.005			
4/1/2014	<0.005						
4/21/2014		<0.005	<0.005	<0.005			
9/30/2014		<0.005	<0.005	<0.005			
10/1/2014	<0.005						
3/31/2015	<0.005						
4/3/2015		<0.005	<0.005	<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.005			
10/7/2015		<0.005	<0.005				
10/14/2015	<0.005						
3/16/2016					<0.005	<0.005	<0.005
4/4/2016	<0.005						
4/5/2016		<0.005	<0.005	<0.005			
5/16/2016					<0.005	<0.005 (D)	<0.005 (D)
7/25/2016					<0.005	<0.005 (D)	<0.005 (D)
8/4/2016			<0.005				
8/9/2016		<0.005					
9/19/2016					<0.005	<0.005 (D)	<0.005 (D)
11/3/2016					<0.005		<0.005 (D)
11/4/2016						<0.005 (D)	
1/19/2017					<0.005		
1/20/2017							<0.005 (D)
1/23/2017						<0.005 (D)	
3/28/2017					<0.005		
3/29/2017						<0.005 (D)	<0.005 (D)
4/11/2017	<0.005	<0.005		<0.005			
4/12/2017			<0.005				
9/26/2017					<0.005		
9/27/2017						<0.005	<0.005
10/5/2017		<0.005					
10/6/2017	<0.005		<0.005	<0.005			
3/15/2018					<0.005	<0.005	<0.005
3/22/2018		<0.005					
3/23/2018	<0.005		<0.005	<0.005			
9/12/2018					<0.005		
9/13/2018						<0.005	<0.005
9/19/2018		<0.005	<0.005	<0.005			
9/20/2018	<0.005						
3/14/2019					<0.005	<0.005 (D)	<0.005 (D)
3/22/2019	<0.005	<0.005		<0.005			
3/25/2019			<0.005				
9/11/2019					<0.005	<0.005 (D)	<0.005 (D)
9/17/2019		<0.005	<0.005	<0.005			
9/18/2019	<0.005						
3/10/2020					<0.005	<0.005	<0.005
3/13/2020		<0.005	<0.005	<0.005			
3/17/2020	<0.005						
9/11/2020						<0.005	<0.005
9/15/2020					<0.005		
9/21/2020		<0.005	<0.005	<0.005			
9/22/2020	<0.005						
3/11/2021					<0.005	<0.005	<0.005
3/18/2021		<0.005	<0.005	<0.005			
3/19/2021	<0.005						
8/4/2021					<0.005		
8/6/2021						<0.005	<0.005
8/11/2021		<0.005	<0.005	<0.005			
8/12/2021	<0.005						
1/31/2022					<0.005		

Time Series

Constituent: Silver (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
2/1/2022						<0.005	<0.005
2/4/2022	<0.005	<0.005	<0.005				
2/7/2022				<0.005			
8/12/2022						<0.005	<0.005
8/15/2022					<0.005		
8/18/2022		<0.005					
8/19/2022	<0.005		<0.005	<0.005			
2/14/2023					<0.005	<0.005	<0.005
2/22/2023	<0.005	<0.005	<0.005	<0.005			
7/26/2023					<0.005	<0.005	<0.005
8/1/2023		<0.005		<0.005			
8/2/2023	<0.005		<0.005				
2/20/2024					<0.005	<0.005	<0.005
2/28/2024	<0.005	<0.005	<0.005	<0.005			
8/5/2024						<0.005	<0.005
8/6/2024					<0.005		
8/13/2024	<0.005	<0.005	<0.005	<0.005			
2/26/2025					<0.005	<0.005	<0.005
3/3/2025		<0.005	<0.005	<0.005			
3/4/2025	<0.005						

Time Series

Constituent: Silver (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							<0.005
10/25/2007							<0.005
11/19/2007							<0.005
1/23/2008							<0.005
3/11/2008							<0.005
5/12/2008							<0.005
12/11/2008							<0.005
4/15/2009							<0.005
10/9/2009							<0.005
5/4/2010							<0.005
10/12/2010							<0.005
4/28/2011							<0.005
10/19/2011							<0.005
5/2/2012							<0.005
10/9/2012							<0.005
4/11/2013							<0.005
10/16/2013							<0.005
4/23/2014							<0.005
10/3/2014							<0.005
3/31/2015							<0.005
10/12/2015							<0.005
3/10/2016	<0.005	<0.005	<0.005	<0.005			
3/17/2016					<0.005	<0.005	
3/28/2016							<0.005
5/17/2016	<0.005			<0.005			
5/18/2016		<0.005	<0.005		<0.005	<0.005	
7/26/2016	<0.005						
7/27/2016		<0.005	<0.005	<0.005	<0.005		
7/28/2016						<0.005	
8/1/2016							<0.005
9/20/2016	<0.005	<0.005	<0.005	<0.005			
9/21/2016					<0.005	<0.005	
11/4/2016	<0.005		<0.005	<0.005	<0.005		
11/7/2016		<0.005				<0.005	
1/20/2017	<0.005		<0.005				
1/23/2017		<0.005		<0.005			
1/24/2017					<0.005	<0.005	
3/28/2017	<0.005			<0.005			
3/29/2017		<0.005	<0.005		<0.005		
3/30/2017						<0.005	
4/3/2017							<0.005
9/27/2017		<0.005	<0.005				
9/29/2017	<0.005			<0.005	<0.005	<0.005	
10/3/2017							<0.005
3/15/2018	<0.005	<0.005		<0.005	<0.005	<0.005	
3/16/2018			<0.005				
3/19/2018							<0.005
9/13/2018	<0.005	<0.005	<0.005	<0.005	<0.005		
9/14/2018						<0.005	
9/17/2018							<0.005
3/15/2019		<0.005		<0.005			
3/18/2019	<0.005				<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/19/2019			<0.005			<0.005	
3/20/2019							<0.005
9/11/2019	<0.005		<0.005	<0.005 (D)	<0.005	<0.005	
9/12/2019		<0.005					
9/16/2019							<0.005
3/9/2020		<0.005	<0.005	<0.005		<0.005	
3/10/2020	<0.005						
3/11/2020					<0.005		
3/16/2020							<0.005
9/11/2020					<0.005		
9/14/2020	<0.005	<0.005		<0.005		<0.005	
9/15/2020			<0.005				
9/16/2020							<0.005
3/11/2021	<0.005	<0.005	<0.005	<0.005			
3/15/2021					<0.005	<0.005	
3/17/2021							<0.005
8/4/2021				<0.005			
8/5/2021	<0.005	<0.005	<0.005			<0.005	
8/9/2021							<0.005
8/11/2021					<0.005		
1/31/2022	<0.005			<0.005			
2/1/2022		<0.005	<0.005		<0.005	<0.005	
2/2/2022							<0.005
8/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
8/16/2022							<0.005
2/14/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
2/20/2023							<0.005
7/26/2023	<0.005			<0.005			
7/27/2023		<0.005	<0.005		<0.005	<0.005	
7/28/2023							<0.005
2/21/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
2/26/2024							<0.005
8/5/2024	<0.005	<0.005	<0.005	<0.005			
8/6/2024					<0.005	<0.005	
8/8/2024							<0.005
2/26/2025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
2/27/2025							<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.005					
8/23/2007						<0.005
10/25/2007	<0.005					
11/1/2007						<0.005
11/19/2007						<0.005
11/20/2007	<0.005					
1/15/2008						<0.005
1/23/2008	<0.005					
3/6/2008						<0.005
3/11/2008	<0.005					
5/13/2008						<0.005
5/14/2008	<0.005					
12/11/2008	<0.005					
12/12/2008						<0.005
4/16/2009						<0.005
4/23/2009	<0.005					
10/9/2009	<0.005					
10/13/2009						<0.005
4/21/2010						<0.005
5/4/2010	<0.005					
9/29/2010						<0.005
10/11/2010	<0.005					
4/13/2011						<0.005
4/26/2011	<0.005					
10/5/2011						<0.005
10/18/2011	<0.005			<0.005		
4/4/2012						<0.005
4/30/2012				<0.005		
5/2/2012	<0.005					
10/3/2012				<0.005		
10/8/2012	<0.005					<0.005
4/8/2013				<0.005		<0.005
4/10/2013	<0.005					
10/8/2013	<0.005					
10/9/2013				<0.005		<0.005
4/9/2014						<0.005
4/10/2014				<0.005		
4/14/2014	<0.005					
9/30/2014						<0.005
10/2/2014				<0.005		
10/3/2014	<0.005					
4/1/2015	<0.005					
4/2/2015						<0.005
4/3/2015				<0.005		
5/26/2015		<0.005			<0.005	
6/18/2015		<0.005 (D)			<0.005 (D)	
7/2/2015		<0.005			<0.005	
10/8/2015				<0.005	<0.005	
10/9/2015	<0.005	<0.005				
10/10/2015						<0.005 (D)
3/22/2016					<0.005	
3/29/2016	<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				<0.005		<0.005
8/1/2016	<0.005	<0.005				
8/2/2016			<0.005	<0.005	<0.005	
8/5/2016						<0.005
4/6/2017	<0.005	<0.005	<0.005	<0.005		<0.005
4/7/2017					<0.005	
10/3/2017	<0.005	<0.005	<0.005		<0.005	<0.005
10/4/2017				<0.005		
3/19/2018	<0.005					
3/20/2018		<0.005	<0.005		<0.005	<0.005
3/21/2018				<0.005		
9/17/2018	<0.005	<0.005				
9/18/2018			<0.005	<0.005	<0.005	<0.005 (D)
3/21/2019	<0.005	<0.005	<0.005			<0.005
3/27/2019				<0.005		
5/6/2019					<0.005	
9/13/2019			<0.005			
9/16/2019	<0.005	<0.005		<0.005 (D)	<0.005	<0.005
3/12/2020	<0.005	<0.005	<0.005	<0.005		<0.005
3/16/2020					<0.005	
9/16/2020	<0.005	<0.005	<0.005			
9/17/2020				<0.005	<0.005	<0.005
3/17/2021	<0.005	<0.005	<0.005	<0.005		
3/18/2021					<0.005	<0.005
8/10/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/2/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/17/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/17/2023	<0.005	<0.005				
2/20/2023			<0.005		<0.005	
2/21/2023				<0.005		<0.005
7/28/2023		<0.005				
7/31/2023	<0.005		<0.005	<0.005	<0.005	<0.005
2/26/2024	<0.005	<0.005	<0.005		<0.005	
2/27/2024				<0.005		<0.005
8/8/2024	<0.005	<0.005	<0.005			
8/12/2024				<0.005	<0.005	<0.005
2/27/2025	<0.005	<0.005	<0.005			
2/28/2025					<0.005	<0.005
3/4/2025				<0.005		

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2016					4.2598		
3/15/2016							1.2104
3/22/2016	2.3685						
3/23/2016		105.552	26.8249			0.8724 (J)	
5/11/2016					6.05		1.28
5/16/2016				2.4 (D)			
5/19/2016	2.14		3.81				
5/20/2016		44.3					
5/23/2016						0.805 (J)	
7/19/2016					9.5		
7/21/2016							0.91 (J)
7/27/2016				3.6 (D)			
7/29/2016	1.9	48	1.1			0.84 (J)	
9/15/2016					6.7		
9/19/2016							1.3
9/22/2016			0.96 (J)			0.94 (J)	
9/23/2016	2	43					
11/2/2016					5.4		
11/3/2016							1.5
11/9/2016	1.6	31					
11/10/2016			0.72 (J)			1.1	
1/17/2017							<1.2 (*)
1/18/2017					5.5		
1/30/2017	1.8						
1/31/2017		4.2	1.5			0.92 (J)	
2/21/2017				26 (D)			
3/24/2017							0.86 (J)
3/27/2017				10 (D)			
3/28/2017					2.9		
3/30/2017	1.6	53				0.77 (J)	
4/3/2017			1.3				
5/24/2017							1.2
6/7/2017					2.3		
6/8/2017				6.7 (D)			
6/9/2017	1.7		1.2				
6/12/2017		95				0.68 (J)	
7/17/2017				6.4 (D)			
7/27/2017				18 (D)			
8/9/2017				18 (D)			
9/26/2017					3.2		4.2
9/29/2017				21 (D)			
10/2/2017	1.8	3.5	1.7				
10/4/2017						0.5 (J)	
12/28/2017							7.4 (Y)
3/14/2018					3.8		3.8
3/16/2018	1.5		14.8 (J)	15.5			
3/19/2018		147				0.49 (J)	
9/12/2018					3.7		1.7
9/14/2018		7.7	2.1	11.6			
9/17/2018	1.3 (D)					0.36 (J)	
3/13/2019							2.1
3/14/2019				9.3			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/15/2019					3		
3/19/2019			32.5 (J)				
3/20/2019	1.5	3.6				0.38 (J)	
9/9/2019					2.4		1.6
9/10/2019				14			
9/12/2019	0.98 (J)	5.2					
9/13/2019			3.8			<1	
3/9/2020				5.8	0.84 (J)		1.2
3/11/2020	0.94 (J)	131	34.3			<1	
9/10/2020					0.95 (J)		
9/11/2020							1.3
9/15/2020	0.96 (J)	35.3	1				
9/16/2020				8.6			
3/10/2021							1.5
3/12/2021					2		
3/16/2021	0.99 (J)		3.3	3.5			
3/17/2021		90.7					
3/29/2021						5.4	
8/4/2021					1.3		1.4
8/6/2021				4.2			
8/9/2021	1.3	84.7	1.6			5	
1/31/2022					1.2		1.2
2/1/2022	0.93 (J)	86.1	1.5				
2/2/2022				4.5		3.4	
8/10/2022					1.3		
8/12/2022							1.2
8/16/2022	0.78 (J)	58.5	7.8	4.5		3.5	
2/13/2023					1.7		1.4
2/14/2023				6.3			
2/16/2023	1.1	115	38.9				
2/17/2023						2.5	
7/25/2023				4.9			
7/26/2023					1.5		1.4
7/27/2023	1.4	44	17.6				
8/1/2023						3	
2/19/2024				4	1.1		1.2
2/22/2024	1	82				1.9	
2/26/2024			20.9				
8/1/2024				3.3	1.2		1.5
8/6/2024			5.8				
8/7/2024	1.1	47.5					
8/8/2024						3.9	
2/25/2025					1.2		0.71 (J)
2/26/2025				2.4		1.7	
2/27/2025	0.88 (J)	74.4	41.5				

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/11/2016			1.4538	1.1313	3.8282		
3/15/2016	4.9347	6.4987					
3/28/2016							0.7283 (J)
5/12/2016	2.3						
5/13/2016		3.68		1.96	3.56		
5/16/2016			1.18				
5/23/2016							0.728 (J)
7/19/2016				1.3	5.6		
7/20/2016	2						
7/21/2016		4.5					
7/22/2016			1.8				
8/1/2016							0.78 (J)
9/15/2016	1.1						
9/16/2016				1.1	6.7		
9/19/2016			1.4				
9/21/2016		2.8					
9/26/2016							0.82 (J)
11/2/2016				1.2	8.1		
11/3/2016	1.6	6.7	1.6				
11/10/2016							0.92 (J)
1/17/2017		<1.1 (*)	<1.8 (*)				
1/18/2017	1.5			0.84 (J)	8.9		
1/30/2017							<1
2/22/2017						22 (D)	
3/24/2017	1.6						
3/27/2017		0.85 (J)	2				
3/28/2017				0.7 (J)	8.2		
4/7/2017						18 (D)	0.82 (J)
6/6/2017	4.1	6.1		0.47 (J)	7		
6/7/2017			1.9				
6/12/2017							0.78 (J)
6/14/2017						20 (D)	
7/12/2017						18 (D)	
7/20/2017						20 (D)	
7/28/2017						18 (D)	
8/9/2017						19 (D)	
8/24/2017						21 (D)	
9/22/2017				0.59 (J)	8.3		
9/25/2017	1.9	3.5					
9/26/2017			2				
10/2/2017							0.71 (J)
10/3/2017						25 (D)	
12/28/2017						26 (Y)	
3/14/2018	11.5	10.9 (J)	2.1	0.39 (J)			
3/15/2018					5.1		
3/16/2018							0.67 (J)
3/21/2018						25.4	
9/12/2018	1.8	3.7		0.3 (J)	5.6		
9/14/2018			1.6				
9/17/2018							0.47 (J)
9/18/2018						22.8	
3/13/2019				0.43 (X)	4.4		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/14/2019	6.2	8.9	2.2				
3/19/2019							0.52 (J)
3/21/2019						24.9 (D)	
9/10/2019	1.2	8.4	1.2				
9/11/2019				<1	5		
9/12/2019						16.5 (D)	
9/13/2019							0.55 (J)
3/6/2020	10		1.7				
3/9/2020		8.5		<1	3.9		
3/11/2020							<1
3/12/2020						20.8	
9/10/2020	1.7	5.9	0.95 (J)				
9/11/2020				<1			
9/14/2020					4.9		
9/16/2020							<1
9/17/2020						20.3	
3/10/2021		8.4					
3/11/2021	6.1		1.6	<1	4.3		
3/16/2021						22.1	
3/17/2021							<1
8/4/2021	1.7	6.4	1.4				
8/5/2021					2.9		
8/6/2021				<1			
8/9/2021							<1
8/10/2021						20.7	
1/31/2022	1.8	8.5	1.1	<1	2.5		
2/1/2022							<1
2/3/2022						20.7	
8/10/2022			1		2.5		
8/11/2022	1.9	4.7		<1			
8/16/2022							<1
8/17/2022						18.1	
2/13/2023	6	10.2	1.6		2.5		
2/14/2023				<1			
2/16/2023							<1
2/17/2023						21.2	
7/25/2023	1.1	3		<1	2.6		
7/26/2023			1.1				
7/28/2023						19.6	0.53 (J)
2/19/2024	4.2	9.6					
2/20/2024			1.2	<1	2.8		
2/22/2024							<1
2/27/2024						23.2	
8/1/2024	0.75 (J)	2.7	1.1				
8/2/2024				<1	3.2		
8/8/2024						12.2	0.53 (J)
2/25/2025	5	5.8	1.2	<1	2.1		
2/27/2025							<1
2/28/2025						22.4	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/28/2016	0.9594 (J)						
3/31/2016		1.17	1.5				
4/4/2016				2.57	2.99	0.3574 (J)	24.8
5/25/2016	1.59						
5/26/2016		1.01	1.51	2.5	2.68		
5/27/2016						<1	
5/31/2016							42.5
8/1/2016	1						
8/3/2016			1.4	3		0.35 (J)	
8/4/2016					3.6		91
8/5/2016		1.1					
9/26/2016	1.2						
9/28/2016		1	1.6	2.3	4.4		
9/29/2016							110
9/30/2016						0.47 (J)	
11/11/2016	1.2						
11/22/2016		1.8	1.6	3.8	3.8	0.36 (J)	
11/28/2016							120
1/30/2017	<1						
2/7/2017		1.7	2				
2/8/2017				3.1	2.7		
2/9/2017							150
2/13/2017						0.79 (J)	
4/3/2017	1.3						
4/10/2017		1.9	1.7	2.5	2.2		
4/11/2017						0.42 (J)	
4/12/2017							120
6/12/2017	1.1						
6/14/2017		1.1	1.4			0.3 (J)	
6/15/2017				2.5	2.3		
6/16/2017							120
10/2/2017	1.1						
10/4/2017		1.8	1.4	2.5	2.8	0.36 (J)	
10/9/2017							130
3/16/2018	0.87 (J)						
3/20/2018		1.4					
3/21/2018			1.1	2.4			59.1
3/22/2018					2.2	0.3 (J)	
9/18/2018	0.87 (J)	1.6	1.9	2.8	2.6	<1	
9/19/2018							64.5
3/19/2019	0.97 (J)						
3/22/2019		1.6	1.3				
3/23/2019				2.1	2.1	0.3 (J)	15.5 (J)
9/12/2019	0.8 (J)						
9/17/2019		1.2	1.6	2.6	2	<1 (D)	
9/18/2019							50.7
3/11/2020	0.85 (J)						
3/12/2020		1.3	0.99 (J)	1.8	1.5	<1	
3/13/2020							16.9
9/15/2020	0.54 (J)						
9/17/2020		0.87 (J)	0.95 (J)				
9/21/2020				2	1.8	<1	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							39.6
3/17/2021	0.86 (J)						
3/18/2021		1.2	0.96 (J)				19.3
3/19/2021				1.9	1.5	<1	
8/9/2021	0.77 (J)						
8/10/2021		1.3					
8/11/2021			1	1.4	1.5	<1	9.7
2/2/2022	0.53 (J)					<1	
2/4/2022		1.2	1.1	1.7	1.5		
2/17/2022							6.9
8/17/2022	0.55 (J)	1.1					
8/18/2022			1.5 (J)	1.6	1.9	<1	16
2/16/2023	0.58 (J)						
2/20/2023		1.5	1.5	1.7	1.8		
2/21/2023						<1	
2/22/2023							8.7
7/28/2023	0.71 (J)						
7/31/2023		1.6	1.3				
8/1/2023				2.1	1.9	<1	28.8
2/22/2024	<1						
2/27/2024		0.65 (J)	0.8 (J)			<1	20.2
2/28/2024				1.8	1.3		
8/8/2024	0.69 (J)						
8/12/2024		2.3	1.3		1.8	<1	32.8
8/13/2024				1 (J)			
2/28/2025	0.51 (J)	1.1					
3/3/2025			0.9 (J)		1.4		15.6
3/4/2025				1.6		<1	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/16/2016					14.7828	0.6294 (J)	2.8721
4/4/2016	17.5 (o)						
4/5/2016		1.65	7.45	10.1			
5/16/2016					10.2	0.5151 (JD)	2.27 (D)
5/31/2016			7.29	12.1			
6/1/2016	20.9 (o)	1.75					
7/25/2016					8.4	0.84 (J*D)	2.6 (D)
8/4/2016			7.6				
9/19/2016					2.5	0.72 (JD)	2.8 (D)
9/29/2016			6.1				
11/3/2016					3.3		2.6 (D)
11/4/2016						0.75 (JD)	
11/23/2016			10	1.3			
11/28/2016		2.7					
1/19/2017					3.2		
1/20/2017							2.8 (D)
1/23/2017						0.99 (JD)	
2/9/2017		2.7					
2/10/2017			6.7	4.2			
2/22/2017	48						
3/28/2017					16 (J)		
3/29/2017						1.5 (D)	3.1 (D)
4/11/2017	41	4.9		3.2			
4/12/2017			9.2				
6/5/2017					38		
6/7/2017						0.63 (J)	3.2
6/14/2017		2.4					
6/15/2017			9.2	2.5			
6/16/2017	33						
7/12/2017	58	4.1		6.9			
7/20/2017					48		
7/26/2017				2.9			
7/28/2017	55						
8/10/2017	66						
9/26/2017					18		
9/27/2017						1.2	2.5
10/5/2017		1.6					
10/6/2017	77		10	6.6			
3/15/2018					32.4	0.75 (J)	2.9
3/22/2018		2.5					
3/23/2018	75.8		10.6	1.6			
9/12/2018					16		
9/13/2018						1.3	2.3
9/19/2018		1.7	10.4	2.6			
9/20/2018	72.2						
3/14/2019					79.7 (O)	0.72 (XJD)	4.3 (D)
3/22/2019	57.9	6.2		2.1			
3/25/2019			11.2				
9/11/2019					19.8	<1 (D)	2.6 (D)
9/17/2019		6.1	13.1	1.6			
9/18/2019	68.1						
3/10/2020					48.5	0.61 (J)	5.2

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/13/2020		11.1	8.8	1.1			
3/17/2020	72.1						
9/11/2020						<1	2.8
9/15/2020					23.1		
9/21/2020		5.5	9	0.9 (J)			
9/22/2020	69.8						
3/11/2021					35.5	<1	4.2
3/18/2021		7.8	10.4	0.76 (J)			
3/19/2021	74.2						
8/4/2021					35.1		
8/6/2021						<1	4
8/11/2021		6.9	9.1	0.65 (J)			
8/12/2021	56.7						
1/31/2022					29.7		
2/1/2022						<1	6.1
2/4/2022	63.1	6.4	8.3				
2/7/2022				0.64 (J)			
8/12/2022						<1	3.6
8/15/2022					27.6		
8/18/2022		9.2					
8/19/2022	65.7		6.9	0.87 (J)			
2/14/2023					33.8	<1	10.1
2/22/2023	59.7	10.7	7.5	0.81 (J)			
7/26/2023					8.1	0.74 (J)	3.5
8/1/2023		6.6		0.73 (J)			
8/2/2023	55.5		4.7				
2/20/2024					18.6	<1	3.7
2/28/2024	58.7	6.8	5.3	<1			
8/5/2024						0.7 (J)	3.3
8/6/2024					3.8		
8/13/2024	55.6	7	1.9	<1			
2/26/2025					16.1	<1	3.3
3/3/2025		6.4	1.4	<1			
3/4/2025	51.8						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/10/2016	5.7554	3.4409	9.1279	2.6569			
3/17/2016					3.4197	5.3658	
3/28/2016							1.87
5/17/2016	8.67			2.39			
5/18/2016		4.09	10.1		3.06	4.44	
5/25/2016							1.41
7/26/2016	6.6						
7/27/2016		4	7	<1.6 (*)	2.6		
7/28/2016						9.9	
8/1/2016							1.5
9/20/2016	5.8	4.3	6.7	2.4			
9/21/2016					3.1	2.2	
9/27/2016							1.4
11/4/2016	6.1		7.9	2.1	3.1		
11/7/2016		4.1				2.2	
11/11/2016							1.5
1/20/2017	7		6.6				
1/23/2017		5.1		2.1			
1/24/2017					3	1.5	
1/31/2017							1.8
3/28/2017	7.7			2.1			
3/29/2017		5.2	6.2		2.5		
3/30/2017						1.7	
4/3/2017							1.5
6/7/2017	6.4						
6/8/2017		3.8	7.5	1.3	3.3		
6/9/2017						1.7	
6/12/2017							2.1
9/27/2017		4.3	7.5				
9/29/2017	8.4			3.7	4.2	2.2	
10/3/2017							1.4
12/28/2017				1.7 (Y)	3.8 (Y)		
3/15/2018	6.4	3.7		0.76 (J)	3.1	2.4	
3/16/2018			13.4				
3/19/2018							1.3
9/13/2018	7.2	4.8	11.6	1.6	3.6		
9/14/2018						2.4	
9/17/2018							1.3
3/15/2019		4.2		1.7			
3/18/2019	4.4				5.8		
3/19/2019			14.8			2.2	
3/20/2019							1.3
9/11/2019	7		10.7	0.86 (X)	5.7	1.5	
9/12/2019		4.7					
9/16/2019							1.2
3/9/2020		4.3	10.4	1.6		1.5	
3/10/2020	5.5						
3/11/2020					3.3		
3/16/2020							1.1
9/11/2020					2.1		
9/14/2020	6.9	4.3		5.4		1.2	
9/15/2020			9.6				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
9/16/2020							1.1
3/11/2021	6.7	4.7	10.4	15.4			
3/15/2021					2.6	1.5	
3/17/2021							1.1
5/26/2021				20.2			
8/4/2021				1.5			
8/5/2021	6	4.3	10.3			1.1	
8/9/2021							1.2
8/11/2021					2.4		
1/31/2022	5.2			1.2			
2/1/2022		4.3	9.4		2.5	0.93 (J)	
2/2/2022							1
8/15/2022	5.6	8.4 (J)	4.3	10.4	2.5	0.98 (J)	
8/16/2022							1
2/14/2023	4.7	4.3	12.7	3	1.8	0.84 (J)	
2/20/2023							1.4
7/26/2023	4			5.3			
7/27/2023		5	10.9		2.3	0.97 (J)	
7/28/2023							1.4
2/21/2024	3.9	5.9	6.8	8.5	1.8	0.57 (J)	
2/26/2024							1
8/5/2024	4.8	7	7.9	11.4			
8/6/2024					1.9	0.82 (J)	
8/8/2024							1.1
2/26/2025	3.2	7	9.6	14.8	1.4	0.51 (J)	
2/27/2025							0.74 (J)

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/22/2016					3.9321	
3/29/2016	3.5801	1.4863				
3/30/2016				1.9542		2
5/24/2016	2.79	1.62		0.989 (J)		
5/25/2016					2.68	
5/26/2016						2.93
5/31/2016			2.03			
8/1/2016	2.2	2.3				
8/2/2016			0.96 (J)	1	2.7	
8/5/2016						3.6
9/26/2016	1.8	2.4			2.9	
9/27/2016			0.87 (J)	0.95 (J)		
9/28/2016						3.2
11/14/2016		2.8				
11/18/2016	1.8					
11/21/2016			0.93 (J)		2.8	3.3
11/22/2016				1.1		
2/1/2017	2.8	2.6	0.76 (J)			
2/3/2017					2.7	
2/6/2017				0.96 (J)		1.3
4/6/2017	<2.5	<2.3	<1	<1		<1.2
4/7/2017					2.3	
6/13/2017	2.8	2.2	0.58 (J)		2	2
6/14/2017				0.97 (J)		
7/14/2017			0.04 (J)			
10/3/2017	2.6	2.6	0.87 (J)		1.9	2.8
10/4/2017				0.84 (J)		
3/19/2018	2.6					
3/20/2018		2.5	0.5 (J)		1.6	1.2
3/21/2018				1.2		
9/17/2018	2.2	2.5				
9/18/2018			0.65 (J)	0.9 (J)	1.6	2.6
3/21/2019	2.7	1.7	1.9			2.3
3/27/2019				1.5		
5/6/2019					2.1	
9/13/2019			0.76 (J)			
9/16/2019	2	1.6		0.69 (JD)	1	3
3/12/2020	2.1	1.4	1.7	1.8		1.1
3/16/2020					0.66 (J)	
9/16/2020	1.8	1.3	1.1			
9/17/2020				0.6 (J)	0.74 (J)	3.5
3/17/2021	2.2	1.8	1.3	0.72 (J)		
3/18/2021					1.1	2.1
8/10/2021	1.7	1.4	1.1	0.64 (J)	0.72 (J)	1.7
2/2/2022	1.7	1.5	1.3	0.72 (J)	0.72 (J)	2.5
8/17/2022	1.6	1.2	0.91 (J)	0.53 (J)	0.58 (J)	2.5
2/17/2023	2	1.8				
2/20/2023			1.7		1.1	
2/21/2023				1.7		3
7/28/2023		1.7				
7/31/2023	1.7		1.1	0.86 (J)	0.81 (J)	4.1
2/26/2024	1.7	1.5	0.98 (J)		0.63 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate, total (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
2/27/2024				0.66 (J)		3.1
8/8/2024	1.6	1.4	0.97 (J)			
8/12/2024				0.88 (J)	0.54 (J)	5.4
2/27/2025	1.4	1.1	0.69 (J)			
2/28/2025					0.52 (J)	6.5
3/4/2025				0.98 (J)		

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/30/2015			7E-05				
10/12/2015						<0.001	
10/13/2015	<0.001	<0.001	<0.001				
3/14/2016					<0.001		
3/15/2016							<0.001
3/22/2016	<0.001						
3/23/2016		<0.001	<0.001			<0.001	
5/11/2016					<0.001		<0.001
5/16/2016				<0.001 (D)			
5/19/2016	<0.001		<0.001				
5/20/2016		<0.001					
5/23/2016						<0.001	
7/19/2016					<0.001 (*)		
7/21/2016							<0.001
7/27/2016				0.0002 (JD)			
7/29/2016	<0.001	<0.001	<0.001			<0.001	
9/15/2016					<0.001		<0.001
9/22/2016			<0.001			<0.001	
9/23/2016	<0.001	<0.001					
11/2/2016					<0.001		
11/3/2016							<0.001
11/9/2016	<0.001	<0.001					
11/10/2016			<0.001			<0.001	
1/17/2017							<0.001
1/18/2017					<0.001		
1/30/2017	<0.001						
1/31/2017		<0.001	<0.001			<0.001	
2/21/2017				<0.001			
3/24/2017							<0.001
3/27/2017				<0.001 (D)			
3/28/2017					5E-05 (J)		
3/30/2017	<0.001	<0.001				<0.001	
4/3/2017			<0.001				
5/24/2017							<0.001
6/7/2017					<0.001		
6/8/2017				<0.001 (D)			
6/9/2017	<0.001		<0.001				
6/12/2017		<0.001				<0.001	
7/17/2017				<0.001 (D)			
7/27/2017				<0.001			
8/9/2017				<0.001			
9/26/2017					7E-05 (J)		<0.001
9/29/2017				<0.001 (D)			
10/2/2017	<0.001	<0.001	<0.001				
10/4/2017						<0.001	
3/14/2018					<0.001		<0.001
3/16/2018	<0.001		<0.001	<0.001			
3/19/2018		<0.001				<0.001	
9/12/2018					<0.001		<0.001
9/14/2018		<0.001	<0.001	<0.001			
9/17/2018	<0.001 (D)					<0.001	
3/13/2019							<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2019				<0.001			
3/15/2019					<0.001		
3/19/2019			<0.001				
3/20/2019	<0.001	<0.001				<0.001	
9/9/2019					<0.001		<0.001
9/12/2019	<0.001	<0.001 (D)					
9/13/2019			6.2E-05 (J)			<0.001	
3/9/2020				<0.001	<0.001		7.8E-05 (J)
3/11/2020	<0.001	<0.001	<0.001			<0.001	
9/10/2020					<0.001		
9/11/2020							<0.001
9/15/2020	<0.001	<0.001	<0.001				
9/16/2020				<0.001			
3/10/2021							<0.001
3/12/2021					<0.001		
3/16/2021	<0.001		<0.001	<0.001			
3/17/2021		<0.001					
3/29/2021						<0.001	
8/4/2021					<0.001		<0.001
8/6/2021				<0.001			
8/9/2021	<0.001	<0.001	<0.001			<0.001	
1/31/2022					<0.001		<0.001
2/1/2022	<0.001	<0.001	<0.001				
2/2/2022				<0.001		<0.001	
8/10/2022					<0.001		
8/12/2022							<0.001
8/16/2022	<0.001	<0.001	<0.001	<0.001		<0.001	
2/13/2023					<0.001		<0.001
2/14/2023				<0.001			
2/16/2023	<0.001	<0.001	<0.001				
2/17/2023						<0.001	
7/25/2023				<0.001			
7/26/2023					<0.001		<0.001
7/27/2023	<0.001	<0.001	<0.001				
8/1/2023						<0.001	
2/19/2024				<0.001	<0.001		<0.001
2/22/2024	<0.001	<0.001				<0.001	
2/26/2024			<0.001				
8/1/2024				<0.001	<0.001		<0.001
8/6/2024			<0.001				
8/7/2024	<0.001	<0.001					
8/8/2024						<0.001	
2/25/2025					<0.001		<0.001
2/26/2025				<0.001		<0.001	
2/27/2025	<0.001	<0.001	<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
10/11/2015							<0.001
3/11/2016			<0.001	<0.001	<0.001		
3/15/2016	<0.001	<0.001					
3/28/2016							<0.001
5/12/2016	<0.001						
5/13/2016		<0.001		<0.001	<0.001		
5/16/2016			<0.001				
5/23/2016							<0.001
7/19/2016				<0.001 (*)	<0.001		
7/20/2016	<0.001						
7/21/2016		<0.001					
7/22/2016			0.0002 (J)				
8/1/2016							<0.001
9/15/2016	<0.001						
9/16/2016				<0.001	<0.001		
9/19/2016			<0.001				
9/21/2016		<0.001					
9/26/2016							<0.001
11/2/2016				<0.001	<0.001		
11/3/2016	<0.001	<0.001	<0.001				
11/10/2016							<0.001
1/17/2017		<0.001	<0.001				
1/18/2017	<0.001			<0.001	<0.001		
1/30/2017							<0.001
2/22/2017						<0.001	
3/24/2017	<0.001						
3/27/2017		<0.001	<0.001				
3/28/2017				5E-05 (J)	<0.001		
4/7/2017						<0.001	<0.001
6/6/2017	<0.001	0.0002 (J)		<0.001	<0.001		
6/7/2017			<0.001				
6/12/2017							<0.001
6/14/2017						<0.001 (D)	
7/12/2017						<0.001 (D)	
7/20/2017						<0.001 (D)	
7/28/2017						<0.001	
8/9/2017						<0.001	
8/24/2017						<0.001	
9/22/2017				<0.001	<0.001		
9/25/2017	<0.001	<0.001					
9/26/2017			<0.001				
10/2/2017							<0.001
10/3/2017						<0.001 (D)	
3/14/2018	<0.001	<0.001	<0.001	<0.001			
3/15/2018					<0.001		
3/16/2018							<0.001
3/21/2018						<0.001	
9/12/2018	<0.001	<0.001		<0.001	<0.001		
9/14/2018			<0.001				
9/17/2018							<0.001
9/18/2018						<0.001	
3/13/2019				<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/14/2019	<0.001	<0.001	<0.001				
3/19/2019							<0.001
3/21/2019						<0.001 (D)	
9/10/2019	<0.001 (D)	<0.001	<0.001				
9/11/2019				6.2E-05 (J)	<0.001		
9/12/2019						<0.001 (D)	
9/13/2019							<0.001
3/6/2020	<0.001		8.6E-05 (J)				
3/9/2020		6.1E-05 (J)		<0.001	<0.001		
3/11/2020							<0.001
3/12/2020						<0.001	
9/10/2020	<0.001	<0.001	<0.001				
9/11/2020				<0.001			
9/14/2020					<0.001		
9/16/2020							<0.001
9/17/2020						<0.001	
3/10/2021		<0.001					
3/11/2021	<0.001		<0.001	<0.001	<0.001		
3/16/2021						<0.001	
3/17/2021							<0.001
8/4/2021	<0.001	<0.001	<0.001				
8/5/2021					<0.001		
8/6/2021				<0.001			
8/9/2021							<0.001
8/10/2021						<0.001	
1/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001		
2/1/2022							<0.001
2/3/2022						<0.001	
8/10/2022			<0.001		<0.001		
8/11/2022	<0.001	<0.001		<0.001			
8/16/2022							<0.001
8/17/2022						<0.001	
2/13/2023	<0.001	<0.001	<0.001		<0.001		
2/14/2023				<0.001			
2/16/2023							<0.001
2/17/2023						<0.001	
7/25/2023	<0.001	<0.001		<0.001	<0.001		
7/26/2023			<0.001				
7/28/2023						<0.001	<0.001
2/19/2024	<0.001	<0.001					
2/20/2024			<0.001	<0.001	<0.001		
2/22/2024							<0.001
2/27/2024						<0.001	
8/1/2024	<0.001	<0.001	<0.001				
8/2/2024				<0.001	<0.001		
8/8/2024						<0.001	<0.001
2/25/2025	<0.001	<0.001	<0.001	<0.001	<0.001		
2/27/2025							<0.001
2/28/2025						<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
10/10/2015		<0.001					
10/11/2015	<0.001			<0.001	0.0002		
10/12/2015			<0.001				
10/14/2015						<0.001	
10/15/2015							<0.001
3/28/2016	<0.001						
3/31/2016		<0.001	<0.001				
4/4/2016				<0.001	<0.001	<0.001	<0.001
5/25/2016	<0.001						
5/26/2016		<0.001	<0.001	<0.001	<0.001		
5/27/2016						<0.001	
5/31/2016							<0.001
8/1/2016	<0.001						
8/3/2016			0.0001 (J)	<0.001		<0.001	
8/4/2016					<0.001		<0.001
8/5/2016		<0.001					
9/26/2016	<0.001						
9/28/2016		<0.001	<0.001	<0.001	<0.001		
9/29/2016							<0.001
9/30/2016						<0.001	
11/11/2016	<0.001						
11/22/2016		<0.001	<0.001	<0.001	<0.001	<0.001	
11/28/2016							<0.001
1/30/2017	<0.001						
2/7/2017		<0.001	<0.001				
2/8/2017				<0.001	<0.001		
2/9/2017							<0.001
2/13/2017						<0.001	
4/3/2017	<0.001						
4/10/2017		<0.001	<0.001	<0.001	<0.001		
4/11/2017						<0.001	
4/12/2017							<0.001
6/12/2017	<0.001						
6/14/2017		<0.001	<0.001			<0.001	
6/15/2017				<0.001	<0.001		
6/16/2017							<0.001
10/2/2017	<0.001						
10/4/2017		<0.001	<0.001	<0.001	<0.001	<0.001	
10/9/2017							<0.001
3/16/2018	<0.001						
3/20/2018		<0.001					
3/21/2018			<0.001	<0.001			<0.001
3/22/2018					<0.001	<0.001	
9/18/2018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
9/19/2018							<0.001
3/19/2019	<0.001						
3/22/2019		<0.001	<0.001				
3/23/2019				<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001						
9/17/2019		<0.001	<0.001	<0.001	<0.001	<0.001 (D)	
9/18/2019							<0.001
3/11/2020	5.9E-05 (J)						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/12/2020		<0.001	5.4E-05 (J)	<0.001	<0.001	<0.001	
3/13/2020							<0.001
9/15/2020	<0.001						
9/17/2020		<0.001	<0.001				
9/21/2020				<0.001	<0.001	<0.001	
9/22/2020							<0.001
3/17/2021	<0.001						
3/18/2021		<0.001	<0.001				<0.001
3/19/2021				<0.001	<0.001	<0.001	
8/9/2021	<0.001						
8/10/2021		<0.001					
8/11/2021			<0.001	<0.001	<0.001	<0.001	<0.001
2/2/2022	<0.001					<0.001	
2/4/2022		<0.001	<0.001	<0.001	<0.001		
2/17/2022							<0.001
8/17/2022	<0.001	<0.001					
8/18/2022			<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2023	<0.001						
2/20/2023		<0.001	<0.001	<0.001	<0.001		
2/21/2023						<0.001	
2/22/2023							<0.001
7/28/2023	<0.001						
7/31/2023		<0.001	<0.001				
8/1/2023				<0.001	<0.001	<0.001	<0.001
2/22/2024	<0.001						
2/27/2024		<0.001	<0.001			<0.001	<0.001
2/28/2024				<0.001	<0.001		
8/8/2024	<0.001						
8/12/2024		<0.001	<0.001		<0.001	<0.001	<0.001
8/13/2024				<0.001			
2/28/2025	<0.001	<0.001					
3/3/2025			<0.001		<0.001		<0.001
3/4/2025				<0.001		<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				0.0005 (D)			
10/7/2015		<0.001 (D)	<0.001 (D)				
10/14/2015	<0.001						
3/16/2016					<0.001	<0.001	<0.001
4/4/2016	<0.001						
4/5/2016		<0.001	<0.001	0.00036 (J)			
5/16/2016					<0.001	<0.001 (D)	<0.001 (D)
5/31/2016			<0.001	0.000373 (J)			
6/1/2016	<0.001	<0.001					
7/25/2016					<0.001	<0.001 (D)	<0.001 (D)
8/4/2016			<0.001				
8/9/2016		<0.001					
9/19/2016					<0.001	<0.001 (D)	<0.001 (D)
9/29/2016			<0.001				
11/3/2016					<0.001		<0.001 (D)
11/4/2016						<0.001 (D)	
11/23/2016			<0.001	<0.001			
11/28/2016		<0.001					
1/19/2017					<0.001		
1/20/2017							<0.001 (D)
1/23/2017						<0.001 (D)	
2/9/2017		<0.001					
2/10/2017			<0.001	<0.001			
2/22/2017	<0.001						
3/28/2017					5E-05 (J)		
3/29/2017						<0.001 (D)	<0.001 (D)
4/11/2017	<0.001	<0.001		<0.001			
4/12/2017			<0.001				
6/5/2017					5E-05 (J)		
6/7/2017						<0.001	<0.001
6/14/2017		<0.001					
6/15/2017			<0.001	<0.001			
6/16/2017	<0.001						
7/12/2017	6E-05 (J)	<0.001		<0.001			
7/26/2017				<0.001			
7/28/2017	<0.001						
8/10/2017	<0.001						
9/26/2017					<0.001		
9/27/2017						<0.001	<0.001
10/5/2017		<0.001					
10/6/2017	<0.001		<0.001	<0.001			
3/15/2018					<0.001	<0.001	<0.001
3/22/2018		<0.001					
3/23/2018	<0.001		<0.001	<0.001			
9/12/2018					<0.001		
9/13/2018						<0.001	<0.001
9/19/2018		<0.001	<0.001	<0.001			
9/20/2018	<0.001						
3/14/2019					<0.001	<0.001 (D)	<0.001 (D)
3/22/2019	<0.001	<0.001		<0.001			
3/25/2019			<0.001				
9/11/2019					<0.001	<0.001 (D)	<0.001 (D)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
9/17/2019		<0.001	<0.001	<0.001			
9/18/2019	<0.001						
3/10/2020					<0.001	<0.001	<0.001
3/13/2020		<0.001	<0.001	<0.001			
3/17/2020	<0.001						
9/11/2020						<0.001	<0.001
9/15/2020					<0.001		
9/21/2020		<0.001	<0.001	<0.001			
9/22/2020	<0.001						
3/11/2021					<0.001	<0.001	<0.001
3/18/2021		<0.001	<0.001	<0.001			
3/19/2021	<0.001						
8/4/2021					<0.001		
8/6/2021						<0.001	<0.001
8/11/2021		<0.001	<0.001	<0.001			
8/12/2021	<0.001						
1/31/2022					<0.001		
2/1/2022						<0.001	<0.001
2/4/2022	<0.001	<0.001	<0.001				
2/7/2022				<0.001			
8/12/2022						<0.001	<0.001
8/15/2022					<0.001		
8/18/2022		<0.001					
8/19/2022	<0.001		<0.001	<0.001			
2/14/2023					<0.001	<0.001	<0.001
2/22/2023	<0.001	<0.001	<0.001	<0.001			
7/26/2023					<0.001	<0.001	<0.001
8/1/2023		<0.001		<0.001			
8/2/2023	<0.001		<0.001				
2/20/2024					<0.001	<0.001	<0.001
2/28/2024	<0.001	<0.001	<0.001	<0.001			
8/5/2024						<0.001	<0.001
8/6/2024					<0.001		
8/13/2024	<0.001	<0.001	<0.001	<0.001			
2/26/2025					<0.001	<0.001	<0.001
3/3/2025		<0.001	<0.001	<0.001			
3/4/2025	<0.001						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
10/12/2015							<0.001
3/10/2016	<0.001	<0.001	0.00116	<0.001			
3/17/2016					<0.001	<0.001	
3/28/2016							<0.001
5/17/2016	<0.001			<0.001			
5/18/2016		<0.001	0.000768 (J)		<0.001	<0.001	
5/25/2016							<0.001
7/26/2016	7E-05 (J)						
7/27/2016		9E-05 (J)	0.0004 (J)	9E-05 (J)	0.0001 (J)		
7/28/2016						<0.001	
8/1/2016							<0.001
9/20/2016	<0.001	<0.001	0.0004 (J)	<0.001			
9/21/2016					<0.001	<0.001	
9/27/2016							<0.001
11/4/2016	<0.001		0.0003 (J)	<0.001	<0.001		
11/7/2016		<0.001				<0.001	
11/11/2016							<0.001
1/20/2017	<0.001		0.0003 (J)				
1/23/2017		<0.001		<0.001			
1/24/2017					<0.001	<0.001	
1/31/2017							<0.001
3/28/2017	7E-05 (J)			6E-05 (J)			
3/29/2017		7E-05 (J)	0.0003 (J)		<0.001		
3/30/2017						5E-05 (J)	
4/3/2017							<0.001
6/7/2017	6E-05 (J)						
6/8/2017		<0.001	0.0003 (J)	8E-05 (J)	<0.001		
6/9/2017						<0.001	
6/12/2017							<0.001
9/27/2017		6E-05 (J)	0.0003 (J)				
9/29/2017	6E-05 (J)			9E-05 (J)	<0.001	<0.001	
10/3/2017							<0.001
3/15/2018	<0.001	<0.001		<0.001	<0.001	<0.001	
3/16/2018			0.00036 (J)				
3/19/2018							<0.001
9/13/2018	<0.001	<0.001	0.00021 (J)	<0.001	<0.001		
9/14/2018						<0.001	
9/17/2018							<0.001
3/15/2019		<0.001		<0.001			
3/18/2019	<0.001				<0.001		
3/19/2019			0.00027 (J)			<0.001	
3/20/2019							<0.001
9/11/2019	<0.001		0.00023 (J)	0.000115 (JD)	<0.001	<0.001	
9/12/2019		<0.001					
9/16/2019							8.4E-05 (J)
3/9/2020		<0.001	0.00021 (J)	9E-05 (J)		<0.001	
3/10/2020	<0.001						
3/11/2020					<0.001		
3/16/2020							<0.001
9/11/2020					<0.001		
9/14/2020	<0.001	<0.001		<0.001		<0.001	
9/15/2020			0.00016 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
9/16/2020							<0.001
3/11/2021	<0.001	<0.001	<0.001	<0.001			
3/15/2021					<0.001	<0.001	
3/17/2021							<0.001
8/4/2021				<0.001			
8/5/2021	<0.001	<0.001	<0.001			<0.001	
8/9/2021							<0.001
8/11/2021					<0.001		
1/31/2022	<0.001			<0.001			
2/1/2022		<0.001	<0.001		<0.001	<0.001	
2/2/2022							<0.001
8/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
8/16/2022							<0.001
2/14/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/20/2023							<0.001
7/26/2023	<0.001			<0.001			
7/27/2023		0.0002 (J)	0.0002 (J)		<0.001	<0.001	
7/28/2023							<0.001
2/21/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/26/2024							<0.001
8/5/2024	<0.001	<0.001	<0.001	<0.001			
8/6/2024					<0.001	<0.001	
8/8/2024							<0.001
2/26/2025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/27/2025							<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
10/8/2015				<0.001 (D)	0.0001 (D)	
10/9/2015	<0.001	<0.001				
10/10/2015						<0.001
3/22/2016					<0.001	
3/29/2016	<0.001	<0.001				
3/30/2016				<0.001		<0.001
5/24/2016	<0.001	<0.001		<0.001		
5/25/2016					<0.001	
5/26/2016						<0.001
5/31/2016			<0.001			
8/1/2016	<0.001	<0.001				
8/2/2016			<0.001	<0.001	<0.001	
8/5/2016						<0.001
9/26/2016	<0.001	<0.001			<0.001	
9/27/2016			<0.001	<0.001		
9/28/2016						<0.001
11/14/2016		<0.001				
11/18/2016	<0.001					
11/21/2016			<0.001		<0.001	<0.001
11/22/2016				<0.001		
2/1/2017	<0.001	<0.001	<0.001			
2/3/2017					<0.001	
2/6/2017				<0.001		<0.001
4/6/2017	5E-05 (J)	<0.001	<0.001	<0.001		<0.001
4/7/2017					<0.001	
6/13/2017	<0.001	<0.001	<0.001		7E-05 (J)	<0.001
6/14/2017				<0.001		
7/14/2017			<0.001			
10/3/2017	<0.001	<0.001	<0.001		<0.001	<0.001
10/4/2017				<0.001		
3/19/2018	<0.001					
3/20/2018		<0.001	<0.001		<0.001	<0.001
3/21/2018				<0.001		
9/17/2018	<0.001	<0.001				
9/18/2018			<0.001	<0.001	<0.001	<0.001 (D)
3/21/2019	<0.001	<0.001	<0.001			<0.001
3/27/2019				<0.001		
5/6/2019					<0.001	
9/13/2019			5.7E-05 (J)			
9/16/2019	<0.001	<0.001		<0.001 (D)	<0.001	<0.001
3/12/2020	<0.001	<0.001	0.00022 (J)	<0.001		<0.001
3/16/2020					<0.001	
9/16/2020	<0.001	<0.001	0.00019 (J)			
9/17/2020				<0.001	<0.001	<0.001
3/17/2021	<0.001	<0.001	0.00015 (J)	<0.001		
3/18/2021					<0.001	<0.001
8/10/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/2/2022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/17/2022	<0.001	<0.001	0.00024 (J)	<0.001	<0.001	<0.001
2/17/2023	<0.001	<0.001				
2/20/2023			<0.001		<0.001	
2/21/2023				<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
7/28/2023		<0.001				
7/31/2023	<0.001		<0.001	<0.001	<0.001	<0.001
2/26/2024	<0.001	<0.001	<0.001		<0.001	
2/27/2024				<0.001		<0.001
8/8/2024	<0.001	<0.001	<0.001			
8/12/2024				<0.001	<0.001	<0.001
2/27/2025	<0.001	<0.001	<0.001			
2/28/2025					<0.001	<0.001
3/4/2025				<0.001		

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/14/2016					106		
3/15/2016							107
3/22/2016	150						
3/23/2016		259	174			<25	
5/11/2016					58		80
5/16/2016				114 (D)			
5/19/2016	150		93				
5/20/2016		122					
5/23/2016						<25	
7/19/2016					46		
7/21/2016							76
7/27/2016				107 (D)			
7/29/2016	146	156	68			17 (J)	
9/15/2016					41		
9/19/2016							108
9/22/2016			91			33	
9/23/2016	163	150					
11/2/2016					37		
11/3/2016							90
11/9/2016	147	87					
11/10/2016			96			41	
1/17/2017							128
1/18/2017					29		
1/30/2017	127						
1/31/2017		63	206			58	
2/21/2017				229 (D)			
3/24/2017							91
3/27/2017				239 (D)			
3/28/2017					40		
3/30/2017	137	112				<25	
4/3/2017			118				
5/24/2017							152
6/8/2017				179 (D)			
6/9/2017	164		87				
6/12/2017		216				20 (J)	
7/17/2017				180 (D)			
7/27/2017				190 (D)			
8/9/2017				153 (D)			
9/26/2017					107		103
9/29/2017				173 (D)			
10/2/2017	137	<25	73				
10/4/2017						<25	
3/14/2018					126		123
3/16/2018	140		130	150			
3/19/2018		295				<25	
9/12/2018					134		105
9/14/2018		30	103	165			
9/17/2018	162					32	
3/13/2019							130
3/14/2019				154			
3/15/2019					107		
3/19/2019			208				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/20/2019	175	49				30	
9/9/2019					93		108
9/10/2019				181			
9/12/2019	174	44					
9/13/2019			113			19	
3/9/2020				173	58		131
3/11/2020	172	309	170			24	
9/10/2020					16		
9/11/2020							102
9/15/2020	156	28	89				
9/16/2020				156			
3/10/2021							60
3/12/2021					55		
3/16/2021	155		102	142			
3/17/2021		211					
3/29/2021						76	
8/4/2021					60		66
8/6/2021				133			
8/9/2021	150	207	127			95	
1/31/2022					61		81
2/1/2022	143	202	114				
2/2/2022				143		104	
8/10/2022					50		
8/12/2022							91
8/16/2022	159	182	123	125		85	
2/13/2023					105 (J)		259 (J)
2/14/2023				149 (J)			
2/16/2023	152 (J)	267 (J)	197 (J)				
2/17/2023						117 (J)	
7/25/2023				158			
7/26/2023					57		70
7/27/2023	167	177	155				
8/1/2023						113	
2/19/2024				177	63		108
2/22/2024	148	210				117	
2/26/2024			126				
8/1/2024				161	68		96
8/6/2024			105				
8/7/2024	179	183					
8/8/2024						150	
2/25/2025					91		119
2/26/2025				156		121	
2/27/2025	142	211	231				

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/11/2016			139	69	144		
3/15/2016	110	78					
3/28/2016							<25
5/12/2016	49						
5/13/2016		178		88	142		
5/16/2016			112				
5/23/2016							32
7/19/2016				56	135		
7/20/2016	72						
7/21/2016		168					
7/22/2016			136				
8/1/2016							<25
9/15/2016	18 (J)						
9/16/2016				31	144		
9/19/2016			121				
9/21/2016		123					
9/26/2016							45
11/2/2016				48	152		
11/3/2016	70	157	132				
11/10/2016							38
1/17/2017		170	150				
1/18/2017	63			44	125		
1/30/2017							<25
2/22/2017						329 (D)	
3/24/2017	63						
3/27/2017		158	148				
3/28/2017				<25	109		
4/7/2017						295 (D)	18 (J)
6/6/2017	128	212		36	154		
6/7/2017			181				
6/12/2017							15 (J)
6/14/2017						237 (D)	
7/12/2017						400 (D)	
7/20/2017						203 (D)	
7/28/2017						262 (D)	
8/9/2017						195 (D)	
8/24/2017						236 (D)	
9/22/2017				41	157		
9/25/2017	109	145					
9/26/2017			113				
10/2/2017							17 (J)
10/3/2017						224 (D)	
3/14/2018	192	210	134	<25			
3/15/2018					117		
3/16/2018							<25
3/21/2018						237	
9/12/2018	82	159		<25	151		
9/14/2018			139				
9/17/2018							38
9/18/2018						227	
3/13/2019				31	152		
3/14/2019	119	157	157				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/19/2019							34
3/21/2019						367 (D)	
9/10/2019	36	113	105				
9/11/2019				21	151		
9/12/2019						200 (D)	
9/13/2019							19
3/6/2020	137		143				
3/9/2020		249		51	174		
3/11/2020							17
3/12/2020						247	
9/10/2020	35	111	120				
9/11/2020				31			
9/14/2020					146		
9/16/2020							20
9/17/2020						223	
3/10/2021		148					
3/11/2021	101		109	14	98		
3/16/2021						196	
3/17/2021							<25
8/4/2021	77	176	141				
8/5/2021					126		
8/6/2021				33			
8/9/2021							14
8/10/2021						238	
1/31/2022	63	184	132	25	128		
2/1/2022							21
2/3/2022						243	
8/10/2022			134		145		
8/11/2022	73	170		28			
8/16/2022							<25
8/17/2022						226	
2/13/2023	111 (J)	163 (J)	226		126		
2/14/2023				60.9			
2/16/2023							<25
2/17/2023						252 (J)	
7/25/2023	43	162		<25	167		
7/26/2023			134				
7/28/2023						243	<25
2/19/2024	130	199					
2/20/2024			146	<25	136		
2/22/2024							<25
2/27/2024						268	
8/1/2024	49	197	158				
8/2/2024				33	188		
8/8/2024						258	147
2/25/2025	142	161	155	<25	140		
2/27/2025							32
2/28/2025						273	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
3/28/2016	46						
3/31/2016		122	135				
4/4/2016				79	135	58	156
5/25/2016	57						
5/26/2016		143	163	105	124		
5/27/2016						66	
5/31/2016							192
8/1/2016	<25						
8/3/2016			159	106		65	
8/4/2016					109		269
8/5/2016		143					
9/26/2016	60						
9/28/2016		160	208	148	104		
9/29/2016							288
9/30/2016						60	
11/11/2016	13 (J)						
11/22/2016		149	152	88	94	63	
11/28/2016							224
1/30/2017	<25						
2/7/2017		123	128				
2/8/2017				62	141 (J)		
2/9/2017							386
2/13/2017						104 (J)	
4/3/2017	100						
4/10/2017		95	186	92	114		
4/11/2017						63	
4/12/2017							254
6/12/2017	51						
6/14/2017		150	150			97	
6/15/2017				96	153		
6/16/2017							309
10/2/2017	32						
10/4/2017		140	153	78	121	74	
10/9/2017							269
3/16/2018	<25						
3/20/2018		93					
3/21/2018			192	111			211
3/22/2018					139	54	
9/18/2018	15 (J)	155	155	106	139	73	
9/19/2018							222
3/19/2019	48						
3/22/2019		95	140				
3/23/2019				64	148	58	135
9/12/2019	46						
9/17/2019		165	172	101	143	62	
9/18/2019							200
3/11/2020	24						
3/12/2020		63	81	96	125	64	
3/13/2020							143
9/15/2020	12						
9/17/2020		140	125				
9/21/2020				93	145	62	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							176
3/17/2021	31						
3/18/2021		74	62				82
3/19/2021				79	135	53	
8/9/2021	<25						
8/10/2021		120					
8/11/2021			138	53	149	58	131
2/2/2022	15					54	
2/4/2022		102	156	120	157		
2/17/2022							119
8/17/2022	18 (J)	128					
8/18/2022			135	59	141	48	132
2/16/2023	<25						
2/20/2023		47	154	98	149		
2/21/2023						42	
2/22/2023							1020 (o)
4/11/2023							120
7/28/2023	<25						
7/31/2023		143	144				
8/1/2023				121	151	63	197
2/22/2024	<25						
2/27/2024		103	157			67	143
2/28/2024				102	158		
8/8/2024	64						
8/12/2024		162	156		149	74	189
8/13/2024				62			
2/28/2025	<25	95					
3/3/2025			143		150		137
3/4/2025				100		75	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/16/2016					<36	<25	89
4/4/2016	110						
4/5/2016		42	103	53			
5/16/2016					35	<25 (D)	169 (D)
5/31/2016			157	70			
6/1/2016	121	63					
7/25/2016					24 (J)	16 (JD)	159 (D)
8/4/2016			154				
8/9/2016		267					
9/19/2016					19 (J)	12 (JD)	152 (D)
9/29/2016			142				
11/3/2016					34		150 (D)
11/4/2016						13 (JD)	
11/23/2016			172	118			
11/28/2016		116					
1/19/2017					13 (J)		
1/20/2017							152 (D)
1/23/2017						15 (JD)	
2/9/2017		212 (J)					
2/10/2017			237	214			
2/22/2017	311						
3/28/2017					<36		
3/29/2017						<25 (D)	143 (D)
4/11/2017	212	113		127			
4/12/2017			168				
6/5/2017					206		
6/7/2017						26	192
6/14/2017		120					
6/15/2017			176	126			
6/16/2017	262						
7/12/2017	310	153		164			
7/20/2017					72		
7/26/2017				129			
7/28/2017	289						
8/10/2017	288						
9/26/2017					35		
9/27/2017						<25	159
10/5/2017		102					
10/6/2017	268		155	140			
3/15/2018					41	<25	146
3/22/2018		115					
3/23/2018	281		170	119			
9/12/2018					<36		
9/13/2018						<25	185
9/19/2018		114	181	138			
9/20/2018	297						
3/14/2019					110	39 (JXD)	195 (D)
3/22/2019	249	104		116			
3/25/2019			167				
9/11/2019					58	<25 (D)	172 (D)
9/17/2019		86	179	117			
9/18/2019	281						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
3/10/2020					127	60	245
3/13/2020		59	169	76			
3/17/2020	256						
9/11/2020						11	146
9/15/2020					56		
9/21/2020		94	186	122			
9/22/2020	248						
3/11/2021					43	12	167
3/18/2021		57	153	54			
3/19/2021	250						
8/4/2021					62		
8/6/2021						17	186
8/11/2021		77	181	122			
8/12/2021	263						
1/31/2022					63		
2/1/2022						70	201
2/4/2022	262	92	162				
2/7/2022				121			
8/12/2022						14	159
8/15/2022					50		
8/18/2022		83					
8/19/2022	243		152	112			
2/14/2023					70.9	33.9	206
2/22/2023	254	65	174	111			
7/26/2023					32	<25	186
8/1/2023		83		114			
8/2/2023	282		136				
2/20/2024					48	<25	181
2/28/2024	248	79	149	121			
8/5/2024						78	197
8/6/2024					27		
8/13/2024	237	89	133	124			
2/26/2025					63	<25	185
3/3/2025		73	127	124			
3/4/2025	252						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/10/2016	253	152	149	63			
3/17/2016					103	31	
3/28/2016							<25
5/17/2016	251			<31			
5/18/2016		123	162		129	43	
5/25/2016							34
7/26/2016	249						
7/27/2016		113	132	11 (J)	108		
7/28/2016						43	
8/1/2016							25
9/20/2016	195	126	155	14 (J)			
9/21/2016					102	<25	
9/27/2016							20 (J)
11/4/2016	209		169	27	130		
11/7/2016		167				50	
11/11/2016							41
1/20/2017	211		135				
1/23/2017		125		15 (J)			
1/24/2017					152	63	
1/31/2017							127
3/28/2017	199			<31			
3/29/2017		116	147		95		
3/30/2017						<25	
4/3/2017							69
6/7/2017	251						
6/8/2017		131	159	29	176		
6/9/2017						20 (J)	
6/12/2017							46
9/27/2017		117	167				
9/29/2017	255			21 (J)	118	22 (J)	
10/3/2017							34
3/15/2018	231	102		<31	88	<25	
3/16/2018			141				
3/19/2018							<25
9/13/2018	263	144	175	<31	137		
9/14/2018						29	
9/17/2018							38
3/15/2019		125		41			
3/18/2019	251				170		
3/19/2019			154			35	
3/20/2019							66
9/11/2019	234		164	20	138	27	
9/12/2019		121					
9/16/2019							45
3/9/2020		147	44	100		51	
3/10/2020	273						
3/11/2020					125		
3/16/2020							20
9/11/2020					127		
9/14/2020	232	129		47		25	
9/15/2020			108				
9/16/2020							30

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/11/2021	209	106	143	40			
3/15/2021					107	30	
3/17/2021							15
8/4/2021				34			
8/5/2021	210	90	142			<25	
8/9/2021							<25
8/11/2021					116		
1/31/2022	197			31			
2/1/2022		107	157		125	27	
2/2/2022							32
8/15/2022	187	141 (J)	104	37	103	<25	
8/16/2022							<25
2/14/2023	199	111 (J)	151	30.9	114	<25	
2/20/2023							53
7/26/2023	206			33			
7/27/2023		105	154		117	<25	
7/28/2023							<25
2/21/2024	215	105	114	52	126	<25	
2/26/2024							38
8/5/2024	226	115	160	47			
8/6/2024					132	73	
8/8/2024							143
2/26/2025	202	129	153	44	119	<25	
2/27/2025							27

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/22/2016					111	
3/29/2016	51	64				
3/30/2016				104		26
5/24/2016	76	77		94		
5/25/2016					95	
5/26/2016						70
5/31/2016			120			
8/1/2016	69	35				
8/2/2016			100	105	124	
8/5/2016						95
9/26/2016	103	111			140	
9/27/2016			121	119		
9/28/2016						152
11/14/2016		76				
11/18/2016	77					
11/21/2016			164		154	145
11/22/2016				105		
2/1/2017	168	126	144			
2/3/2017					113	
2/6/2017				99		20 (J)
4/6/2017	95	146	125	124		17 (J)
4/7/2017					147	
6/13/2017	101	84	148		117	32
6/14/2017				114		
7/14/2017			121			
10/3/2017	83	70	117		150	71
10/4/2017				107		
3/19/2018	70					
3/20/2018		78	136		121	49
3/21/2018				117		
9/17/2018	77	74				
9/18/2018			116	110	93	38
3/21/2019	80	60	107			39
3/27/2019				101		
5/6/2019					118	
9/13/2019			115			
9/16/2019	82	65		113	99	85
3/12/2020	42	22	86	84		16
3/16/2020					76	
9/16/2020	77	52	124			
9/17/2020				111	98	94
3/17/2021	47	43	112	113		
3/18/2021					48	<25
8/10/2021	53	<10	101	112	92	22
2/2/2022	73	51	115	102	85	21
8/17/2022	53	33	83	89	41	25
2/17/2023	75 (J)	50 (J)				
2/20/2023			122		86	
2/21/2023				77		<25
7/28/2023		46				
7/31/2023	77		113	96	97	62
2/26/2024	78	48	114		92	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
2/27/2024				101		26
8/8/2024	84	60	164			
8/12/2024				115	106	77
2/27/2025	64	52	107			
2/28/2025					96	32
3/4/2025				111		

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	<0.01	<0.01	<0.01			<0.01	
10/23/2007	<0.01						
10/24/2007		<0.01	<0.01				
11/2/2007						<0.01	
11/18/2007	<0.01	0.0051	<0.01			0.0046	
1/30/2008	<0.01						
1/31/2008		<0.01	0.0078			<0.01	
3/10/2008	<0.01		<0.01				
3/11/2008		0.0032				<0.01	
5/6/2008		<0.01					
5/13/2008	<0.01		<0.01				
5/14/2008						<0.01	
12/4/2008		0.016 (O)	<0.01				
12/5/2008	<0.01					<0.01	
4/15/2009	<0.01					<0.01	
4/21/2009		0.005	0.0036				
10/7/2009	0.0099	<0.01					
10/8/2009			<0.01			<0.01	
4/21/2010			<0.01				
4/26/2010		<0.01					
4/28/2010						<0.01	
5/3/2010	<0.01						
9/28/2010			<0.01				
10/4/2010		0.0025					
10/6/2010						<0.01	
10/12/2010	<0.01						
4/12/2011			<0.01				
4/13/2011		<0.01					
4/21/2011						<0.01	
4/27/2011	<0.01						
10/4/2011			<0.01				
10/5/2011		<0.01					
10/13/2011						<0.01	
10/17/2011	<0.01						
4/3/2012			<0.01				
4/11/2012		<0.01					
5/1/2012						<0.01	
5/2/2012	<0.01						
10/8/2012	<0.01						
10/9/2012		<0.01	<0.01			<0.01	
4/11/2013			<0.01			<0.01	
4/12/2013	<0.01						
4/15/2013		<0.01					
10/15/2013		<0.01					
10/16/2013	<0.01		<0.01			<0.01	
4/10/2014			0.005 (J)				
4/11/2014	<0.01						
4/22/2014		<0.01					
4/23/2014						<0.01	
9/30/2014	<0.01	<0.01	<0.01				
10/4/2014						<0.01	
3/30/2015	0.0067	0.0016 (J)	<0.01				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						0.0023 (J)	
10/12/2015						<0.01	
10/13/2015	<0.01	<0.01	<0.01				
3/14/2016					<0.01		
3/15/2016							<0.01
3/22/2016	0.00214 (J)						
3/23/2016		<0.01	<0.01			<0.01	
5/11/2016					<0.01		<0.01
5/16/2016				<0.01 (D)			
7/19/2016					<0.01		
7/21/2016							<0.01
7/27/2016				0.002 (JD)			
7/29/2016	<0.01	<0.01	<0.01			<0.01	
9/15/2016					<0.01		<0.01
11/2/2016					<0.01		
11/3/2016							<0.01
1/17/2017							<0.01
1/18/2017					<0.01		
2/21/2017				<0.01			
3/24/2017							<0.01
3/27/2017				<0.01 (D)			
3/28/2017					<0.01		
3/30/2017	<0.01	<0.01				<0.01	
4/3/2017			<0.01				
9/26/2017					<0.01		<0.01
9/29/2017				<0.01 (D)			
10/2/2017	<0.01	<0.01	<0.01				
10/4/2017						<0.01	
3/14/2018					<0.01		<0.01
3/16/2018	<0.01		<0.01	<0.01			
3/19/2018		<0.01				<0.01	
9/12/2018					<0.01		<0.01
9/14/2018		<0.01	<0.01	<0.01			
9/17/2018	<0.01 (D)					<0.01	
3/13/2019							<0.01
3/14/2019				<0.01			
3/15/2019					<0.01		
3/19/2019			<0.01				
3/20/2019	<0.01	<0.01				<0.01	
9/9/2019					<0.01		<0.01
9/12/2019	<0.01	<0.01 (D)					
9/13/2019			0.001 (J)			<0.01	
3/9/2020				<0.01	<0.01		<0.01
3/11/2020	<0.01	<0.01	0.00084 (J)			<0.01	
9/10/2020					<0.01		
9/11/2020							<0.01
9/15/2020	<0.01	<0.01	<0.01				
9/16/2020				<0.01			
3/10/2021							<0.01
3/12/2021					<0.01		
3/16/2021	<0.01		<0.01	<0.01			
3/17/2021		<0.01					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/29/2021						<0.01	
8/4/2021					<0.01		<0.01
8/6/2021				<0.01			
8/9/2021	<0.01	<0.01	<0.01			<0.01	
1/31/2022					<0.01		<0.01
2/1/2022	<0.01	<0.01	<0.01				
2/2/2022				<0.01		<0.01	
8/10/2022					<0.01		
8/12/2022							<0.01
8/16/2022	<0.01	<0.01	<0.01	<0.01		<0.01	
2/13/2023					<0.01		<0.01
2/14/2023				<0.01			
2/16/2023	<0.01	<0.01	<0.01				
2/17/2023						<0.01	
7/25/2023				<0.01			
7/26/2023					<0.01		<0.01
7/27/2023	<0.01	<0.01	<0.01				
8/1/2023						<0.01	
2/19/2024				0.001 (J)	<0.01		<0.01
2/22/2024	<0.01	<0.01				<0.01	
2/26/2024			<0.01				
8/1/2024				<0.01	<0.01		<0.01
8/6/2024			0.0015 (J)				
8/7/2024	<0.01	<0.01					
8/8/2024						<0.01	
2/25/2025					<0.01		<0.01
2/26/2025				<0.01		<0.01	
2/27/2025	<0.01	<0.01	<0.01				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							<0.01
4/23/2009							<0.01
10/6/2009							<0.01
4/27/2010							<0.01
9/30/2010							<0.01
4/14/2011							<0.01
10/5/2011							<0.01
4/11/2012							<0.01
10/2/2012							<0.01
4/9/2013							<0.01
10/15/2013							<0.01
4/10/2014							<0.01
10/1/2014							<0.01
3/30/2015							<0.01
10/11/2015							<0.01
3/11/2016			<0.01	0.00204 (J)	0.00202 (J)		
3/15/2016	<0.01	<0.01					
3/28/2016							<0.01
5/12/2016	<0.01						
5/13/2016		<0.01		<0.01	<0.01		
5/16/2016			<0.01				
7/19/2016				<0.01	<0.01		
7/20/2016	<0.01						
7/21/2016		<0.01					
7/22/2016			<0.01				
8/1/2016							<0.01
9/15/2016	<0.01						
9/16/2016				<0.01	<0.01		
9/19/2016			<0.01				
9/21/2016		<0.01					
11/2/2016				<0.01	<0.01		
11/3/2016	<0.01	<0.01	<0.01				
1/17/2017		<0.01	<0.01				
1/18/2017	<0.01			<0.01	<0.01		
3/24/2017	<0.01						
3/27/2017		<0.01	<0.01				
3/28/2017				<0.01	<0.01		
4/7/2017						<0.01	<0.01
9/22/2017				<0.01	<0.01		
9/25/2017	<0.01	<0.01					
9/26/2017			<0.01				
10/2/2017							<0.01
10/3/2017						<0.01 (D)	
3/14/2018	<0.01	<0.01	<0.01	<0.01			
3/15/2018					<0.01		
3/16/2018							<0.01
3/21/2018						<0.01	
9/12/2018	<0.01	<0.01		<0.01	<0.01		
9/14/2018			<0.01				
9/17/2018							<0.01
9/18/2018						<0.01	
3/13/2019				<0.01	<0.01		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/14/2019	<0.01	<0.01	<0.01				
3/19/2019							<0.01
3/21/2019						<0.01 (D)	
9/10/2019	<0.01 (D)	<0.01	<0.01				
9/11/2019				<0.01	<0.01		
9/12/2019						0.00084 (JD)	
9/13/2019							<0.01
3/6/2020	<0.01		<0.01				
3/9/2020		<0.01		<0.01	0.00074 (J)		
3/11/2020							<0.01
3/12/2020						<0.01	
9/10/2020	<0.01	<0.01	<0.01				
9/11/2020				<0.01			
9/14/2020					<0.01		
9/16/2020							<0.01
9/17/2020						<0.01	
3/10/2021		<0.01					
3/11/2021	<0.01		<0.01	<0.01	<0.01		
3/16/2021						<0.01	
3/17/2021							<0.01
8/4/2021	<0.01	<0.01	<0.01				
8/5/2021					<0.01		
8/6/2021				<0.01			
8/9/2021							<0.01
8/10/2021						<0.01	
1/31/2022	<0.01	<0.01	<0.01	<0.01	<0.01		
2/1/2022							<0.01
2/3/2022						<0.01	
8/10/2022			<0.01		<0.01		
8/11/2022	<0.01	<0.01		<0.01			
8/16/2022							<0.01
8/17/2022						<0.01	
2/13/2023	<0.01	<0.01	<0.01		<0.01		
2/14/2023				<0.01			
2/16/2023							<0.01
2/17/2023						<0.01	
7/25/2023	<0.01	<0.01		<0.01	<0.01		
7/26/2023			<0.01				
7/28/2023						<0.01	<0.01
2/19/2024	<0.01	0.001 (J)					
2/20/2024			0.0015 (J)	0.0017 (J)	0.0016 (J)		
2/22/2024							<0.01
2/27/2024						<0.01	
8/1/2024	<0.01	<0.01	<0.01				
8/2/2024				<0.01	<0.01		
8/8/2024						<0.01	<0.01
2/25/2025	<0.01	<0.01	<0.01	<0.01	<0.01		
2/27/2025							<0.01
2/28/2025						<0.01	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
11/1/2007		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
11/18/2007				<0.01	<0.01		
11/19/2007						<0.01	0.0035
11/20/2007		0.0034	<0.01				
1/16/2008						0.0071	
1/30/2008		0.005	<0.01	<0.01	<0.01		
1/31/2008							0.0039
3/5/2008				<0.01		0.0031	<0.01
3/6/2008		0.0032	<0.01		0.0047		
5/7/2008				0.0029	0.003		
5/8/2008			<0.01				
5/12/2008		<0.01					0.0064
5/13/2008						<0.01	
12/12/2008	<0.01						
12/13/2008		0.0082				<0.01	0.02 (O)
12/14/2008			<0.01	0.0026	0.0056		
4/16/2009						0.0037	
4/23/2009	0.0065						
4/28/2009							0.0039
4/29/2009		<0.01	<0.01	<0.01	0.018 (O)		
10/6/2009	0.0026						
10/20/2009		<0.01					
10/21/2009			<0.01			0.0047	0.0037
10/22/2009				0.0026	0.0079		
4/21/2010			<0.01	<0.01	0.0075		
4/26/2010		<0.01					
4/27/2010						0.0082	
4/28/2010							<0.01
5/3/2010	0.0028						
9/28/2010			<0.01	<0.01			
9/29/2010		<0.01			0.0065		
10/5/2010						<0.01	<0.01
10/11/2010	0.0035						
4/12/2011			<0.01	<0.01			
4/13/2011		<0.01			0.004		
4/19/2011						0.0036	0.0025
4/27/2011	0.0047						
10/4/2011			<0.01	<0.01	0.0054		
10/5/2011		<0.01					
10/12/2011						<0.01	
10/18/2011							0.0037
10/19/2011	<0.01						
4/3/2012			<0.01	<0.01			
4/4/2012		<0.01			<0.01		
4/24/2012						<0.01	
4/25/2012							<0.01
5/1/2012	<0.01						
10/2/2012	<0.01					<0.01	<0.01
10/3/2012		<0.01		<0.01	<0.01		
10/8/2012			<0.01				
4/2/2013						<0.01	<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		<0.01	<0.01	<0.01	<0.01		
4/10/2013	<0.01						
10/8/2013							<0.01
10/9/2013				<0.01	<0.01	<0.01	
10/15/2013		<0.01	<0.01				
10/16/2013	<0.01						
4/1/2014						<0.01	0.005 (J)
4/2/2014				<0.01	0.005 (J)		
4/9/2014		<0.01	<0.01				
4/22/2014	0.005 (J)						
10/1/2014	<0.01						<0.01
10/2/2014		<0.01	<0.01	<0.01	<0.01	<0.01	
3/30/2015	0.0032 (J)						
4/1/2015				<0.01	0.0067	<0.01	0.0019 (J)
4/2/2015		<0.01	<0.01				
10/10/2015		<0.01					
10/11/2015	<0.01			<0.01	0.0049 (J)		
10/12/2015			<0.01				
10/14/2015						0.0022 (J)	
10/15/2015							<0.01
3/28/2016	<0.01						
3/31/2016		<0.01	<0.01				
4/4/2016				<0.01	0.00251 (J)	<0.01	0.00211 (J)
8/1/2016	<0.01						
8/3/2016			<0.01	<0.01		<0.01	
8/4/2016					<0.01		<0.01
8/5/2016		<0.01					
4/3/2017	<0.01						
4/10/2017		<0.01	<0.01	<0.01	<0.01		
4/11/2017						<0.01	
4/12/2017							0.0016 (J)
10/2/2017	<0.01						
10/4/2017		<0.01	<0.01	<0.01	0.0015 (J)	<0.01	
10/9/2017							<0.01
3/16/2018	<0.01						
3/20/2018		<0.01					
3/21/2018			<0.01	<0.01			<0.01
3/22/2018					<0.01	<0.01	
9/18/2018	<0.01	<0.01	<0.01	<0.01	0.0022 (J)	<0.01	
9/19/2018							0.0022 (J)
3/19/2019	<0.01						
3/22/2019		<0.01	<0.01				
3/23/2019				<0.01	<0.01	<0.01	<0.01
9/12/2019	<0.01						
9/17/2019		<0.01	<0.01	<0.01	<0.01	<0.01 (D)	
9/18/2019							<0.01
3/11/2020	<0.01						
3/12/2020		<0.01	<0.01	<0.01	<0.01	<0.01	
3/13/2020							0.002 (J)
9/15/2020	<0.01						
9/17/2020		<0.01	<0.01				
9/21/2020				<0.01	<0.01	<0.01	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							<0.01
3/17/2021	<0.01						
3/18/2021		<0.01	<0.01				<0.01
3/19/2021				<0.01	<0.01	<0.01	
8/9/2021	<0.01						
8/10/2021		<0.01					
8/11/2021			<0.01	<0.01	<0.01	<0.01	0.0021 (J)
2/2/2022	<0.01					<0.01	
2/4/2022		<0.01	<0.01	<0.01	<0.01		
2/17/2022							<0.01
8/17/2022	<0.01	<0.01					
8/18/2022			<0.01	<0.01	<0.01	<0.01	<0.01
2/16/2023	<0.01						
2/20/2023		<0.01	<0.01	<0.01	<0.01		
2/21/2023						0.0034 (J)	
2/22/2023							0.0019 (J)
7/28/2023	<0.01						
7/31/2023		<0.01	<0.01				
8/1/2023				<0.01	<0.01	<0.01	<0.01
2/22/2024	<0.01						
2/27/2024		<0.01	<0.01			<0.01	0.0013 (J)
2/28/2024				<0.01	<0.01		
8/8/2024	<0.01						
8/12/2024		<0.01	<0.01		<0.01	<0.01	0.0014 (J)
8/13/2024				<0.01			
2/28/2025	<0.01	<0.01					
3/3/2025			<0.01		<0.01		<0.01
3/4/2025				<0.01		<0.01	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.01						
8/23/2007			<0.01				
8/24/2007		0.012		0.0027			
11/1/2007	0.0048						
11/2/2007		<0.01	<0.01	0.012			
11/17/2007		0.0043	<0.01				
11/18/2007				0.016 (J)			
11/19/2007	0.0054						
1/15/2008		0.0037	<0.01	0.018			
1/31/2008	0.003						
3/5/2008	<0.01	0.0049					
3/6/2008			<0.01				
3/10/2008				0.014			
5/7/2008	0.0041	<0.01	<0.01				
5/13/2008				0.013			
12/2/2008		0.0097	<0.01	0.016			
12/12/2008	0.023 (O)						
4/16/2009		0.0061					
4/28/2009			<0.01	0.016			
4/29/2009	0.006						
10/19/2009			<0.01				
10/20/2009		0.0092		0.021			
10/21/2009	0.022 (O)						
4/20/2010		<0.01					
4/27/2010			<0.01	0.012			
4/28/2010	0.011						
9/29/2010		<0.01					
10/4/2010			<0.01				
10/5/2010				0.011			
10/6/2010	0.0064						
4/12/2011		<0.01					
4/18/2011			<0.01				
4/19/2011				0.012			
4/20/2011	0.0046						
10/4/2011		<0.01					
10/12/2011	<0.01		<0.01	0.0031			
4/4/2012		<0.01					
4/23/2012			<0.01				
4/25/2012	<0.01			<0.01			
10/2/2012	<0.01						
10/10/2012		<0.01	<0.01	<0.01			
4/2/2013	<0.01						
4/15/2013		<0.01	<0.01				
4/16/2013				<0.01			
10/8/2013	<0.01						
10/22/2013		<0.01	<0.01	<0.01			
4/1/2014	0.005 (J)						
4/21/2014		0.005 (J)	<0.01	0.005 (J)			
9/30/2014		<0.01	<0.01	<0.01			
10/1/2014	<0.01						
3/31/2015	<0.01						
4/3/2015		0.001 (J)	<0.01	0.0016 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				0.002 (J)			
10/7/2015		<0.01	<0.01				
10/14/2015	<0.01						
3/16/2016					<0.01	<0.01	<0.01
4/4/2016	<0.01						
4/5/2016		<0.01	<0.01	0.00233 (J)			
5/16/2016					<0.01	<0.01 (D)	<0.01 (D)
7/25/2016					<0.01	0.0022 (JD)	<0.01 (D)
8/4/2016			<0.01				
8/9/2016		<0.01					
9/19/2016					<0.01	<0.01 (D)	<0.01 (D)
11/3/2016					<0.01		<0.01 (D)
11/4/2016						<0.01 (D)	
1/19/2017					<0.01		
1/20/2017							<0.01 (D)
1/23/2017						<0.01 (D)	
3/28/2017					<0.01		
3/29/2017						<0.01 (D)	<0.01 (D)
4/11/2017	<0.01	<0.01		<0.01			
4/12/2017			<0.01				
9/26/2017					<0.01		
9/27/2017						<0.01	<0.01
10/5/2017		<0.01					
10/6/2017	<0.01		<0.01	<0.01			
3/15/2018					<0.01	<0.01	<0.01
3/22/2018		<0.01					
3/23/2018	<0.01		<0.01	<0.01			
9/12/2018					<0.01		
9/13/2018						<0.01	<0.01
9/19/2018		<0.01	<0.01	<0.01			
9/20/2018	<0.01						
3/14/2019					<0.01	<0.01 (D)	<0.01 (D)
3/22/2019	<0.01	<0.01		<0.01			
3/25/2019			<0.01				
9/11/2019					<0.01	<0.01 (D)	<0.01 (D)
9/17/2019		<0.01	<0.01	<0.01			
9/18/2019	<0.01						
3/10/2020					<0.01	<0.01	<0.01
3/13/2020		<0.01	0.00077 (J)	0.00095 (J)			
3/17/2020	<0.01						
9/11/2020						<0.01	<0.01
9/15/2020					<0.01		
9/21/2020		<0.01	<0.01	<0.01			
9/22/2020	<0.01						
3/11/2021					<0.01	<0.01	<0.01
3/18/2021		<0.01	<0.01	<0.01			
3/19/2021	<0.01						
8/4/2021					<0.01		
8/6/2021						<0.01	<0.01
8/11/2021		<0.01	<0.01	<0.01			
8/12/2021	<0.01						
1/31/2022					<0.01		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
2/1/2022						<0.01	<0.01
2/4/2022	<0.01	<0.01	<0.01				
2/7/2022				<0.01			
8/12/2022						<0.01	<0.01
8/15/2022					<0.01		
8/18/2022		<0.01					
8/19/2022	<0.01		<0.01	<0.01			
2/14/2023					<0.01	<0.01	<0.01
2/22/2023	<0.01	<0.01	<0.01	<0.01			
7/26/2023					0.0026 (J)	0.0026 (J)	<0.01
8/1/2023		<0.01		<0.01			
8/2/2023	<0.01		<0.01				
2/20/2024					0.00096 (J)	0.00097 (J)	0.0009 (J)
2/28/2024	<0.01	<0.01	<0.01	<0.01			
8/5/2024						<0.01	<0.01
8/6/2024					<0.01		
8/13/2024	0.00085 (J)	<0.01	<0.01	0.0013 (J)			
2/26/2025					<0.01	<0.01	<0.01
3/3/2025		<0.01	<0.01	<0.01			
3/4/2025	<0.01						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							0.0032
10/25/2007							<0.01
11/19/2007							<0.01
1/23/2008							<0.01
3/11/2008							<0.01
5/12/2008							<0.01
12/11/2008							<0.01
4/15/2009							<0.01
10/9/2009							<0.01
5/4/2010							<0.01
10/12/2010							<0.01
4/28/2011							<0.01
10/19/2011							<0.01
5/2/2012							<0.01
10/9/2012							<0.01
4/11/2013							<0.01
10/16/2013							<0.01
4/23/2014							<0.01
10/3/2014							0.00097 (J)
3/31/2015							0.00096 (J)
10/12/2015							<0.01
3/10/2016	<0.01	<0.01	<0.01	<0.01			
3/17/2016					<0.01	<0.01	
3/28/2016							<0.01
5/17/2016	<0.01			<0.01			
5/18/2016		<0.01	<0.01		<0.01	<0.01	
7/26/2016	<0.01						
7/27/2016		<0.01	<0.01	<0.01	<0.01		
7/28/2016						<0.01	
8/1/2016							<0.01
9/20/2016	<0.01	<0.01	<0.01	<0.01			
9/21/2016					<0.01	<0.01	
11/4/2016	<0.01		<0.01	<0.01	<0.01		
11/7/2016		<0.01				<0.01	
1/20/2017	<0.01		<0.01				
1/23/2017		<0.01		<0.01			
1/24/2017					<0.01	<0.01	
3/28/2017	<0.01			<0.01			
3/29/2017		<0.01	<0.01		<0.01		
3/30/2017						<0.01	
4/3/2017							<0.01
9/27/2017		<0.01	<0.01				
9/29/2017	<0.01			<0.01	<0.01	<0.01	
10/3/2017							<0.01
3/15/2018	<0.01	<0.01		<0.01	<0.01	<0.01	
3/16/2018			<0.01				
3/19/2018							<0.01
9/13/2018	<0.01	<0.01	<0.01	<0.01	<0.01		
9/14/2018						<0.01	
9/17/2018							<0.01
3/15/2019		<0.01		<0.01			
3/18/2019	<0.01				<0.01		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/19/2019			<0.01			<0.01	
3/20/2019							<0.01
9/11/2019	<0.01		<0.01	<0.01 (D)	<0.01	<0.01	
9/12/2019		<0.01					
9/16/2019							<0.01
3/9/2020		<0.01	0.00075 (J)	<0.01		<0.01	
3/10/2020	<0.01						
3/11/2020					<0.01		
3/16/2020							<0.01
9/11/2020					<0.01		
9/14/2020	<0.01	<0.01		<0.01		<0.01	
9/15/2020			<0.01				
9/16/2020							<0.01
3/11/2021	<0.01	<0.01	<0.01	<0.01			
3/15/2021					<0.01	<0.01	
3/17/2021							<0.01
8/4/2021				<0.01			
8/5/2021	<0.01	<0.01	<0.01			<0.01	
8/9/2021							<0.01
8/11/2021					<0.01		
1/31/2022	<0.01			<0.01			
2/1/2022		<0.01	<0.01		<0.01	<0.01	
2/2/2022							<0.01
8/15/2022	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
8/16/2022							<0.01
2/14/2023	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2/20/2023							<0.01
7/26/2023	<0.01			0.0028 (J)			
7/27/2023		<0.01	<0.01		<0.01	<0.01	
7/28/2023							<0.01
2/21/2024	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2/26/2024							<0.01
8/5/2024	<0.01	<0.01	<0.01	<0.01			
8/6/2024					<0.01	<0.01	
8/8/2024							<0.01
2/26/2025	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2/27/2025							<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	<0.01					
8/23/2007						<0.01
10/25/2007	<0.01					
11/1/2007						<0.01
11/19/2007						0.0052
11/20/2007	<0.01					
1/15/2008						0.0065
1/23/2008	0.007					
3/6/2008						0.0028
3/11/2008	0.0033					
5/13/2008						<0.01
5/14/2008	0.0043					
12/11/2008	<0.01					
12/12/2008						<0.01
4/16/2009						0.0033
4/23/2009	<0.01					
10/9/2009	0.0043					
10/13/2009						<0.01
4/21/2010						<0.01
5/4/2010	0.0027					
9/29/2010						<0.01
10/11/2010	0.0034					
4/13/2011						<0.01
4/26/2011	<0.01					
10/5/2011						<0.01
10/18/2011	<0.01			<0.01		
4/4/2012						<0.01
4/30/2012				<0.01		
5/2/2012	<0.01					
10/3/2012				<0.01		
10/8/2012	<0.01					<0.01
4/8/2013				<0.01		<0.01
4/10/2013	<0.01					
10/8/2013	<0.01					
10/9/2013				<0.01		<0.01
4/9/2014						<0.01
4/10/2014				0.005 (J)		
4/14/2014	0.005 (J)					
9/30/2014						<0.01
10/2/2014				<0.01		
10/3/2014	0.0016 (J)					
4/1/2015	0.0021 (J)					
4/2/2015						<0.01
4/3/2015				<0.01		
5/26/2015		<0.01			<0.01	
6/18/2015		<0.01 (D)			0.005 (D)	
7/2/2015		<0.01			<0.01	
10/8/2015				0.0056	<0.01	
10/9/2015	<0.01	<0.01				
10/10/2015						0.0032 (JD)
3/22/2016					<0.01	
3/29/2016	<0.01	<0.01				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				<0.01		<0.01
8/1/2016	<0.01	<0.01				
8/2/2016			<0.01	<0.01	<0.01	
8/5/2016						<0.01
4/6/2017	<0.01	<0.01	<0.01	<0.01		<0.01
4/7/2017					<0.01	
10/3/2017	<0.01	<0.01	<0.01		<0.01	<0.01
10/4/2017				<0.01		
3/19/2018	<0.01					
3/20/2018		<0.01	<0.01		<0.01	<0.01
3/21/2018				<0.01		
9/17/2018	<0.01	<0.01				
9/18/2018			<0.01	<0.01	<0.01	<0.01 (D)
3/21/2019	<0.01	<0.01	<0.01			<0.01
3/27/2019				<0.01		
5/6/2019					<0.01	
9/13/2019			<0.01			
9/16/2019	<0.01	<0.01		<0.01 (D)	<0.01	<0.01
3/12/2020	<0.01	<0.01	<0.01	<0.01		<0.01
3/16/2020					<0.01	
9/16/2020	<0.01	<0.01	<0.01			
9/17/2020				<0.01	<0.01	<0.01
3/17/2021	<0.01	<0.01	<0.01	<0.01		
3/18/2021					<0.01	<0.01
8/10/2021	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2/2/2022	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
8/17/2022	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2/17/2023	<0.01	<0.01				
2/20/2023			<0.01		<0.01	
2/21/2023				<0.01		0.003 (J)
7/28/2023		<0.01				
7/31/2023	<0.01		<0.01	<0.01	<0.01	<0.01
2/26/2024	<0.01	<0.01	<0.01		<0.01	
2/27/2024				<0.01		<0.01
8/8/2024	<0.01	<0.01	<0.01			
8/12/2024				<0.01	<0.01	<0.01
2/27/2025	<0.01	<0.01	<0.01			
2/28/2025					<0.01	<0.01
3/4/2025				<0.01		

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
8/23/2007	0.032 (O)	0.0033	0.0079			0.066	
10/23/2007	0.0099						
10/24/2007		0.043 (O)	<0.02				
11/2/2007						0.055	
11/18/2007	0.0095 (J)	0.024	0.015			0.13	
1/30/2008	0.022 (O)						
1/31/2008		0.015	0.063 (O)			0.13	
3/10/2008	0.014		0.013 (J)				
3/11/2008		0.027				0.07	
5/6/2008		0.0032					
5/13/2008	0.0075		0.0072				
5/14/2008						0.12	
12/4/2008		0.081 (O)	0.011 (J)				
12/5/2008	0.0056 (J)					0.088	
4/15/2009	0.0033					0.068	
4/21/2009		0.0057	0.0041				
10/7/2009	0.061 (O)	<0.02					
10/8/2009			<0.02			0.075	
4/21/2010			<0.02				
4/26/2010		<0.02					
4/28/2010						0.071	
5/3/2010	0.0033						
9/28/2010			0.0081				
10/4/2010		0.0057					
10/6/2010						0.074	
10/12/2010	0.0041						
4/12/2011			0.0025				
4/13/2011		<0.02					
4/21/2011						0.047	
4/27/2011	<0.02						
10/4/2011			0.0027				
10/5/2011		<0.02					
10/13/2011						0.073	
10/17/2011	0.0046						
4/3/2012			<0.02				
4/11/2012		<0.02					
5/1/2012						0.0652	
5/2/2012	<0.02						
10/8/2012	0.0053						
10/9/2012		<0.02	0.0064			0.061	
4/11/2013			<0.02			0.053	
4/12/2013	0.006						
4/15/2013		0.0038					
10/15/2013		0.0044					
10/16/2013	0.0048		<0.02			0.047	
4/10/2014			0.0026				
4/11/2014	0.0033						
4/22/2014		0.0025 (J)					
4/23/2014						0.041	
9/30/2014	0.002 (J)	0.00076 (J)	0.0012 (J)				
10/4/2014						0.044 (V)	
3/30/2015	0.012	0.0024 (J)	0.013				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/31/2015						0.12	
10/12/2015						0.053	
10/13/2015	0.011	0.0017 (J)	0.0043				
3/14/2016					<0.02		
3/15/2016							<0.02
3/22/2016	0.00346 (J)						
3/23/2016		<0.02	<0.02			0.0532	
5/11/2016					0.00467 (J)		<0.02
5/16/2016				<0.02 (D)			
7/19/2016					<0.02 (*)		
7/21/2016							<0.02 (*)
7/27/2016				<0.02 (*)			
7/29/2016	<0.02	<0.02	<0.02			0.0446	
9/15/2016					0.0044 (J)		<0.02
11/2/2016					0.0043 (J)		
11/3/2016							<0.02
1/17/2017							<0.02
1/18/2017					<0.02 (*)		
2/21/2017				0.0049 (J)			
3/24/2017							<0.02 (*)
3/27/2017				<0.02 (*)			
3/28/2017					<0.02 (*)		
3/30/2017	<0.02	<0.02				0.0479	
4/3/2017			<0.02				
9/26/2017					0.0029 (J)		0.0019 (J)
9/29/2017				0.0012 (JD)			
10/2/2017	<0.02	<0.02	<0.02				
10/4/2017						0.0429	
3/14/2018					<0.02		<0.02
3/16/2018	<0.02		<0.02	0.0042 (J)			
3/19/2018		<0.02				<0.04	
9/12/2018					<0.02		<0.02
9/14/2018		<0.02	<0.02	<0.02			
9/17/2018	<0.02 (D)					0.04	
3/13/2019							<0.02
3/14/2019				0.0035 (J)			
3/15/2019					0.0023 (J)		
3/19/2019			<0.02				
3/20/2019	<0.02	<0.02				0.028	
9/9/2019					0.0047 (J)		0.0058 (J)
9/12/2019	0.0047 (J)	0.00505 (JD)					
9/13/2019			0.0078 (J)			0.036	
3/9/2020				0.009 (J)	0.0035 (J)		0.002 (J)
3/11/2020	0.0035 (J)	0.0028 (J)	0.0038 (J)			0.031	
9/10/2020					<0.02		
9/11/2020							<0.02
9/15/2020	<0.02	<0.02	<0.02				
9/16/2020				<0.02			
3/10/2021							<0.02
3/12/2021					0.0065 (J)		
3/16/2021	0.0091 (J)		<0.02	<0.02			
3/17/2021		<0.02					

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)
3/29/2021						<0.02	
8/4/2021					<0.02		<0.02
8/6/2021				<0.02			
8/9/2021	<0.02	<0.02	<0.02			<0.02	
1/31/2022					<0.02		<0.02
2/1/2022	<0.02	<0.02	<0.02				
2/2/2022				<0.02		<0.02	
8/10/2022					<0.02		
8/12/2022							<0.02
8/16/2022	<0.02	<0.02	<0.02	<0.02		<0.02	
2/13/2023					<0.02		<0.02
2/14/2023				<0.02			
2/16/2023	<0.02	<0.02	<0.02				
2/17/2023						<0.02	
7/25/2023				<0.02			
7/26/2023					<0.02		<0.02
7/27/2023	<0.02	0.011 (J)	<0.02				
8/1/2023						<0.02	
2/19/2024				<0.02	<0.02		<0.02
2/22/2024	<0.02	<0.02				<0.02	
2/26/2024			0.055				
8/1/2024				<0.02	<0.02		<0.02
8/6/2024			<0.02				
8/7/2024	<0.02	<0.02					
8/8/2024						<0.02	
2/25/2025					<0.02		<0.02
2/26/2025				<0.02		<0.02	
2/27/2025	<0.02	<0.02	<0.02				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
12/12/2008							0.048 (O)
4/23/2009							0.0075
10/6/2009							0.0075
4/27/2010							0.0051
9/30/2010							0.0089
4/14/2011							0.0043
10/5/2011							0.0051
4/11/2012							<0.02
10/2/2012							0.006
4/9/2013							0.0034
10/15/2013							0.0042
4/10/2014							0.0035
10/1/2014							0.0019 (J)
3/30/2015							0.0032
10/11/2015							0.0048
3/11/2016			0.00862 (J)	0.0093 (J)	0.00722 (J)		
3/15/2016	<0.02	0.00286 (J)					
3/28/2016							0.00282 (J)
5/12/2016	<0.02						
5/13/2016		<0.02		0.00336 (J)	0.00666 (J)		
5/16/2016			0.00744 (J)				
7/19/2016				<0.02 (*)	<0.02 (*)		
7/20/2016	<0.02						
7/21/2016		<0.02 (*)					
7/22/2016			<0.02 (*)				
8/1/2016							<0.02
9/15/2016	0.0027 (J)						
9/16/2016				0.0023 (J)	<0.02		
9/19/2016			0.0162				
9/21/2016		<0.02					
11/2/2016				0.0047 (J)	0.0057 (J)		
11/3/2016	<0.02	<0.02	0.011				
1/17/2017		<0.02	0.0104				
1/18/2017	<0.02 (*)			<0.02	0.0022 (J)		
3/24/2017	<0.02 (*)						
3/27/2017		<0.02 (*)	<0.02 (*)				
3/28/2017				<0.02 (*)	<0.02		
4/7/2017						<0.02	<0.02
9/22/2017				0.0013 (J)	0.0014 (J)		
9/25/2017	<0.02	0.0023 (J)					
9/26/2017			0.0094 (J)				
10/2/2017							0.0015 (J)
10/3/2017						<0.02 (D)	
3/14/2018	<0.02	<0.02	<0.02	<0.02			
3/15/2018					<0.02		
3/16/2018							<0.02
3/21/2018						<0.02	
9/12/2018	<0.02	<0.02		<0.02	<0.02		
9/14/2018			<0.02				
9/17/2018							<0.02
9/18/2018						<0.02	
3/13/2019				0.0022 (J)	0.0023 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41 (bg)	GWA-41R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)
3/14/2019	<0.02	0.0021 (J)	0.01				
3/19/2019							<0.02
3/21/2019						0.0034 (JD)	
9/10/2019	0.00745 (JD)	0.0075 (J)	0.014				
9/11/2019				0.0065 (J)	0.0053 (J)		
9/12/2019						0.0072 (JD)	
9/13/2019							0.0061 (J)
3/6/2020	0.0027 (J)		0.012				
3/9/2020		0.0024 (J)		0.002 (J)	0.0022 (J)		
3/11/2020							0.0025 (J)
3/12/2020						0.0027 (J)	
9/10/2020	<0.02	<0.02	0.0073 (J)				
9/11/2020				<0.02			
9/14/2020					<0.02		
9/16/2020							<0.02
9/17/2020						0.0047 (J)	
3/10/2021		<0.02					
3/11/2021	<0.02		0.0089 (J)	<0.02	<0.02		
3/16/2021						<0.02	
3/17/2021							<0.02
8/4/2021	<0.02	<0.02	<0.02				
8/5/2021					<0.02		
8/6/2021				<0.02			
8/9/2021							<0.02
8/10/2021						<0.02	
1/31/2022	<0.02	<0.02	<0.02	<0.02	<0.02		
2/1/2022							<0.02
2/3/2022						<0.02	
8/10/2022			0.0089 (J)		<0.02		
8/11/2022	<0.02	<0.02		<0.02			
8/16/2022							<0.02
8/17/2022						<0.02	
2/13/2023	<0.02	<0.02	0.011 (J)		<0.02		
2/14/2023				<0.02			
2/16/2023							<0.02
2/17/2023						<0.02	
7/25/2023	<0.02	<0.02		<0.02	<0.02		
7/26/2023			<0.02				
7/28/2023						<0.02	<0.02
2/19/2024	<0.02	<0.02					
2/20/2024			0.0095 (J)	<0.02	<0.02		
2/22/2024							<0.02
2/27/2024						<0.02	
8/1/2024	<0.02	<0.02	0.01 (J)				
8/2/2024				<0.02	<0.02		
8/8/2024						<0.02	<0.02
2/25/2025	<0.02	0.0032 (J)	0.01 (J)	<0.02	<0.02		
2/27/2025							<0.02
2/28/2025						<0.02	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
8/21/2007		0.031	0.0066	<0.02	<0.02	0.036	0.0064
11/1/2007		0.0041	0.0086	<0.02	<0.02	0.0041	<0.02
11/18/2007				<0.02	<0.02		
11/19/2007						0.015	0.015
11/20/2007		0.056	0.005				
1/16/2008						0.074	
1/30/2008		0.032	0.0084	<0.02	<0.02		
1/31/2008							0.032 (O)
3/5/2008				<0.02		0.055	0.0061
3/6/2008		0.03	0.0073		0.0038		
5/7/2008				0.015	<0.02		
5/8/2008			0.0084				
5/12/2008		0.008					0.012
5/13/2008						0.035	
12/12/2008	0.013 (J)						
12/13/2008		0.056				0.012 (J)	0.087 (O)
12/14/2008			0.0075 (J)	0.0086 (J)	0.0031 (J)		
4/16/2009						0.053	
4/23/2009	0.075 (O)						
4/28/2009							0.067 (O)
4/29/2009		0.057	0.0028	0.0037	0.0031		
10/6/2009	0.056 (O)						
10/20/2009		0.0037					
10/21/2009			<0.02			0.0063	0.025 (O)
10/22/2009				<0.02	0.0029		
4/21/2010			<0.02	<0.02	0.0027		
4/26/2010		<0.02					
4/27/2010						0.045	
4/28/2010							0.014
5/3/2010	0.051 (O)						
9/28/2010			0.005	0.0042			
9/29/2010		0.012			<0.02		
10/5/2010						0.0047	0.012
10/11/2010	0.016						
4/12/2011			<0.02	<0.02			
4/13/2011		<0.02			<0.02		
4/19/2011						0.0068	0.012
4/27/2011	0.025 (O)						
10/4/2011			0.0088	0.012	0.003		
10/5/2011		0.0031					
10/12/2011						0.0048	
10/18/2011							0.025
10/19/2011	0.0078						
4/3/2012			<0.02	<0.02			
4/4/2012		<0.02			<0.02		
4/24/2012						<0.02	
4/25/2012							0.014
5/1/2012	0.0134						
10/2/2012	0.012					<0.02	0.0089
10/3/2012		0.0085		<0.02	0.0029		
10/8/2012			0.0034				
4/2/2013						0.0081	0.0082

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
4/3/2013		0.0061	<0.02	<0.02	0.0035		
4/10/2013	0.018						
10/8/2013							0.015
10/9/2013				<0.02	<0.02	0.0032	
10/15/2013		0.008	0.0027				
10/16/2013	0.015						
4/1/2014						0.0025 (J)	0.0074
4/2/2014				0.0063	0.0033		
4/9/2014		0.0048	0.0025 (J)				
4/22/2014	0.015						
10/1/2014	0.0038						0.00077 (J)
10/2/2014		0.0023 (JV)	0.0027 (V)	0.0023 (J)	0.0027	0.0023 (J)	
3/30/2015	0.0097						
4/1/2015				0.0017 (J)	0.013	0.0035	0.0082
4/2/2015		0.0023 (J)	0.002 (J)				
10/10/2015		0.0024 (J)					
10/11/2015	0.0024 (J)			0.0016 (J)	0.017		
10/12/2015			<0.02				
10/14/2015						0.0066	
10/15/2015							0.0082
3/28/2016	0.00703 (J)						
3/31/2016		<0.02	0.00266 (J)				
4/4/2016				<0.02	0.00419 (J)	0.00858 (J)	0.00818 (J)
8/1/2016	<0.02						
8/3/2016			<0.02	<0.02		<0.02	
8/4/2016					<0.02		<0.02
8/5/2016		<0.02					
4/3/2017	<0.02						
4/10/2017		<0.02	<0.02	<0.02	<0.02		
4/11/2017						<0.02	
4/12/2017							<0.02
10/2/2017	0.0016 (J)						
10/4/2017		0.0012 (J)	<0.02	0.0014 (J)	0.0014 (J)	0.0104	
10/9/2017							<0.02
3/16/2018	<0.02						
3/20/2018		<0.02					
3/21/2018			<0.02	<0.02			<0.02
3/22/2018					<0.02	0.014	
9/18/2018	<0.02	<0.02	<0.02	<0.02	<0.02	0.013	
9/19/2018							<0.02
3/19/2019	<0.02						
3/22/2019		<0.02	<0.02				
3/23/2019				<0.02	<0.02	0.012	0.021
9/12/2019	0.0058 (J)						
9/17/2019		0.0052 (J)	0.0048 (J)	0.0056 (J)	0.0075 (J)	0.018 (D)	
9/18/2019							0.007 (J)
3/11/2020	0.0033 (J)						
3/12/2020		0.0024 (J)	0.0027 (J)	0.0038 (J)	0.0053 (J)	0.015	
3/13/2020							0.0043 (J)
9/15/2020	<0.02						
9/17/2020		<0.02	<0.02				
9/21/2020				<0.02	0.0037 (J)	0.0065 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R (bg)	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-12	GWC-13
9/22/2020							<0.02
3/17/2021	<0.02						
3/18/2021		<0.02	<0.02				<0.02
3/19/2021				<0.02	<0.02	0.0076 (J)	
8/9/2021	<0.02						
8/10/2021		<0.02					
8/11/2021			<0.02	<0.02	<0.02	0.011 (J)	<0.02
2/2/2022	<0.02					0.019 (J)	
2/4/2022		<0.02	<0.02	<0.02	<0.02		
2/17/2022							<0.02
8/17/2022	<0.02	<0.02					
8/18/2022			<0.02	<0.02	<0.02	0.014 (J)	<0.02
2/16/2023	<0.02						
2/20/2023		<0.02	<0.02	<0.02	<0.02		
2/21/2023						<0.02	
2/22/2023							<0.02
7/28/2023	<0.02						
7/31/2023		<0.02	<0.02				
8/1/2023				<0.02	<0.02	<0.02	<0.02
2/22/2024	<0.02						
2/27/2024		<0.02	0.063			0.017 (J)	<0.02
2/28/2024				<0.02	<0.02		
8/8/2024	<0.02						
8/12/2024		<0.02	<0.02		<0.02	0.015 (J)	<0.02
8/13/2024				<0.02			
2/28/2025	<0.02	<0.02					
3/3/2025			<0.02		<0.02		<0.02
3/4/2025				<0.02		0.017 (J)	

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
8/21/2007	<0.02						
8/23/2007			0.0038				
8/24/2007		0.0036 (J)		0.052 (O)			
11/1/2007	0.0038						
11/2/2007		0.0026 (J)	0.0025	0.01 (J)			
11/17/2007		0.024 (O)	0.023 (O)				
11/18/2007				0.025 (J)			
11/19/2007	0.0055						
1/15/2008		0.0074	0.012	0.055 (O)			
1/31/2008	0.0063						
3/5/2008	0.0037	0.075 (O)					
3/6/2008			0.0069				
3/10/2008				0.018			
5/7/2008	0.0033	0.0088	0.007				
5/13/2008				0.0044			
12/2/2008		0.11 (O)	0.021 (O)	0.065 (O)			
12/12/2008	0.097 (O)						
4/16/2009		0.091 (O)					
4/28/2009			0.0055	0.0037 (J)			
4/29/2009	0.068 (O)						
10/19/2009			0.0051				
10/20/2009		0.056 (O)		0.0043			
10/21/2009	0.011						
4/20/2010		0.014					
4/27/2010			0.0068	<0.02			
4/28/2010	0.048 (O)						
9/29/2010		0.015					
10/4/2010			0.0074				
10/5/2010				0.0028			
10/6/2010	0.003						
4/12/2011		0.0028					
4/18/2011			0.0031				
4/19/2011				<0.02			
4/20/2011	0.0038						
10/4/2011		0.0025					
10/12/2011	0.0027		0.0067	<0.02			
4/4/2012		0.0105					
4/23/2012			<0.02				
4/25/2012	<0.02			<0.02			
10/2/2012	0.0059						
10/10/2012		0.0033	0.0046	<0.02			
4/2/2013	0.008						
4/15/2013		0.0031	0.006				
4/16/2013				0.005			
10/8/2013	0.0062						
10/22/2013		<0.02	0.0037	0.0028			
4/1/2014	0.0067						
4/21/2014		0.0032	0.0073	0.0028			
9/30/2014		0.0015 (J)	0.0027	0.0018 (J)			
10/1/2014	0.0024 (J)						
3/31/2015	0.0046						
4/3/2015		0.0015 (J)	0.0017 (J)	0.0021 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
10/6/2015				<0.02			
10/7/2015		<0.02	0.0042				
10/14/2015	0.002 (J)						
3/16/2016					0.00424 (J)	0.00244 (J)	0.00697 (J)
4/4/2016	<0.02						
4/5/2016		<0.02	0.00573 (J)	0.00288 (J)			
5/16/2016					0.00345 (J)	<0.02 (D)	0.00452 (JD)
7/25/2016					<0.02 (*)	0.006 (J*D)	0.0065 (*JD)
8/4/2016			<0.02				
8/9/2016		0.0016 (J)					
9/19/2016					0.004 (J)	0.0061 (JD)	0.0034 (JD)
11/3/2016					0.0047 (J)		0.0039 (JD)
11/4/2016						0.0032 (JD)	
1/19/2017					0.0035 (J)		
1/20/2017							0.0023 (JD)
1/23/2017						0.0031 (JD)	
3/28/2017					<0.02 (*)		
3/29/2017						0.00615 (*JD)	0.00705 (*JD)
4/11/2017	<0.02	<0.02		<0.02			
4/12/2017			<0.02				
9/26/2017					0.0039 (J)		
9/27/2017						0.0048 (J)	0.0036 (J)
10/5/2017		0.0024 (J)					
10/6/2017	<0.02		0.0024 (J)	<0.02			
3/15/2018					<0.02	<0.02	<0.02
3/22/2018		<0.02					
3/23/2018	<0.02		<0.02	<0.02			
9/12/2018					<0.02		
9/13/2018						<0.02	<0.02
9/19/2018		<0.02	<0.02	<0.02			
9/20/2018	<0.02						
3/14/2019					0.0039 (J)	<0.02 (D)	0.0022 (JD)
3/22/2019	0.0048 (J)	<0.02		<0.02			
3/25/2019			0.0039 (J)				
9/11/2019					0.0068 (J)	0.0065 (JD)	0.0058 (JD)
9/17/2019		0.0057 (X)	0.0066 (J)	0.0048 (X)			
9/18/2019	0.0091 (X)						
3/10/2020					0.0049 (J)	0.0031 (J)	0.0035 (J)
3/13/2020		0.0028 (J)	0.0057 (J)	0.0026 (J)			
3/17/2020	0.0057 (J)						
9/11/2020						<0.02	<0.02
9/15/2020					0.0062 (J)		
9/21/2020		<0.02	0.0036 (J)	<0.02			
9/22/2020	<0.02						
3/11/2021					0.004 (J)	<0.02	<0.02
3/18/2021		<0.02	<0.02	<0.02			
3/19/2021	<0.02						
8/4/2021					<0.02		
8/6/2021						<0.02	<0.02
8/11/2021		<0.02	<0.02	<0.02			
8/12/2021	<0.02						
1/31/2022					<0.02		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-14Z	GWC-15R	GWC-15Z	GWC-44	GWC-45	GWC-45R
2/1/2022						<0.02	<0.02
2/4/2022	<0.02	<0.02	<0.02				
2/7/2022				<0.02			
8/12/2022						<0.02	<0.02
8/15/2022					<0.02		
8/18/2022		<0.02					
8/19/2022	<0.02		<0.02	<0.02			
2/14/2023					<0.02	<0.02	<0.02
2/22/2023	<0.02	<0.02	<0.02	<0.02			
7/26/2023					<0.02	<0.02	<0.02
8/1/2023		<0.02		<0.02			
8/2/2023	<0.02		<0.02				
2/20/2024					<0.02	<0.02	<0.02
2/28/2024	<0.02	<0.02	0.028	<0.02			
8/5/2024						<0.02	<0.02
8/6/2024					<0.02		
8/13/2024	<0.02	<0.02	<0.02	<0.02			
2/26/2025					0.004 (J)	<0.02	<0.02
3/3/2025		<0.02	0.0035 (J)	<0.02			
3/4/2025	0.0025 (J)						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
8/23/2007							0.016
10/25/2007							0.061
11/19/2007							0.053
1/23/2008							0.14
3/11/2008							0.13
5/12/2008							0.11
12/11/2008							0.04 (J)
4/15/2009							0.11
10/9/2009							0.15
5/4/2010							0.077
10/12/2010							0.077
4/28/2011							0.032
10/19/2011							0.11
5/2/2012							0.138
10/9/2012							0.097
4/11/2013							0.047
10/16/2013							0.098
4/23/2014							0.066
10/3/2014							0.13 (V)
3/31/2015							0.05
10/12/2015							0.048
3/10/2016	0.00337 (J)	0.027	0.0154	0.00618 (J)			
3/17/2016					<0.02	<0.02	
3/28/2016							0.0534
5/17/2016	0.00268 (J)			0.00672 (J)			
5/18/2016		0.0277	0.0136		<0.02	0.00208 (J)	
7/26/2016	<0.02 (*)						
7/27/2016		0.0221	0.0153	<0.02 (*)	<0.02 (*)		
7/28/2016						<0.02 (*)	
8/1/2016							0.055
9/20/2016	0.0058 (J)	0.03	0.0173	0.0081 (J)			
9/21/2016					<0.02	0.0079 (J)	
11/4/2016	0.0029 (J)		0.0149	0.0071 (J)	<0.02		
11/7/2016		0.0202				<0.02 (*)	
1/20/2017	<0.02		0.0134				
1/23/2017		0.0156		<0.02			
1/24/2017					<0.02	0.0053 (J)	
3/28/2017	<0.02 (*)			<0.02 (*)			
3/29/2017		<0.036 (*)	<0.02 (*)		<0.02 (*)		
3/30/2017						<0.02 (*)	
4/3/2017							0.0436
9/27/2017		0.0196	0.0111				
9/29/2017	0.0016 (J)			0.0055 (J)	<0.02	0.004 (J)	
10/3/2017							0.0393
12/28/2017		0.0315 (Y)					
3/15/2018	<0.02	<0.036		<0.02	<0.02	<0.02	
3/16/2018			0.012				
3/19/2018							<0.034
9/13/2018	<0.02	0.031	<0.02	<0.02	<0.02		
9/14/2018						<0.02	
9/17/2018							0.03
3/15/2019		0.051		0.0058 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-47	GWC-47R	GWC-48	GWC-49R	GWC-49Z	GWC-5
3/18/2019	<0.02				<0.02		
3/19/2019			0.016			0.0034 (J)	
3/20/2019							0.032
9/11/2019	0.0055 (J)		0.028	0.011 (D)	0.005 (J)	0.0085 (J)	
9/12/2019		0.035					
9/16/2019							0.035
3/9/2020		0.044	0.032	0.0079 (J)		0.0047 (J)	
3/10/2020	0.0029 (J)						
3/11/2020					0.0036 (J)		
3/16/2020							0.047
9/11/2020					<0.02		
9/14/2020	<0.02	0.032		0.0076 (J)		0.0042 (J)	
9/15/2020			0.028				
9/16/2020							0.033
3/11/2021	<0.02	0.047	0.028	0.0088 (J)			
3/15/2021					<0.02	<0.02	
3/17/2021							0.027
8/4/2021				<0.02			
8/5/2021	<0.02	0.037	0.024			<0.02	
8/9/2021							0.036
8/11/2021					<0.02		
1/31/2022	<0.02			<0.02			
2/1/2022		0.038	0.029		<0.02	<0.02	
2/2/2022							0.034
8/15/2022	<0.02	0.027 (J)	0.04	0.0094 (J)	<0.02	<0.02	
8/16/2022							0.03
2/14/2023	<0.02	0.05	0.031	0.011 (J)	<0.02	<0.02	
2/20/2023							0.032
7/26/2023	<0.02			0.012 (J)			
7/27/2023		0.049	0.024		<0.02	<0.02	
7/28/2023							0.027
2/21/2024	<0.02	0.06	<0.02	0.011 (J)	<0.02	<0.02	
2/26/2024							0.028
8/5/2024	<0.02	0.063	0.017 (J)	0.0099 (J)			
8/6/2024					<0.02	<0.02	
8/8/2024							0.026
2/26/2025	<0.02	0.05	0.018 (J)	0.016 (J)	<0.02	<0.02	
2/27/2025							0.022

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
8/22/2007	0.04 (O)					
8/23/2007						0.011
10/25/2007	0.0062					
11/1/2007						0.012
11/19/2007						0.026 (J)
11/20/2007	0.03 (O)					
1/15/2008						0.075 (O)
1/23/2008	0.048 (O)					
3/6/2008						0.051 (O)
3/11/2008	0.016					
5/13/2008						0.0084
5/14/2008	0.02					
12/11/2008	0.021					
12/12/2008						0.077 (O)
4/16/2009						0.064 (O)
4/23/2009	0.0058 (J)					
10/9/2009	0.055 (O)					
10/13/2009						0.013
4/21/2010						0.0035
5/4/2010	0.045 (O)					
9/29/2010						0.0085
10/11/2010	0.015					
4/13/2011						0.0028
4/26/2011	0.0067					
10/5/2011						0.0038
10/18/2011	0.0055			0.0032		
4/4/2012						0.0126
4/30/2012				<0.02		
5/2/2012	<0.02					
10/3/2012				0.0034		
10/8/2012	0.0043					0.0043
4/8/2013				0.0039		0.0068
4/10/2013	0.0067					
10/8/2013	0.0091					
10/9/2013				0.0078		0.0082
4/9/2014						0.0043
4/10/2014				0.0064		
4/14/2014	0.0063					
9/30/2014						0.0029
10/2/2014				0.0009 (JV)		
10/3/2014	0.0065 (V)					
4/1/2015	0.0059					
4/2/2015						0.0056
4/3/2015				<0.02		
5/26/2015		0.0035			0.0017 (J)	
6/18/2015		0.0025 (D)			0.0052 (D)	
7/2/2015		0.0018 (J)			0.0027	
10/8/2015				0.013	<0.02	
10/9/2015	<0.02	0.0019 (J)				
10/10/2015						0.0065 (D)
3/22/2016					0.00459 (J)	
3/29/2016	<0.02	0.00345 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 1:41 PM View: Descriptive

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6RZ	GWC-7Z	GWC-8RR	GWC-8Z	GWC-9
3/30/2016				0.00323 (J)		0.00487 (J)
8/1/2016	<0.02	<0.02				
8/2/2016			<0.02	<0.02	<0.02	
8/5/2016						<0.02
4/6/2017	<0.02	<0.02	<0.02	<0.02		<0.02
4/7/2017					<0.02	
10/3/2017	<0.02	0.0014 (J)	<0.02		0.0022 (J)	0.0023 (J)
10/4/2017				<0.02		
3/19/2018	<0.02					
3/20/2018		<0.02	<0.02		<0.02	<0.02
3/21/2018				<0.02		
9/17/2018	<0.02	<0.02				
9/18/2018			<0.02	<0.02	<0.02	<0.02 (D)
3/21/2019	<0.02	<0.02	<0.02			0.0024 (J)
3/27/2019				<0.02		
5/6/2019					0.0024 (J)	
9/13/2019			0.0053 (J)			
9/16/2019	0.0058 (J)	0.0057 (J)		0.00525 (JD)	0.0065 (J)	0.0062 (J)
3/12/2020	0.0042 (J)	0.0032 (J)	0.0031 (J)	0.002 (J)		0.0045 (J)
3/16/2020					0.0073 (J)	
9/16/2020	<0.02	<0.02	<0.02			
9/17/2020				<0.02	<0.02	<0.02
3/17/2021	<0.02	<0.02	<0.02	<0.02		
3/18/2021					<0.02	<0.02
8/10/2021	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
2/2/2022	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
8/17/2022	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
2/17/2023	<0.02	<0.02				
2/20/2023			<0.02		<0.02	
2/21/2023				<0.02		<0.02
7/28/2023		<0.02				
7/31/2023	<0.02		<0.02	<0.02	<0.02	<0.02
2/26/2024	<0.02	<0.02	0.066		0.057	
2/27/2024				<0.02		<0.02
8/8/2024	<0.02	<0.02	<0.02			
8/12/2024				<0.02	<0.02	<0.02
2/27/2025	<0.02	<0.02	<0.02			
2/28/2025					<0.02	0.0032 (J)
3/4/2025				<0.02		

ND substitution: RL or RL/2 if <15% NDs.

FIGURE B.

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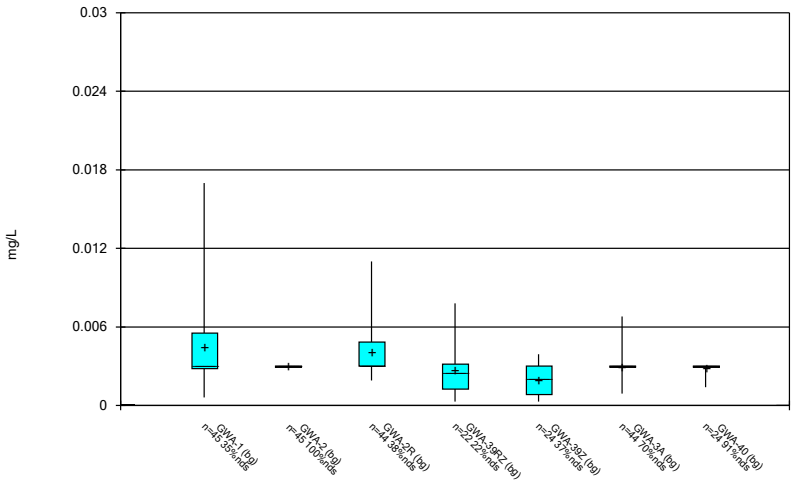
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/23/2025 1:45 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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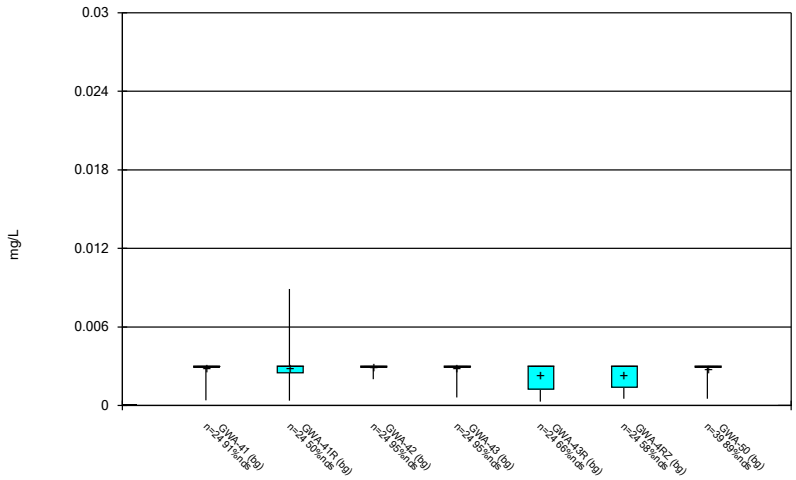
Box & Whiskers Plot



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Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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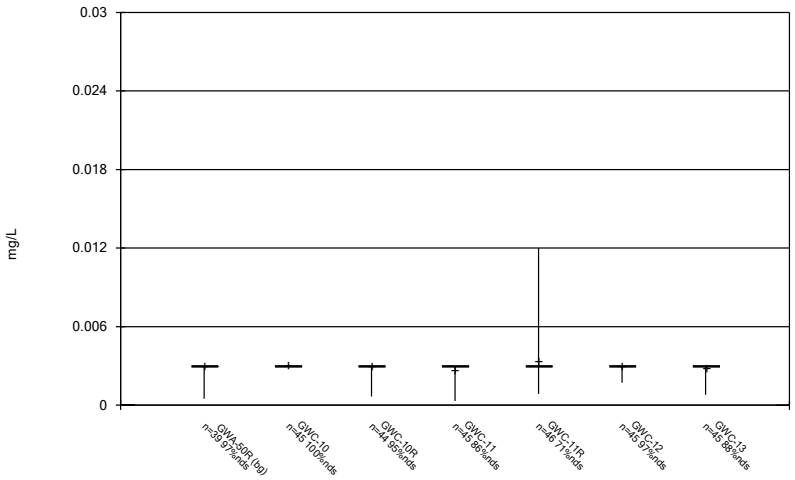
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/23/2025 1:46 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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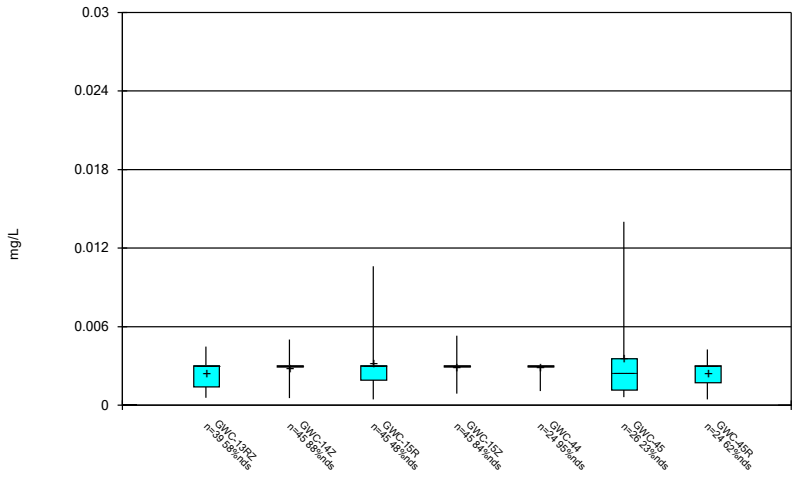
Box & Whiskers Plot



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Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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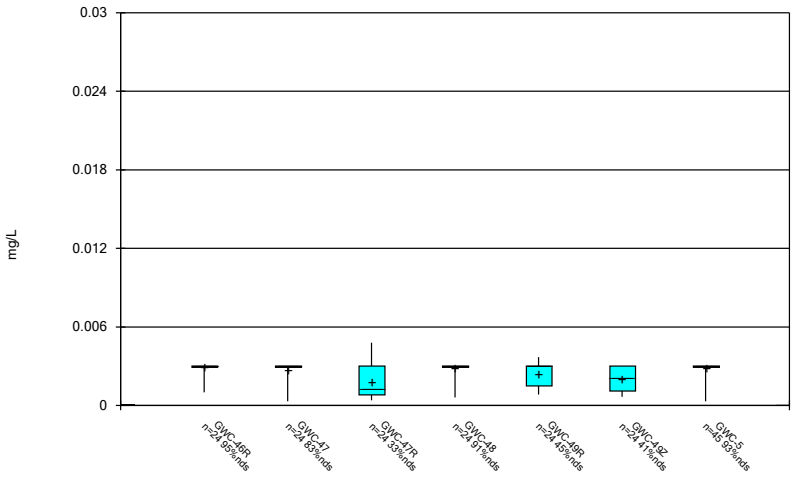
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/23/2025 1:46 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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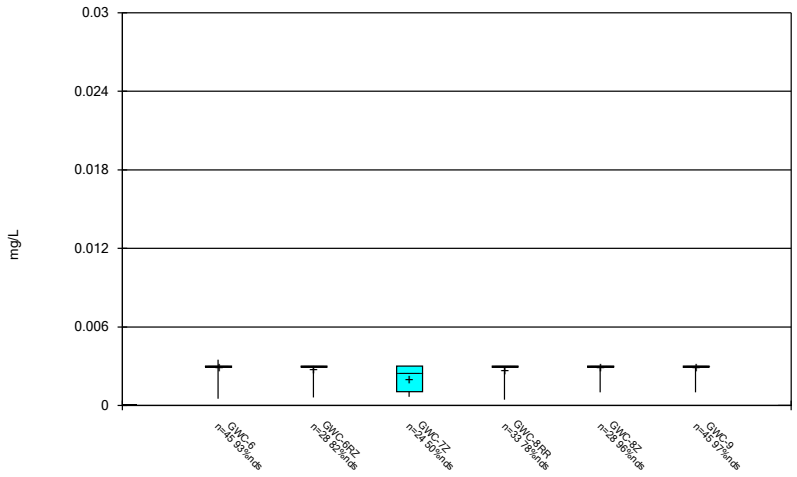
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/23/2025 1:46 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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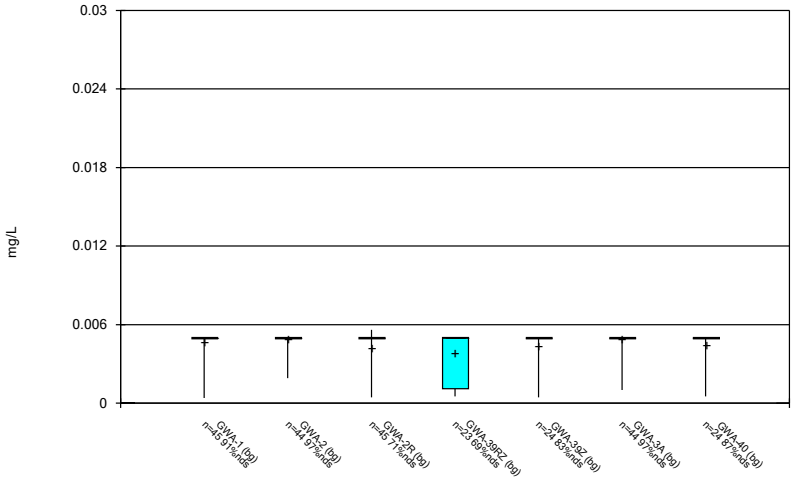
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/23/2025 1:46 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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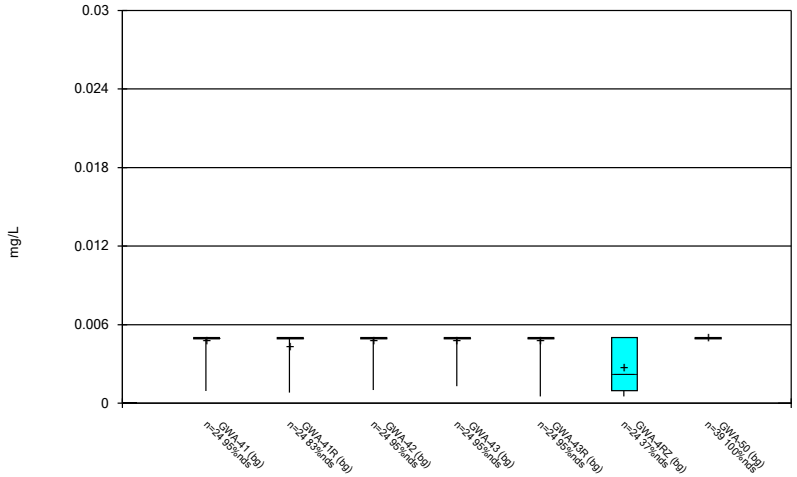
Box & Whiskers Plot



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Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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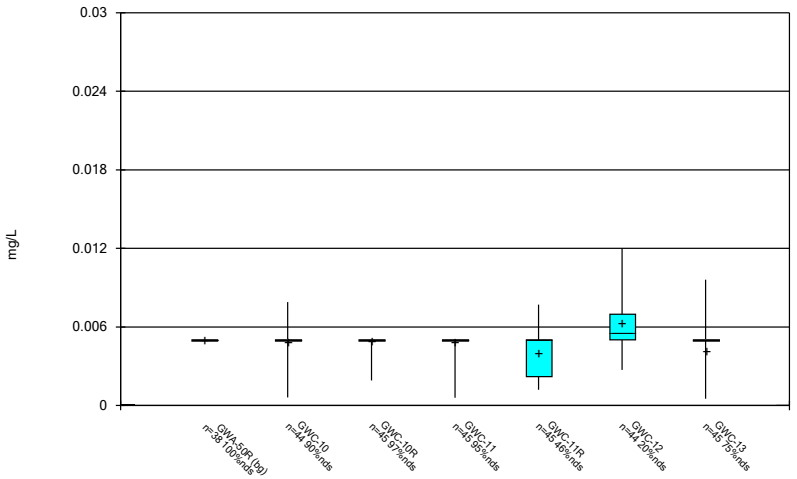
Box & Whiskers Plot



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Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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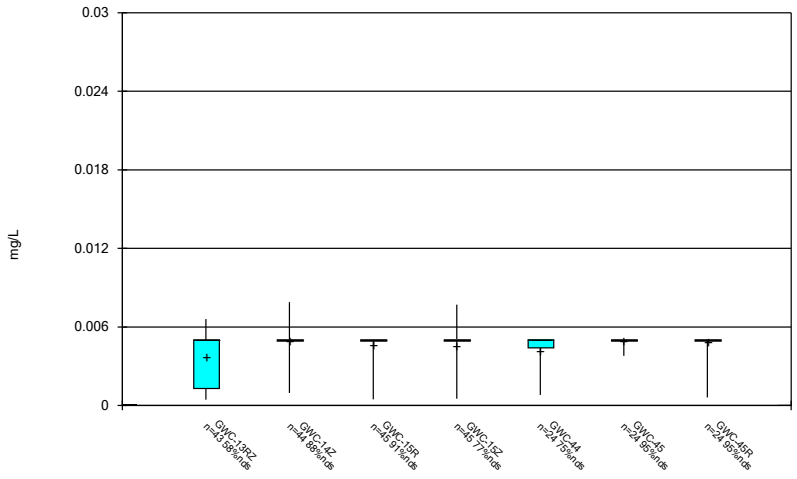
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/23/2025 1:46 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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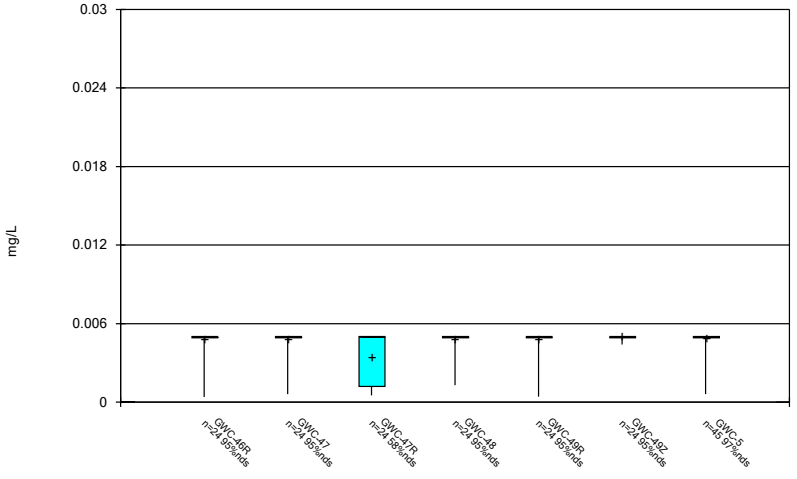
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/23/2025 1:46 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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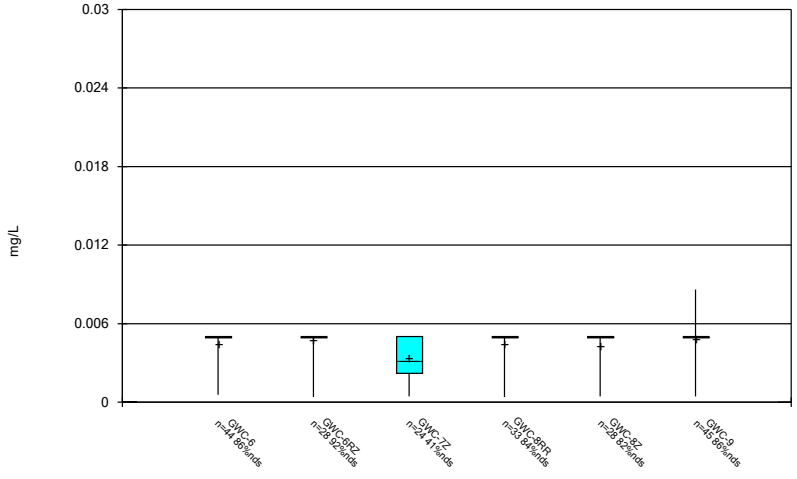
Box & Whiskers Plot



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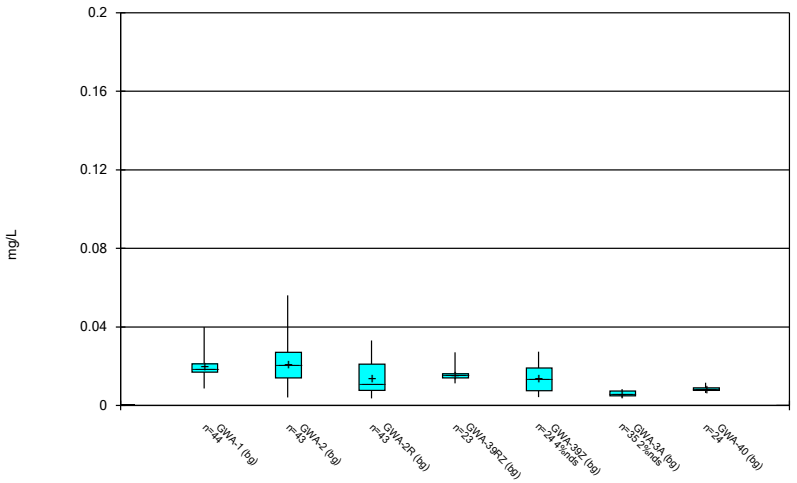
Box & Whiskers Plot



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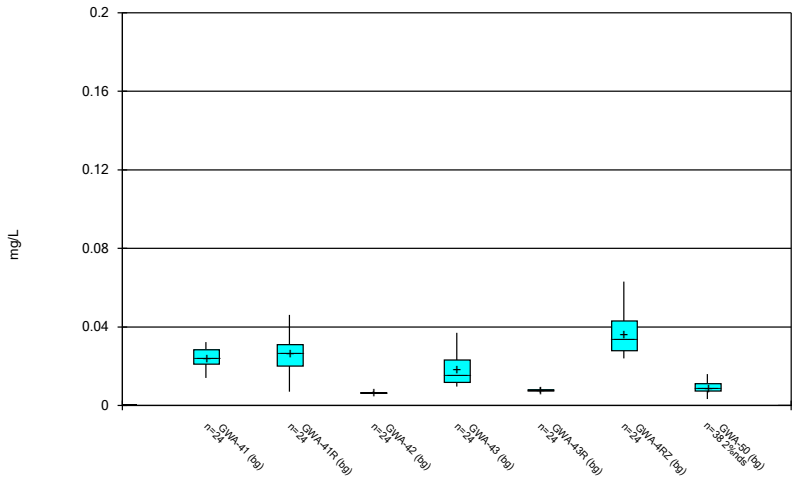
Box & Whiskers Plot



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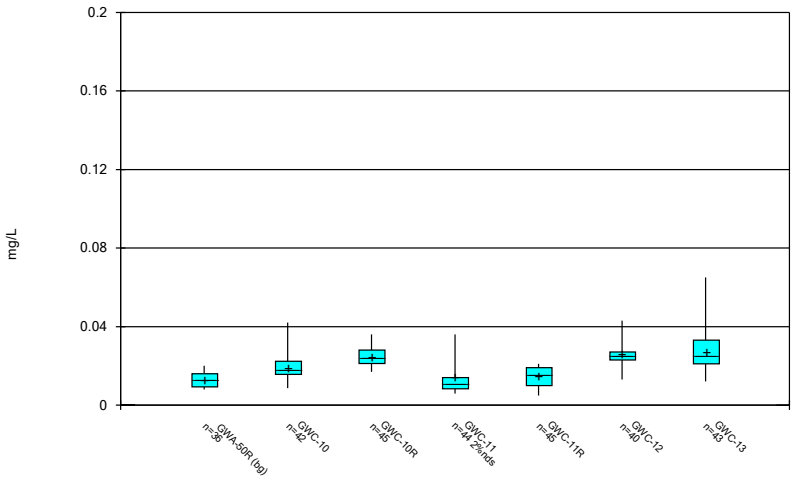
Box & Whiskers Plot



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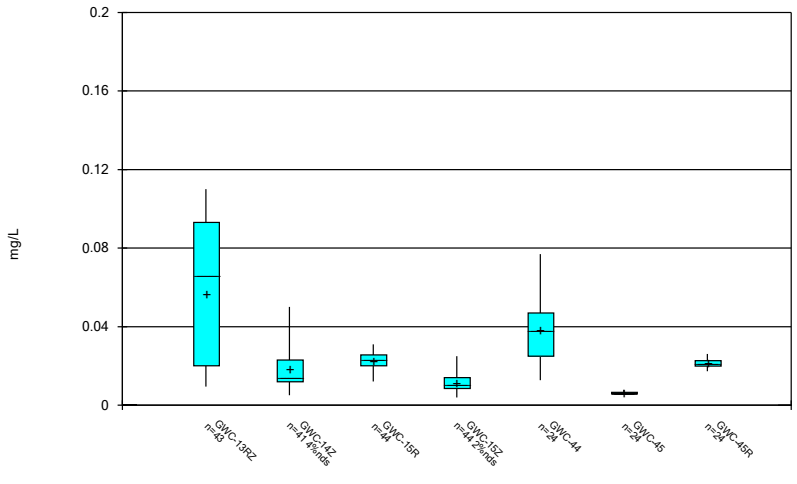
Box & Whiskers Plot



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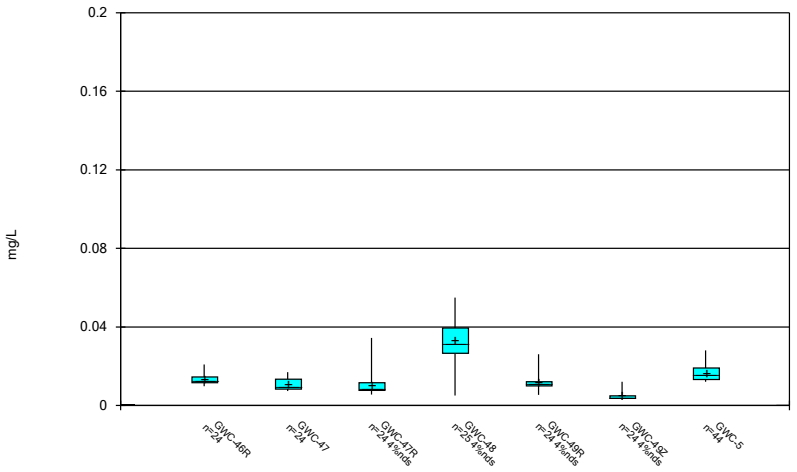
Box & Whiskers Plot



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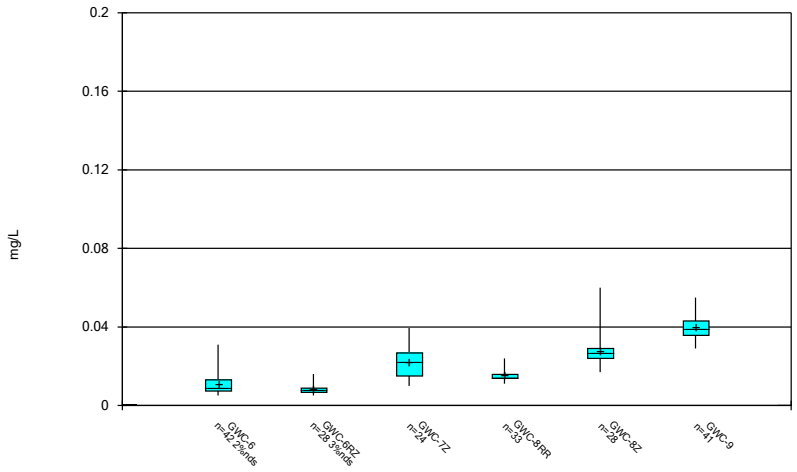

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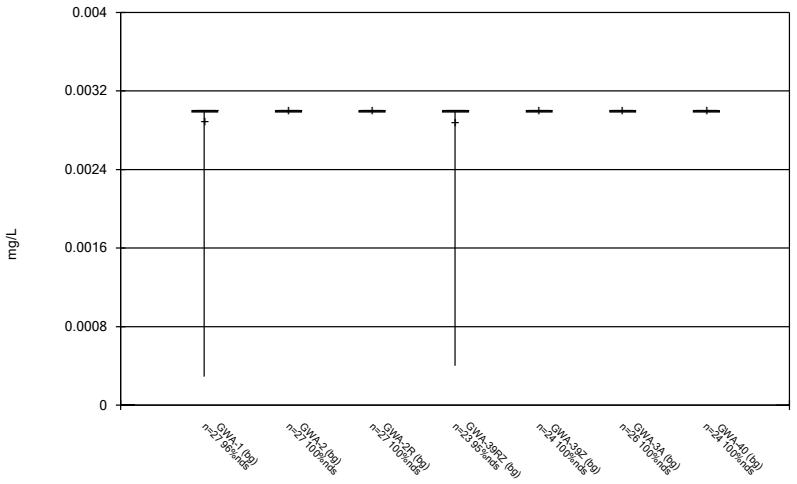

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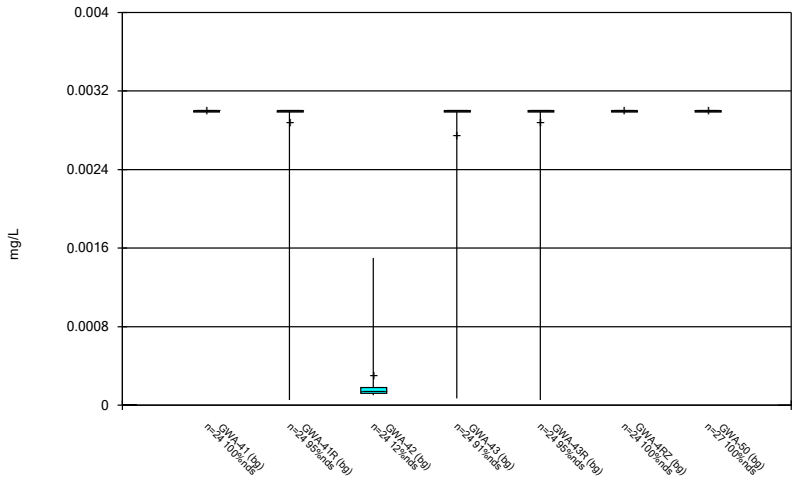
Box & Whiskers Plot



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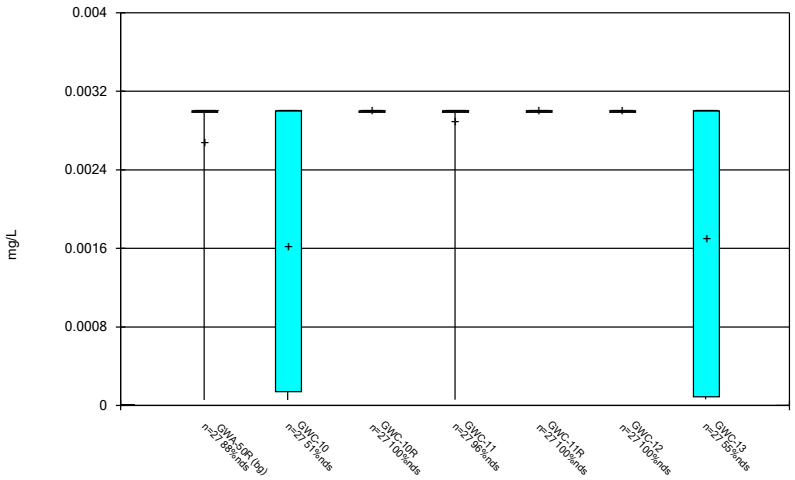

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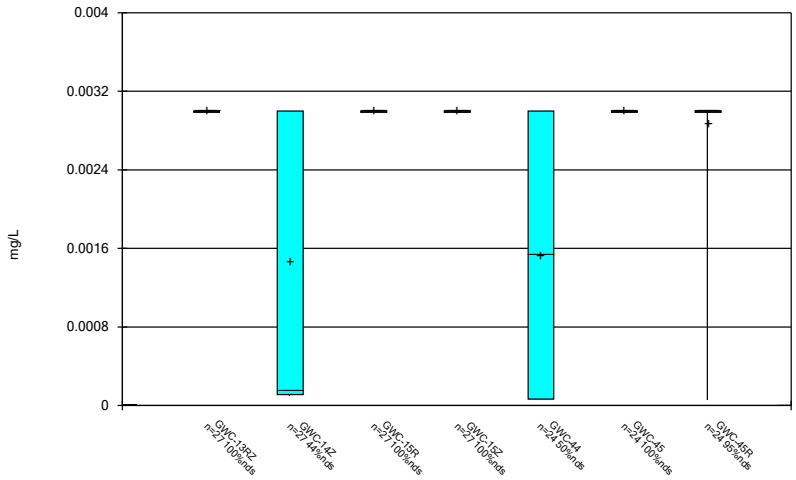

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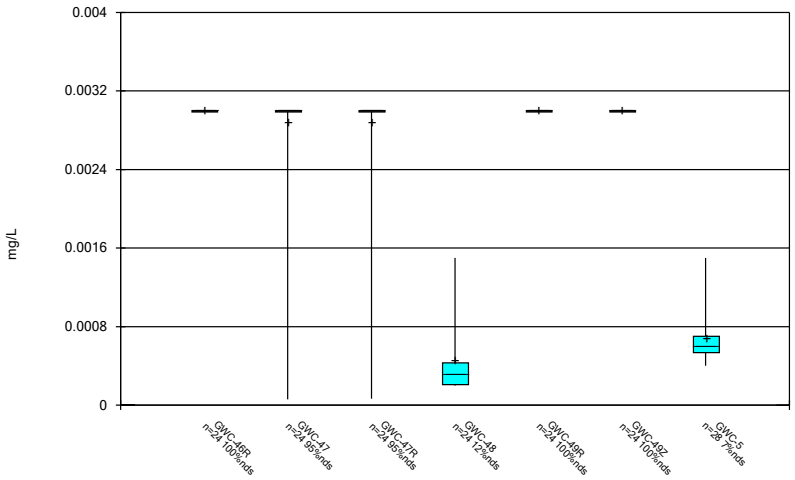

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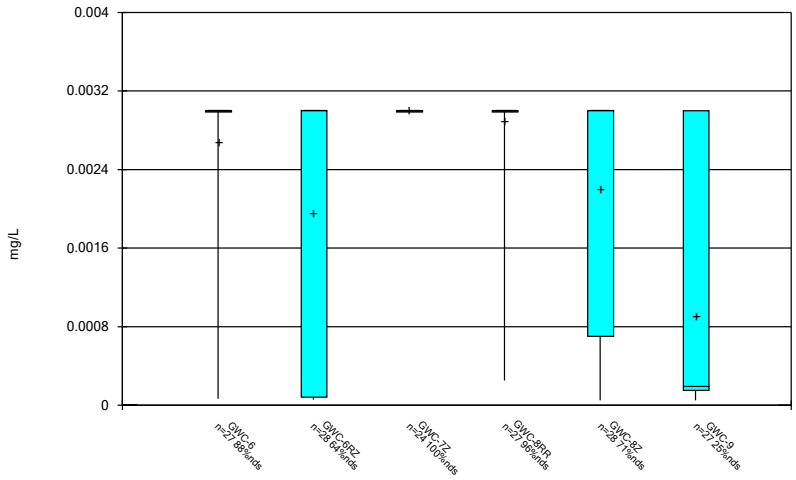

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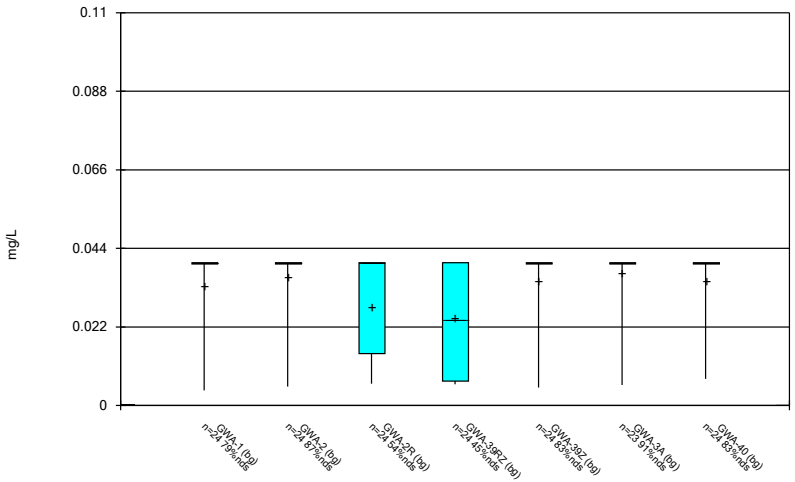

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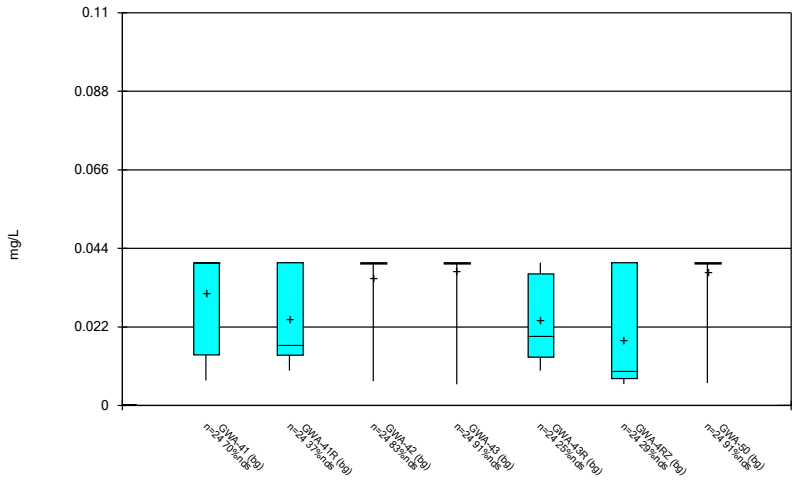

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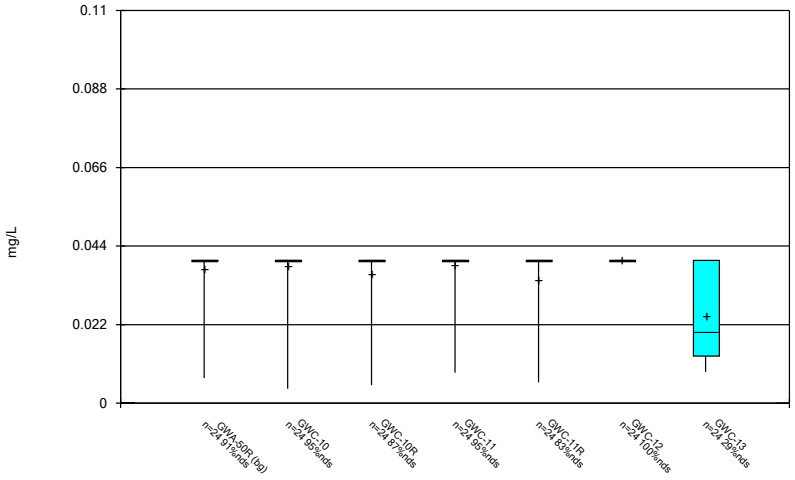

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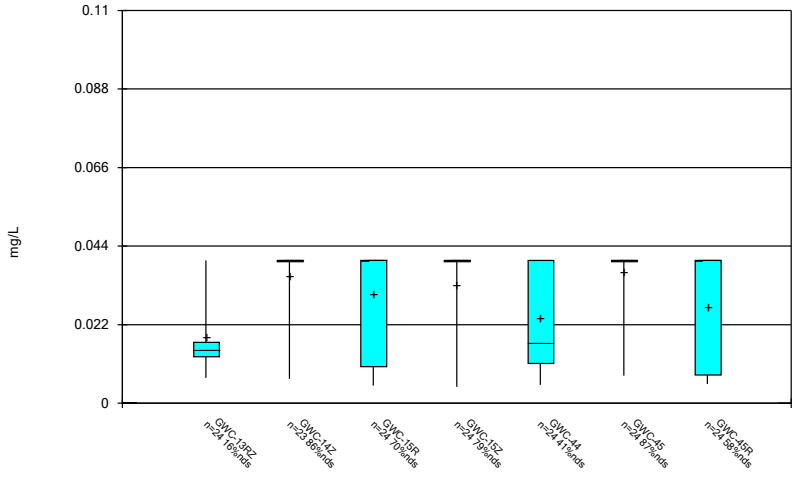

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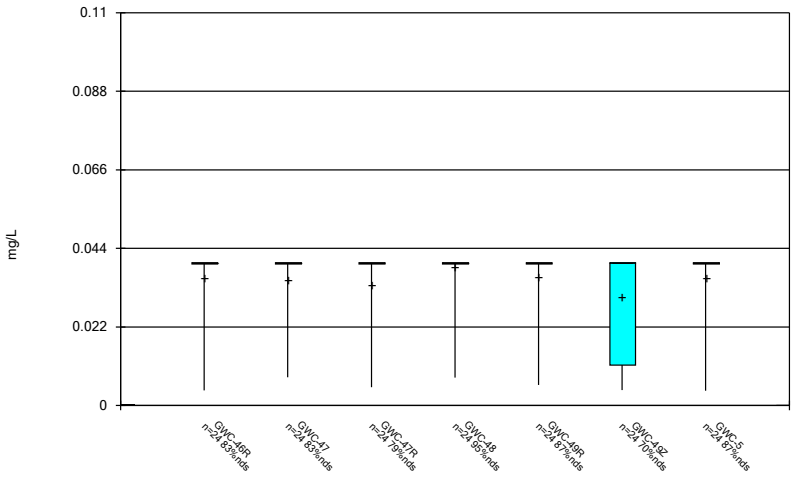

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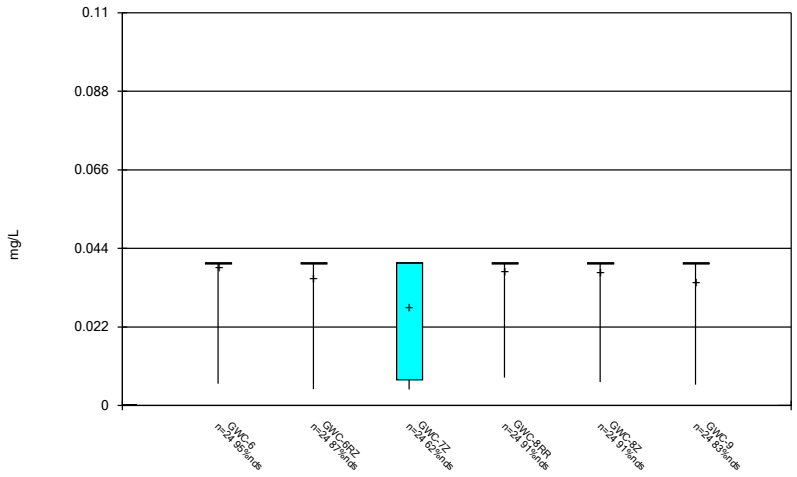

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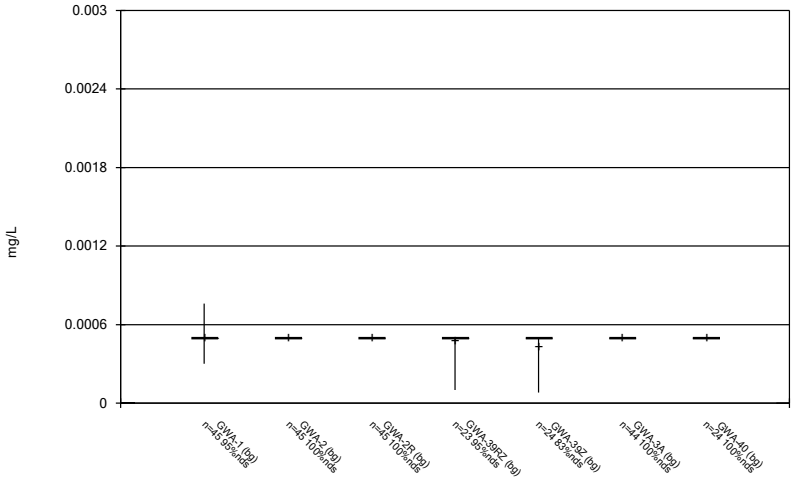

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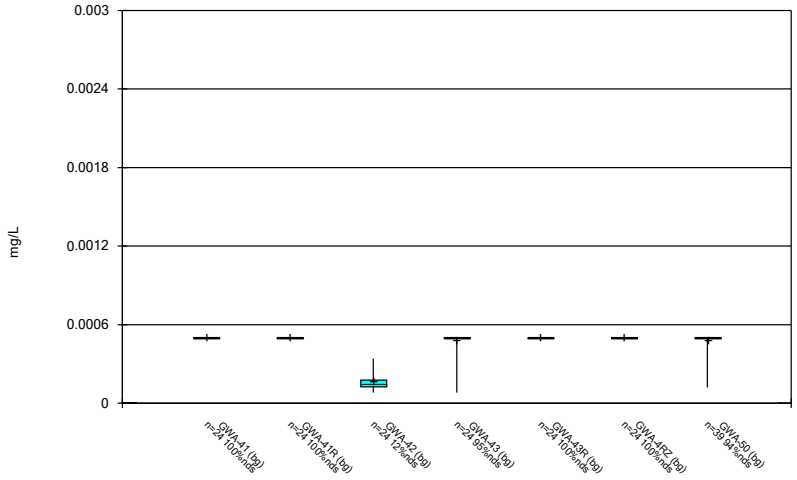

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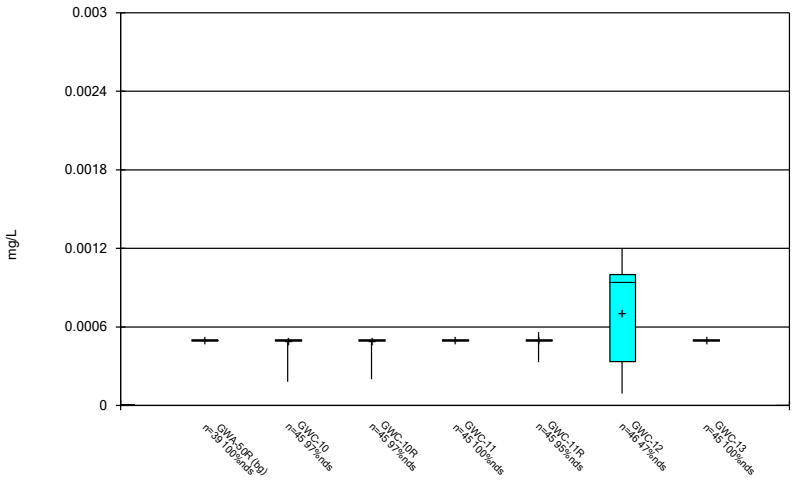

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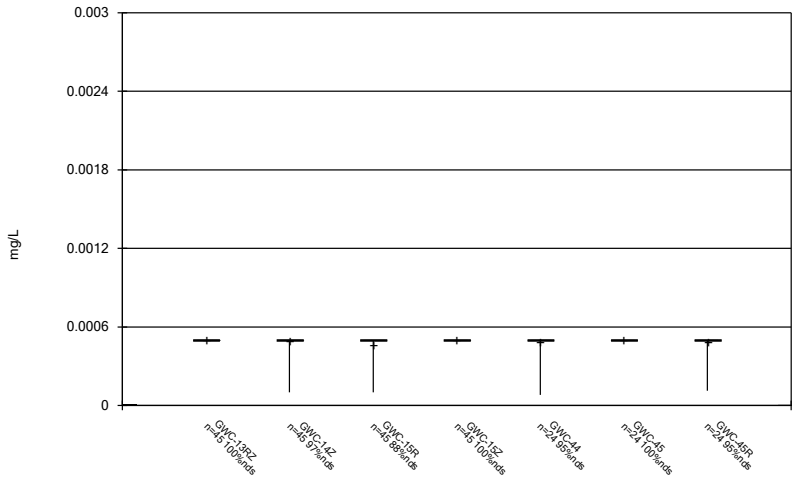

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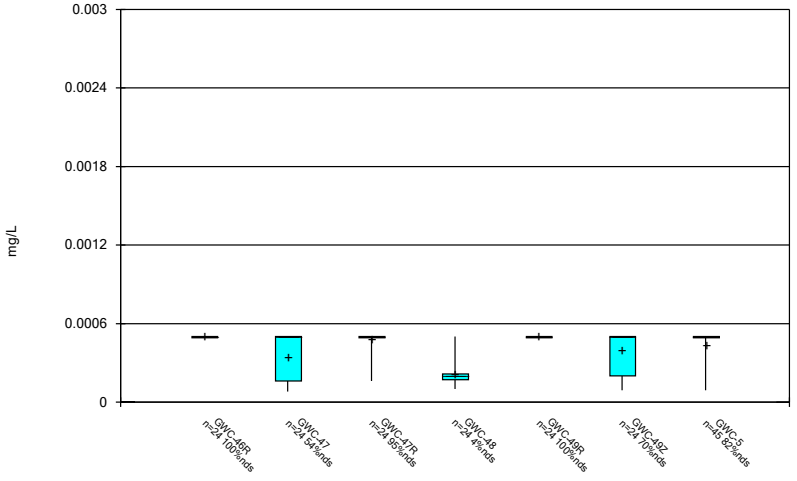

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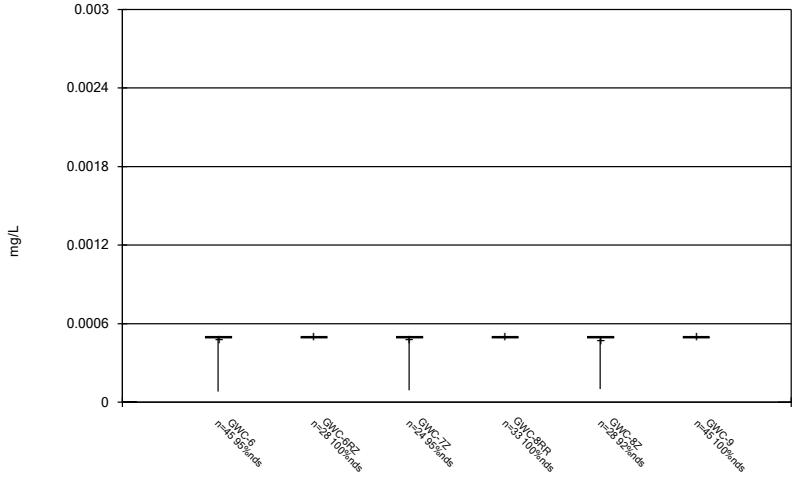

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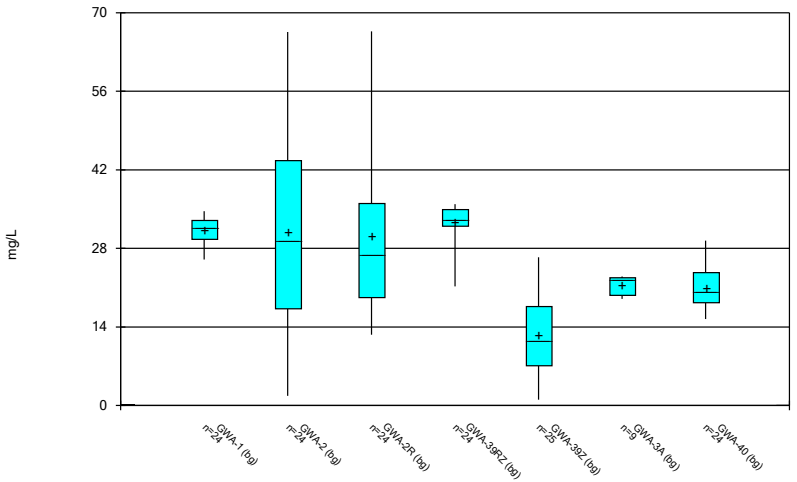

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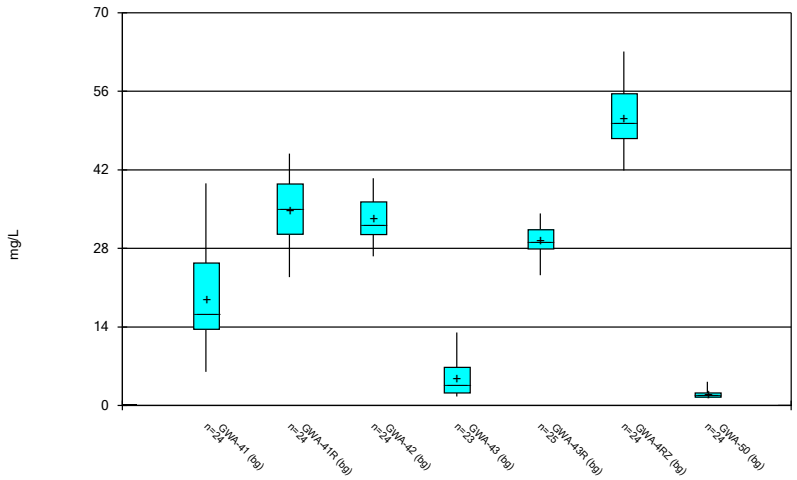

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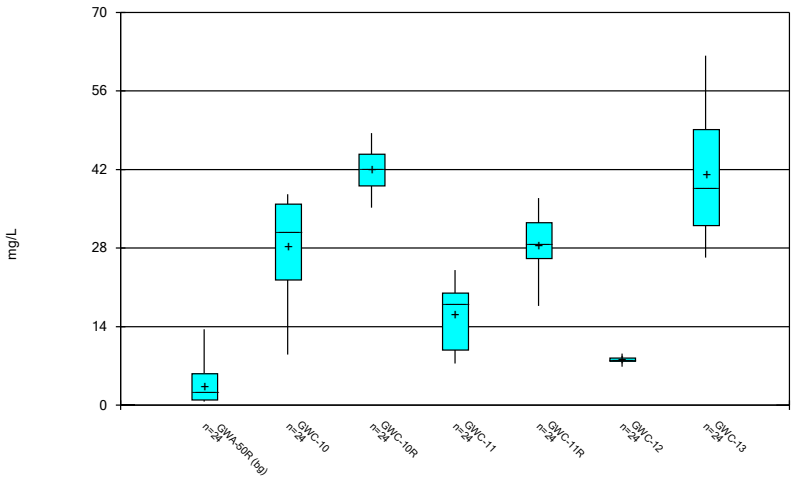

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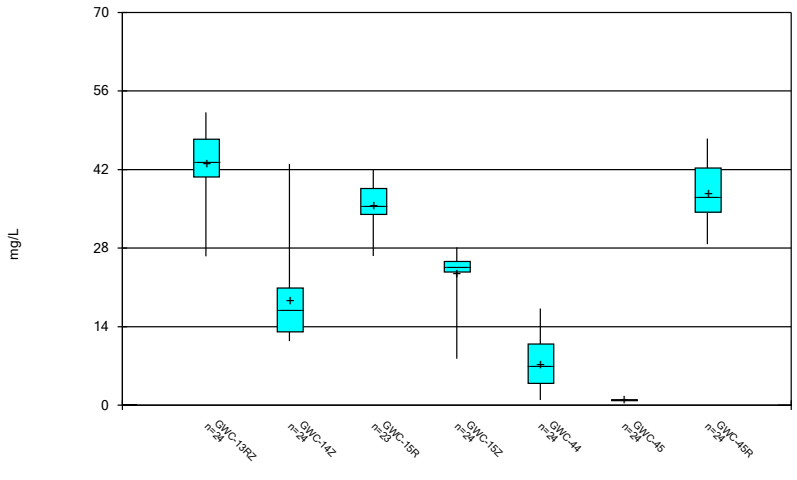

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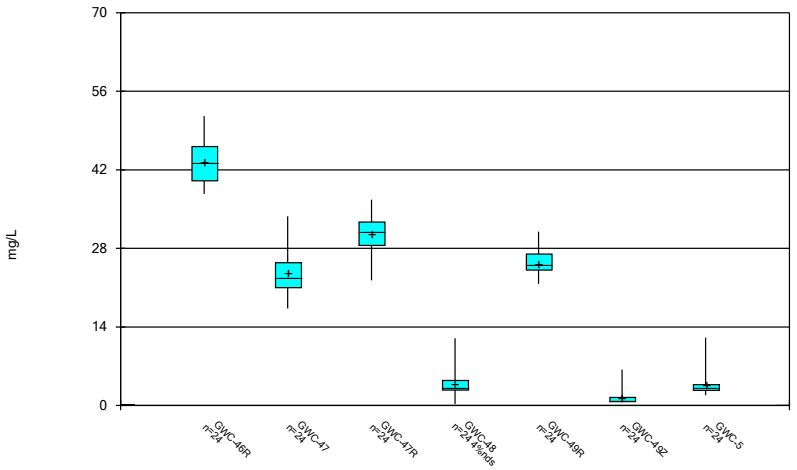

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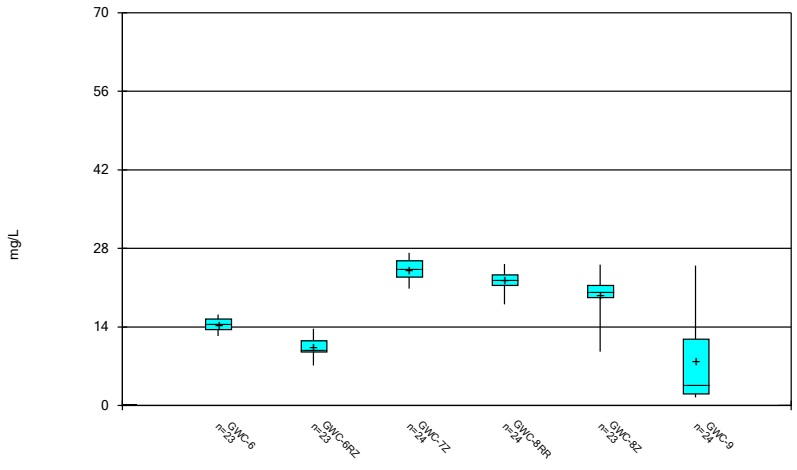

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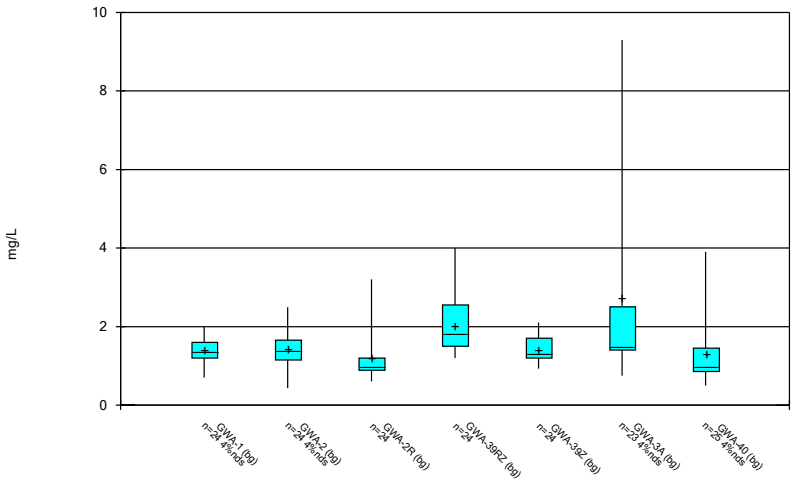

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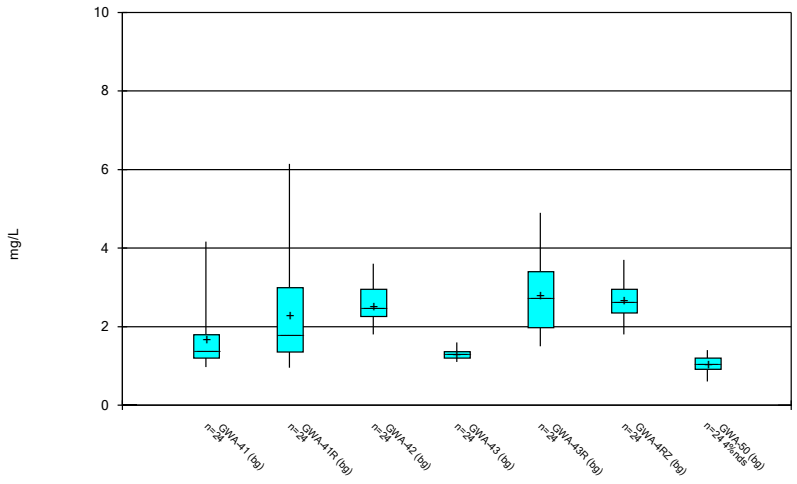

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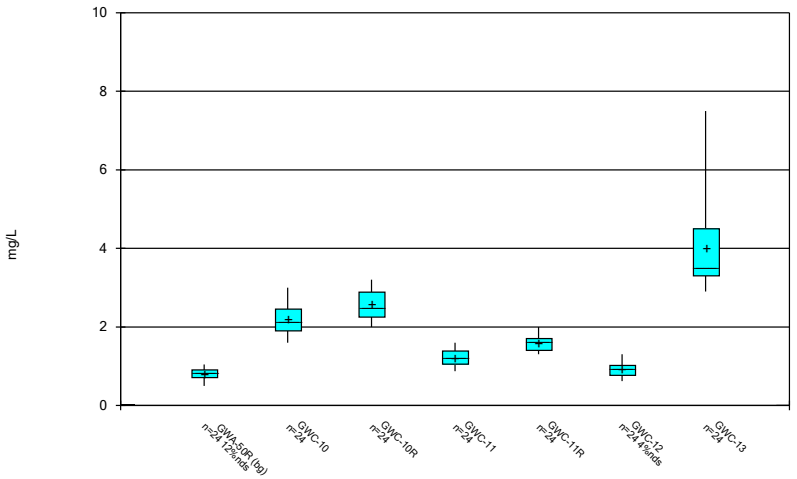

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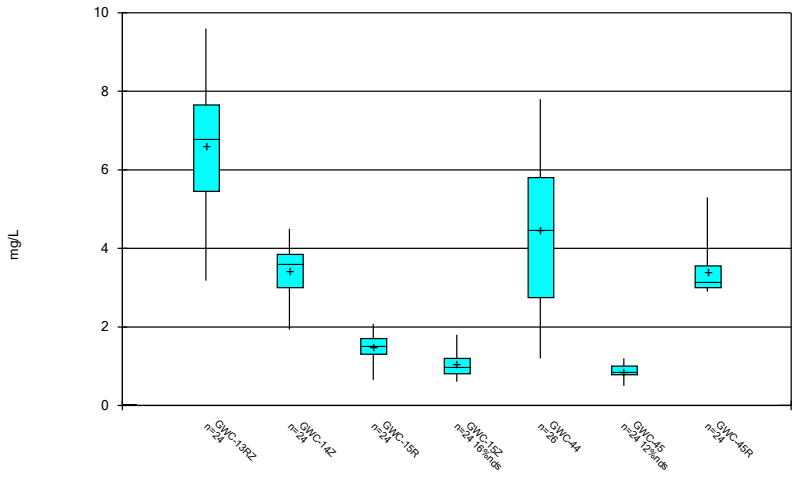

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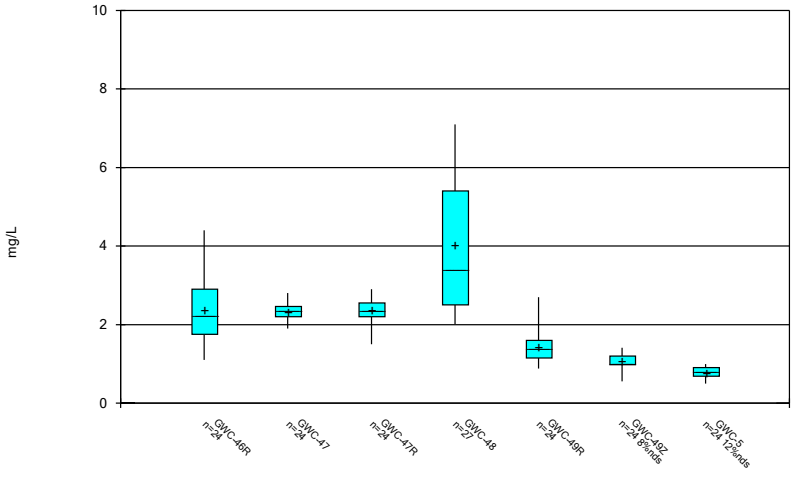

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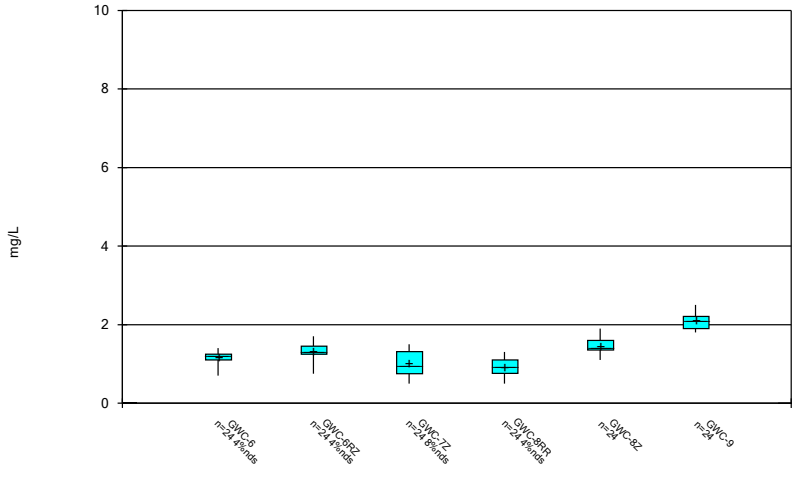

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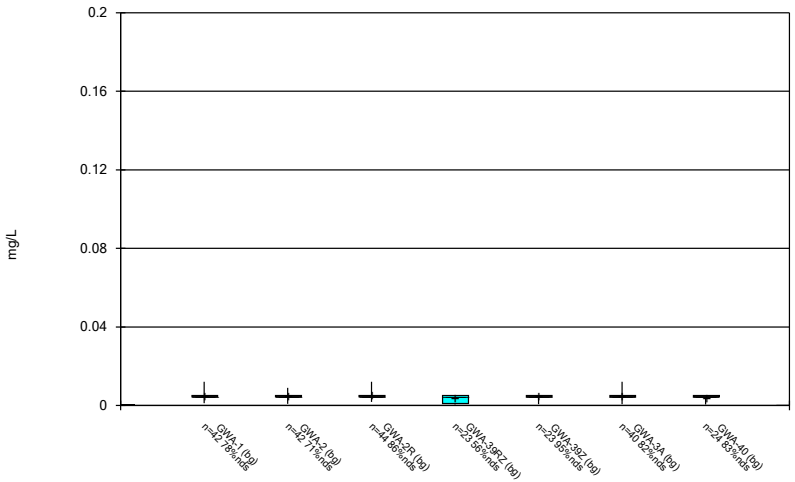
Box & Whiskers Plot



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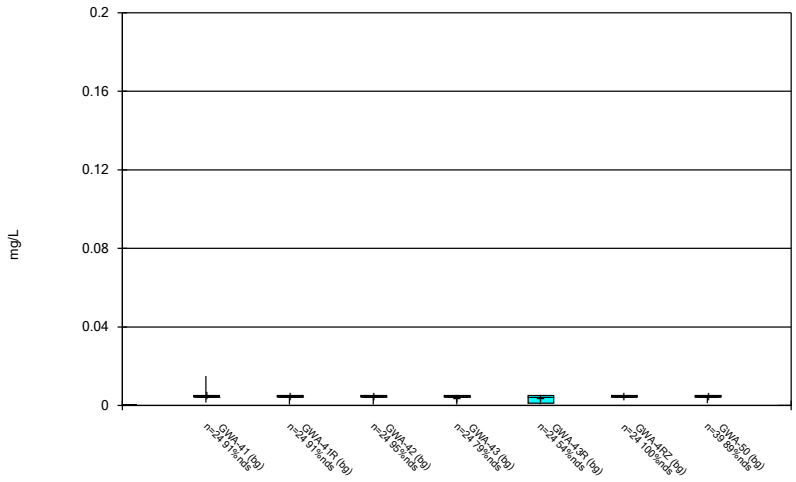
Box & Whiskers Plot



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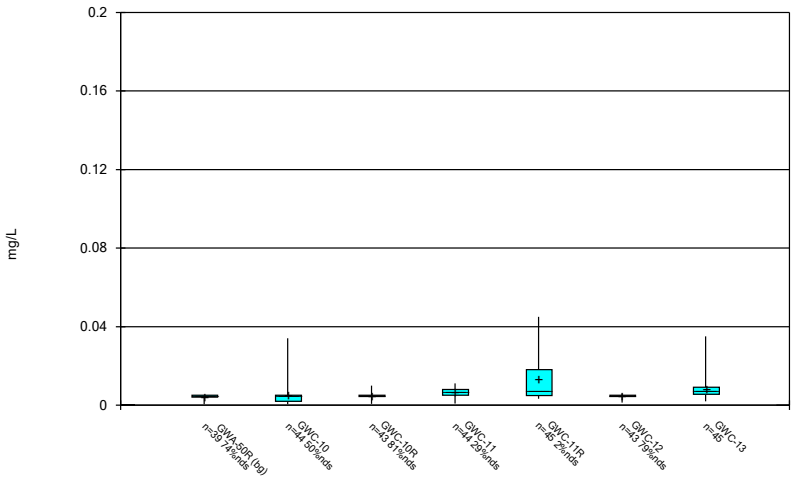

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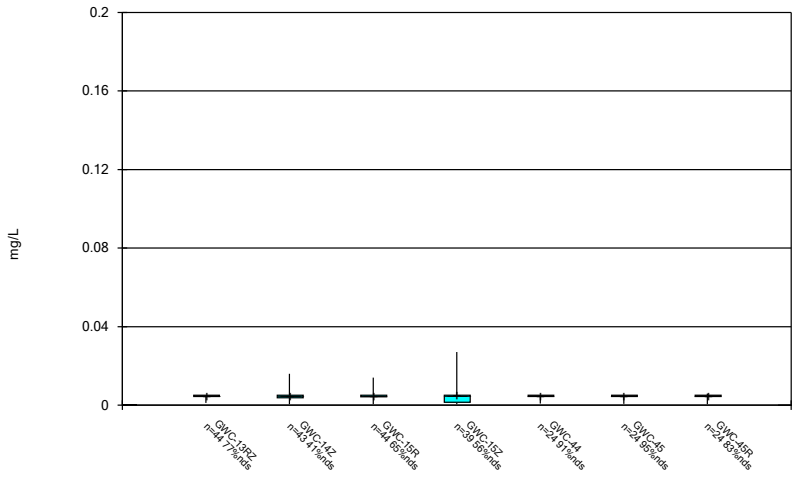

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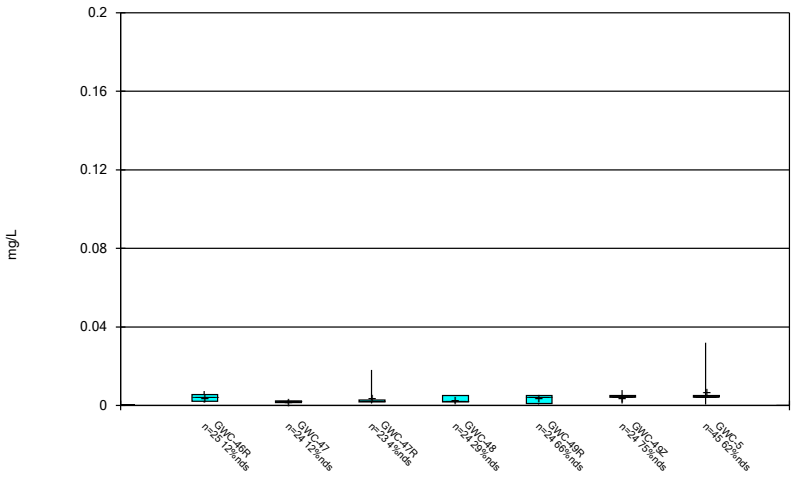

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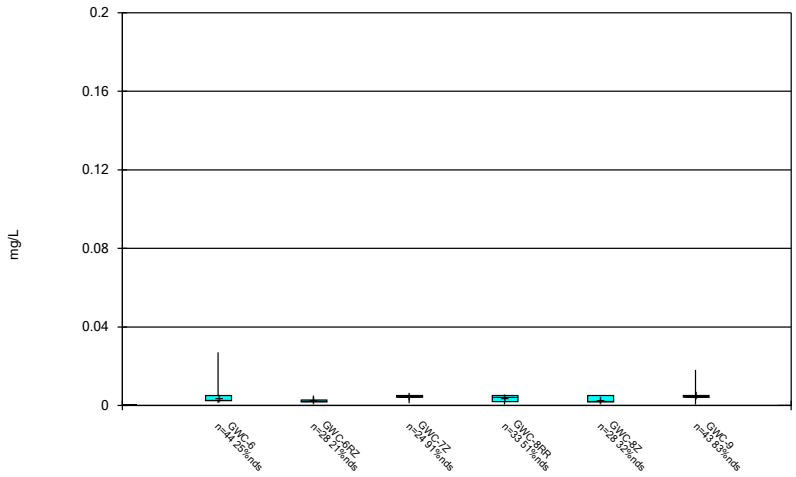

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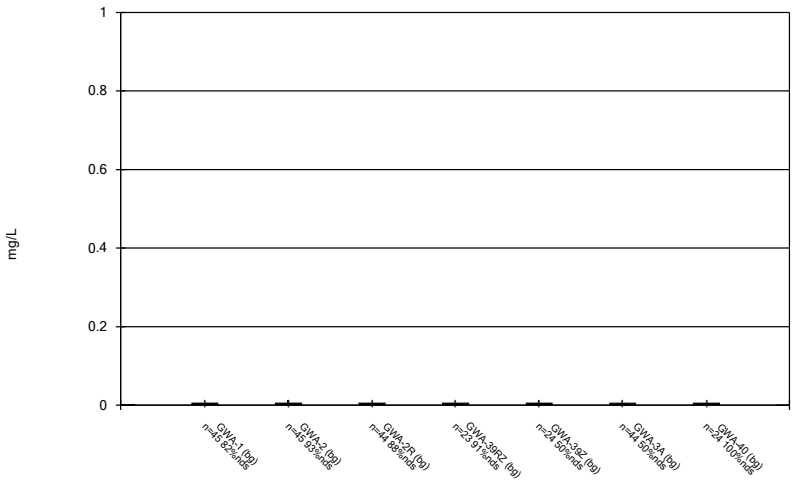

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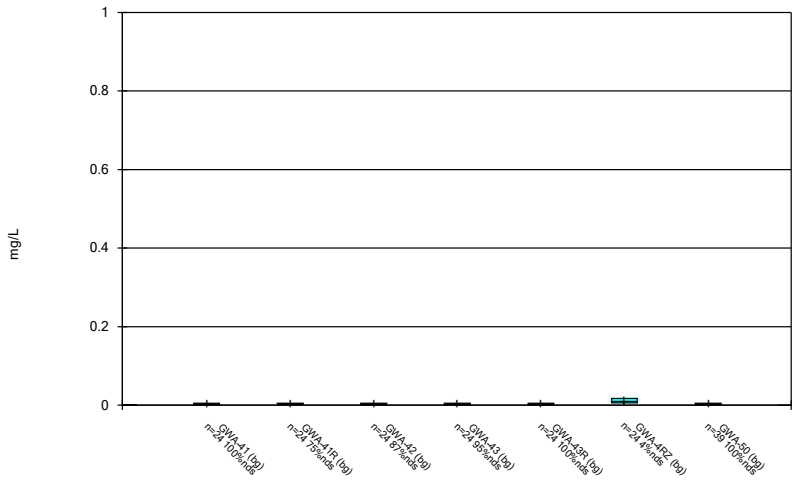

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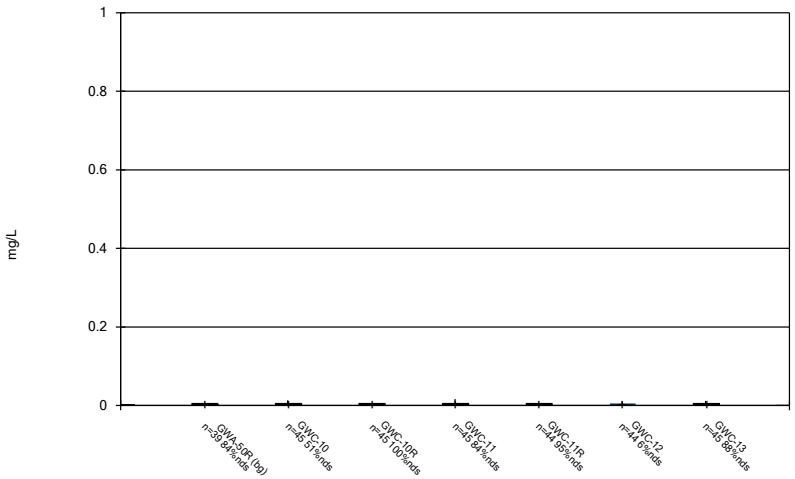

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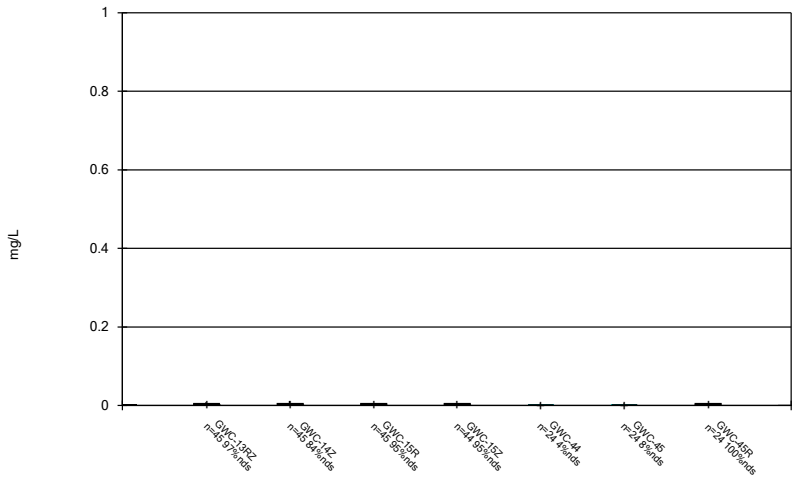

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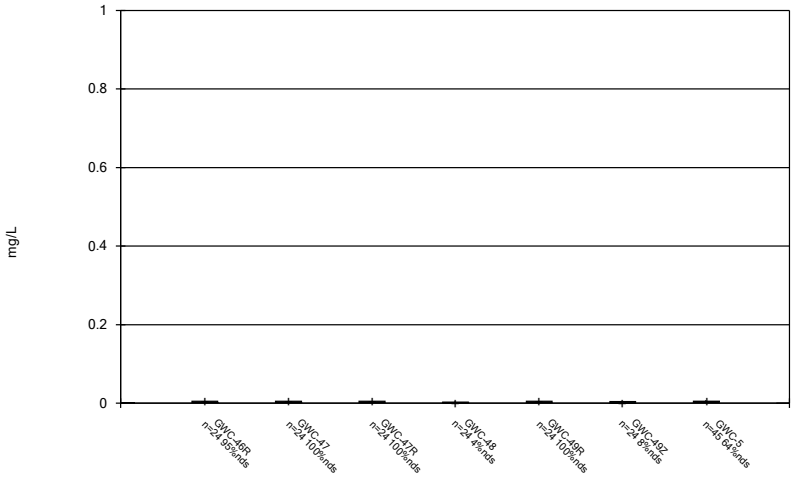

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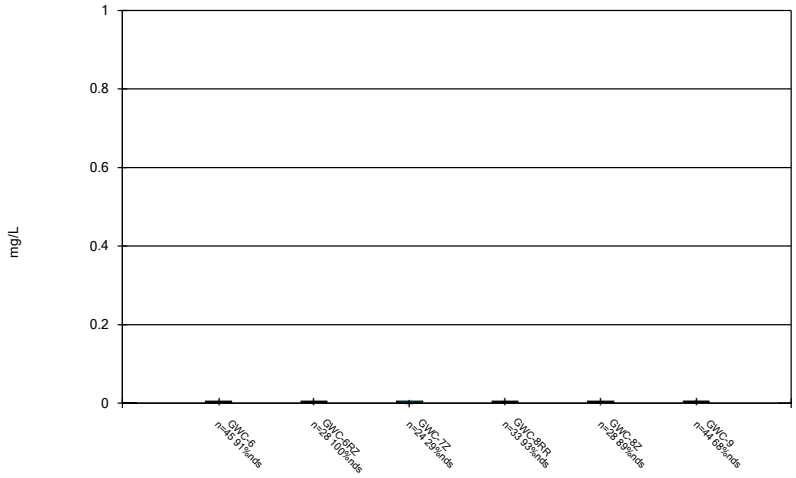

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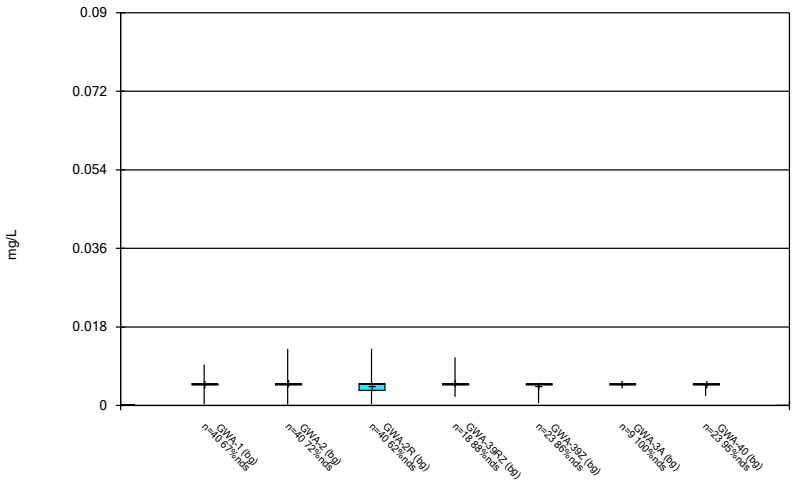

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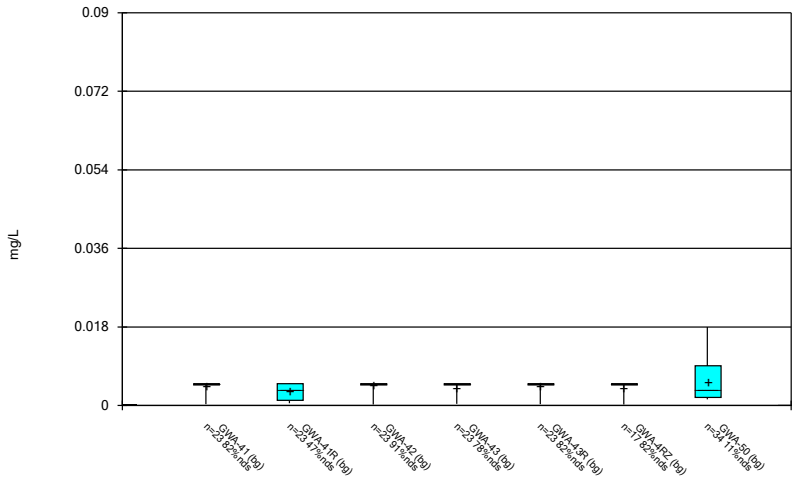

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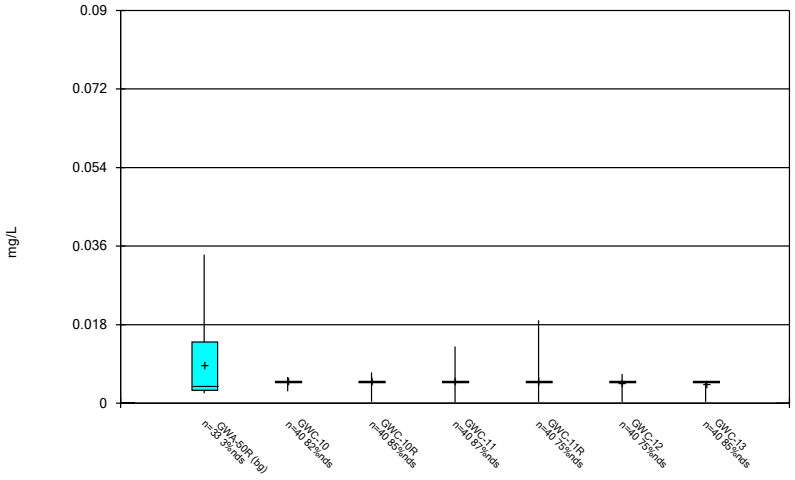

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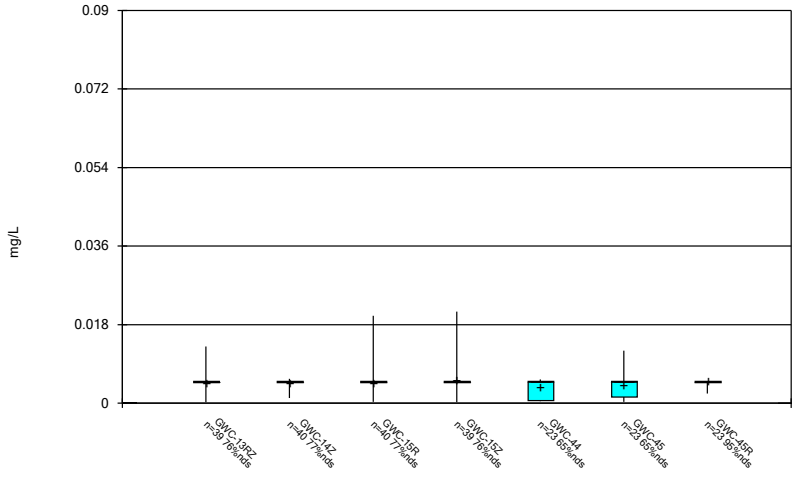

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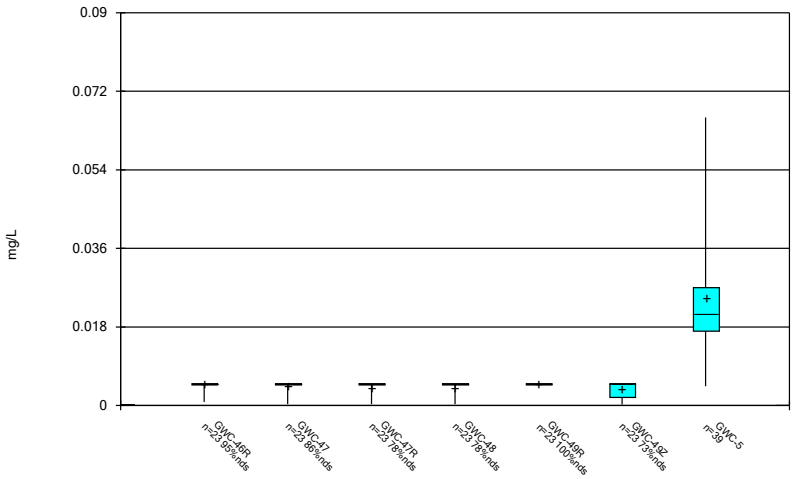

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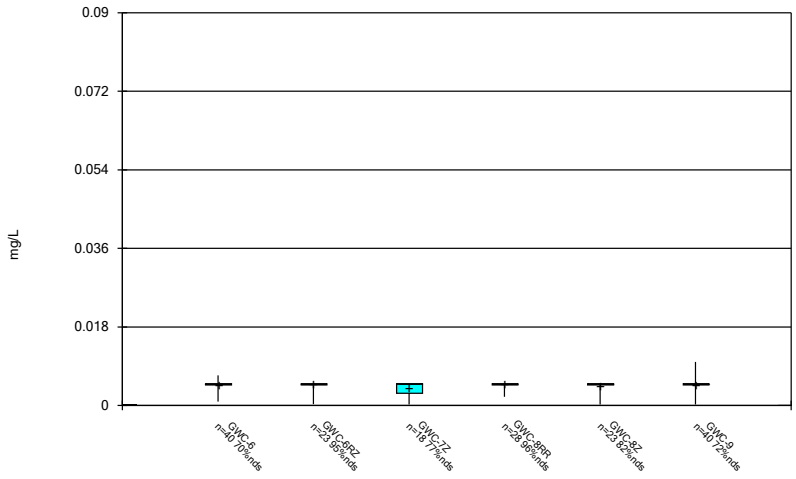

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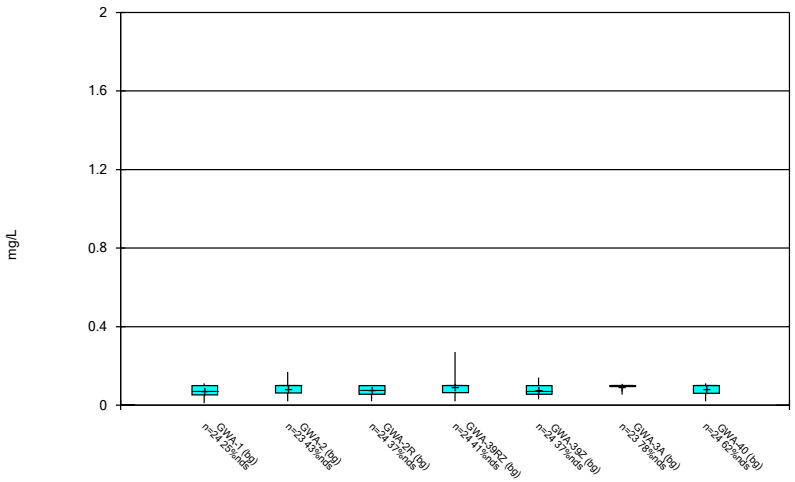

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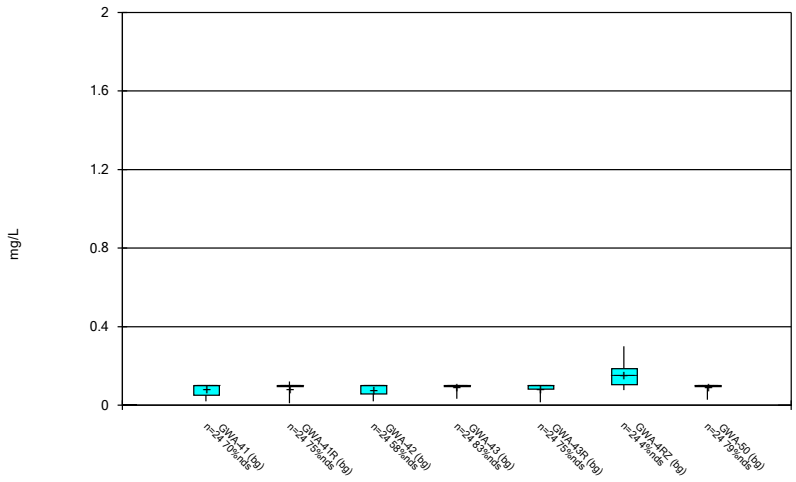

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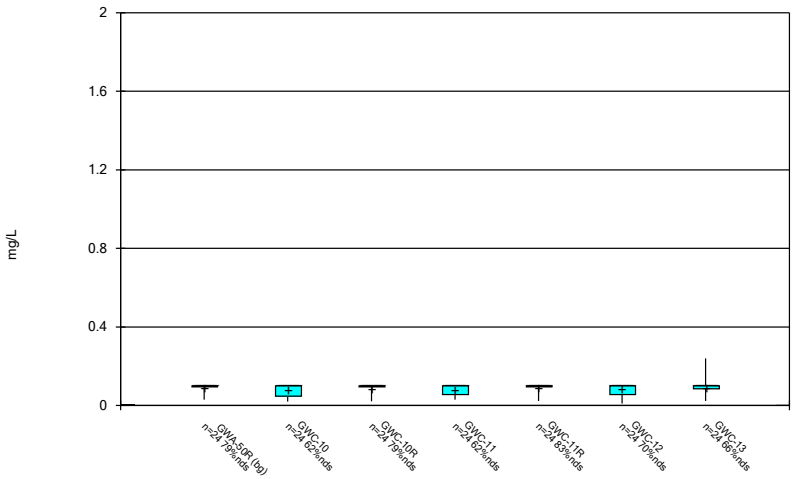

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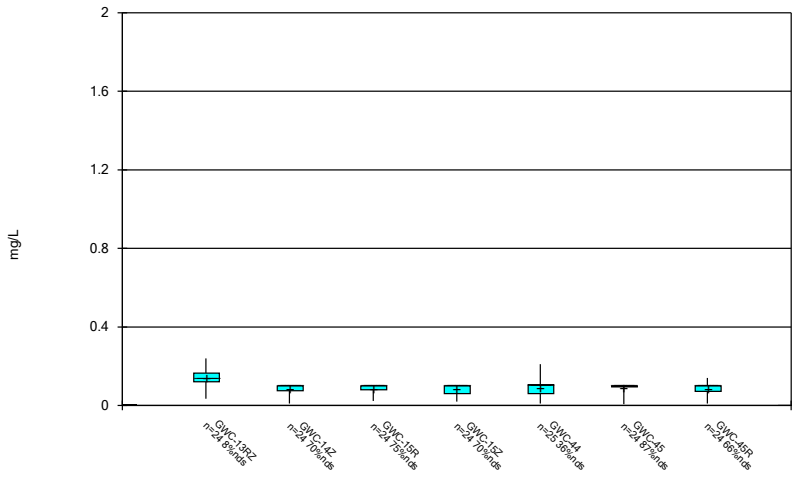

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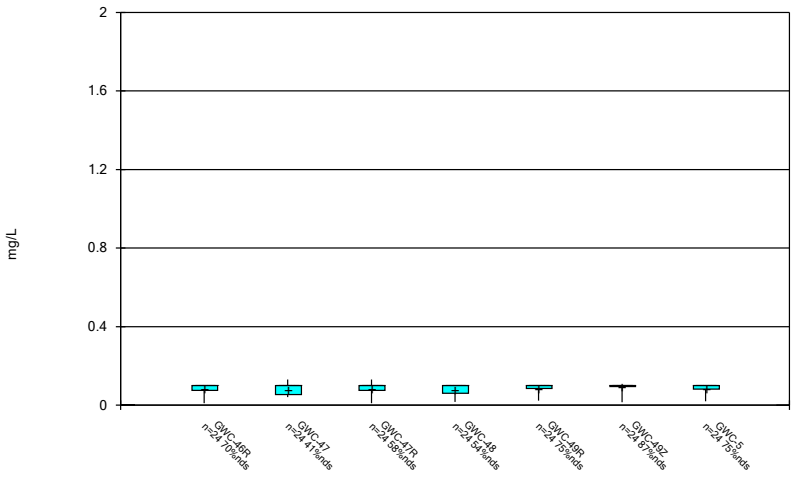

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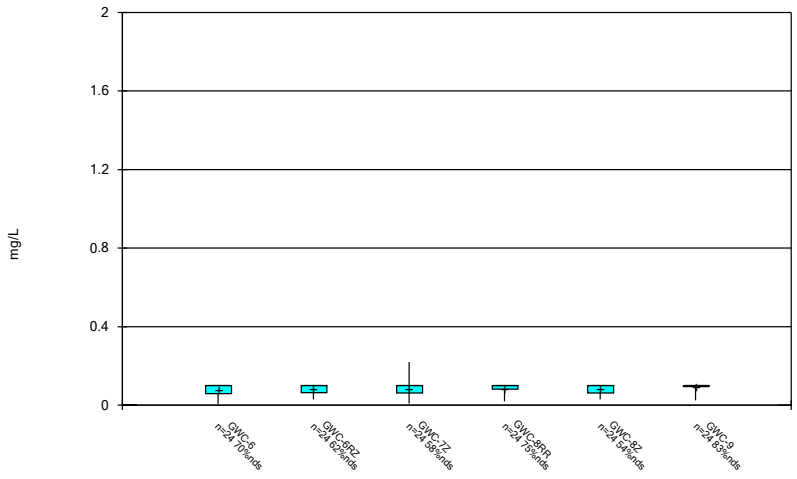

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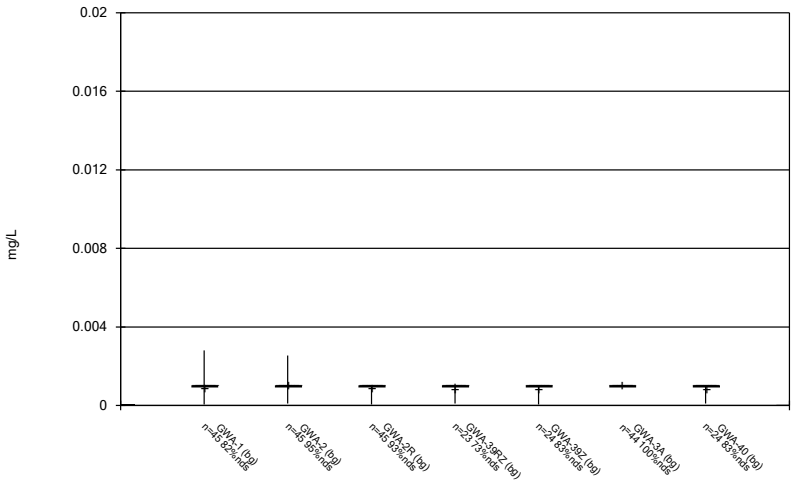

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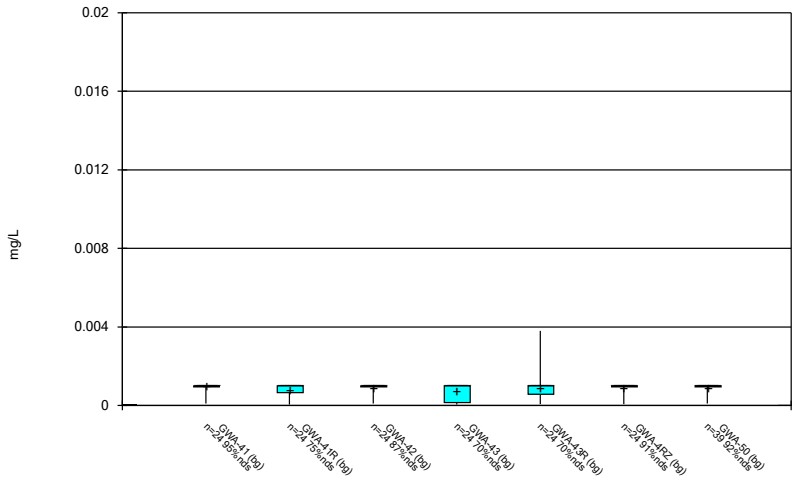

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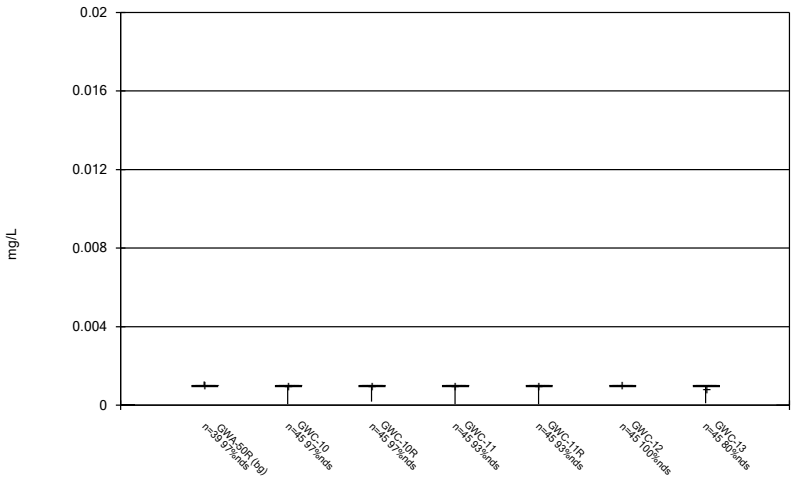

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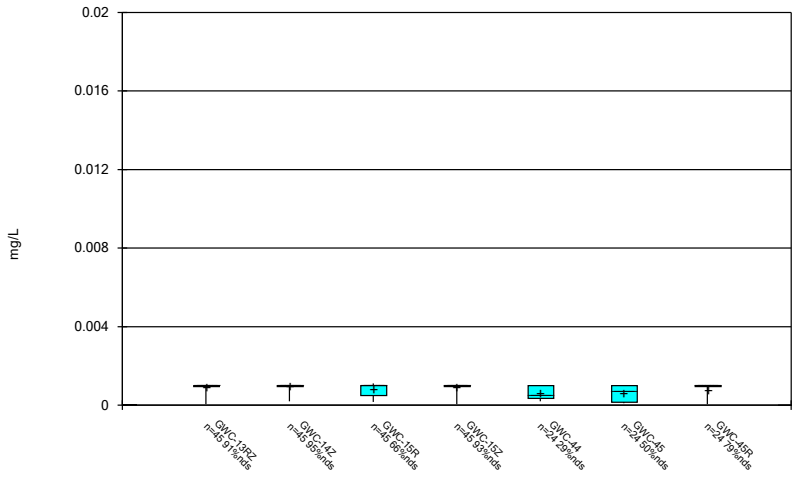

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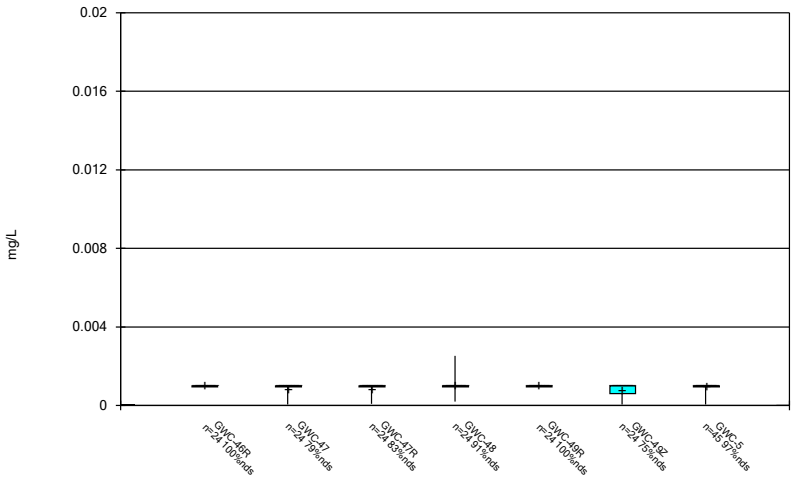

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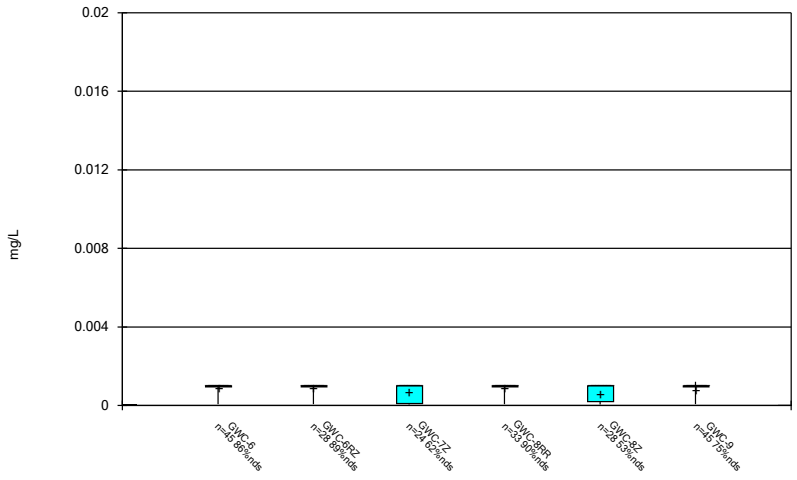

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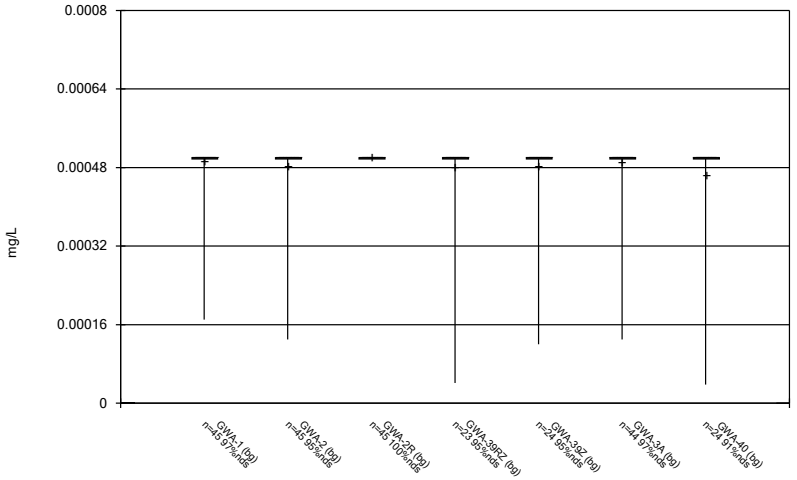

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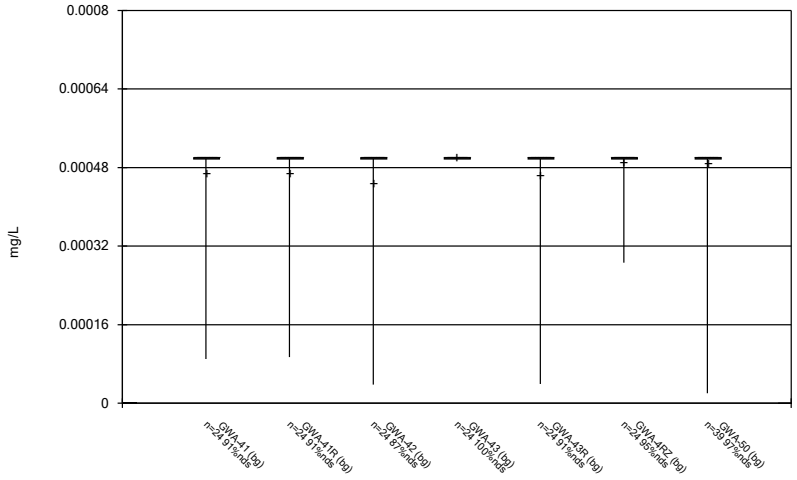

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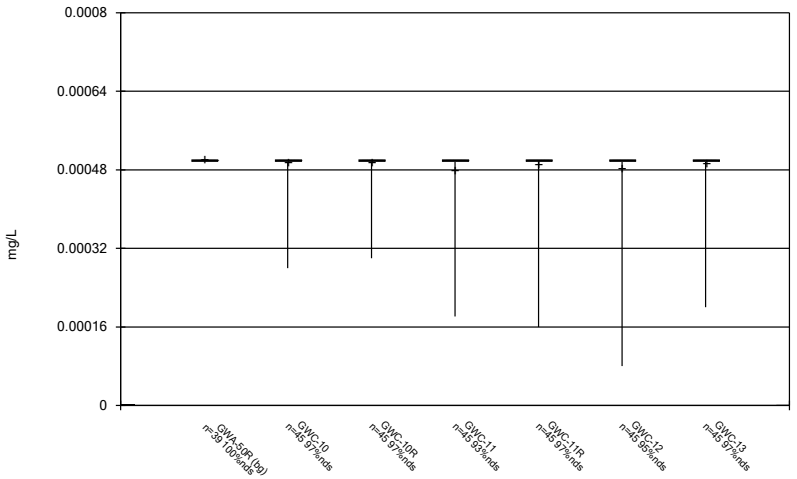

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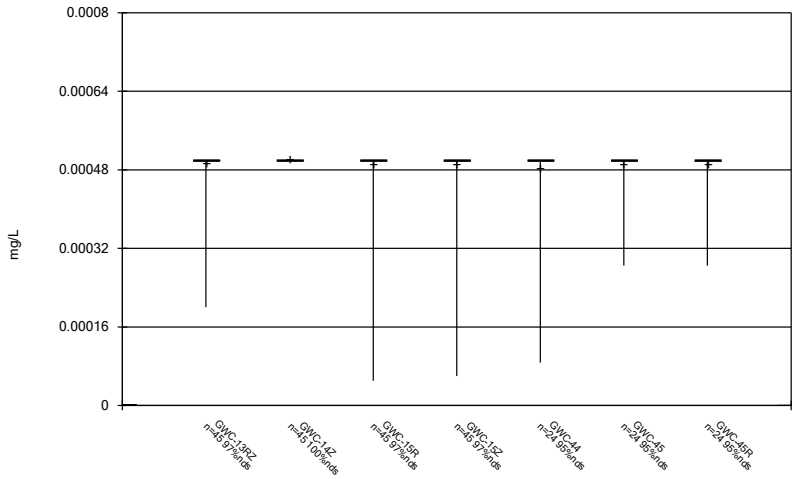

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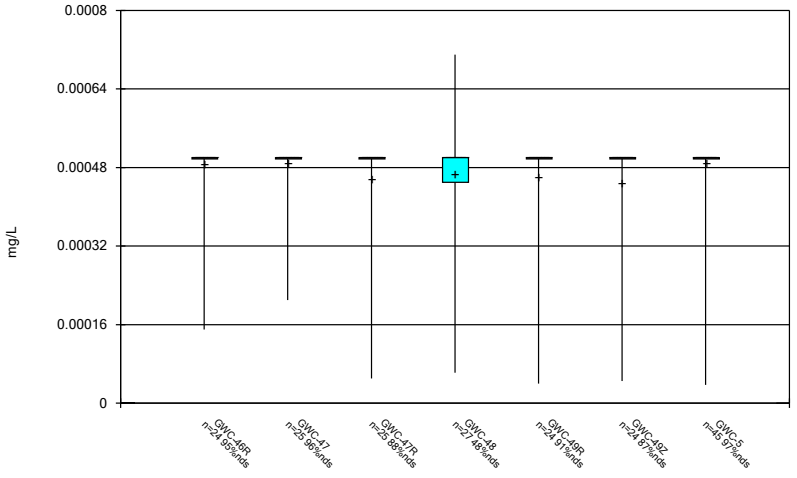

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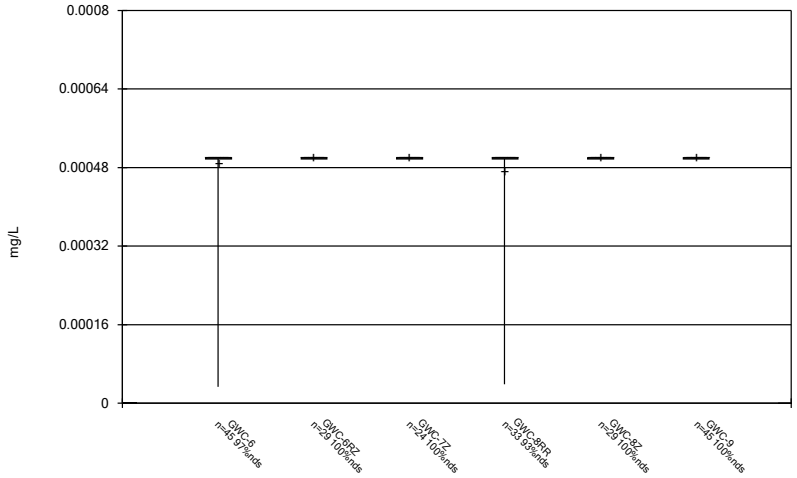

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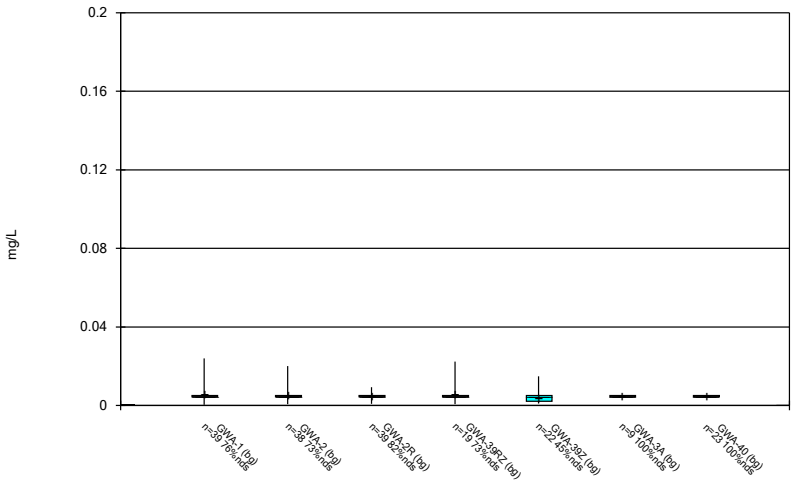

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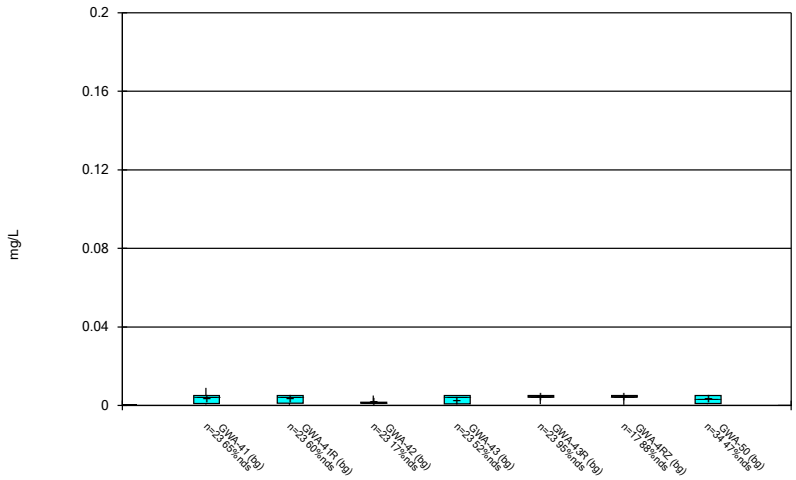

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Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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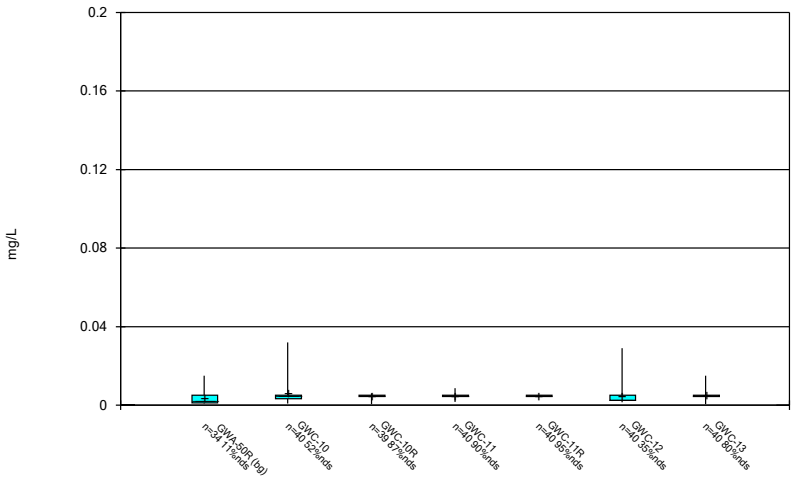
Box & Whiskers Plot



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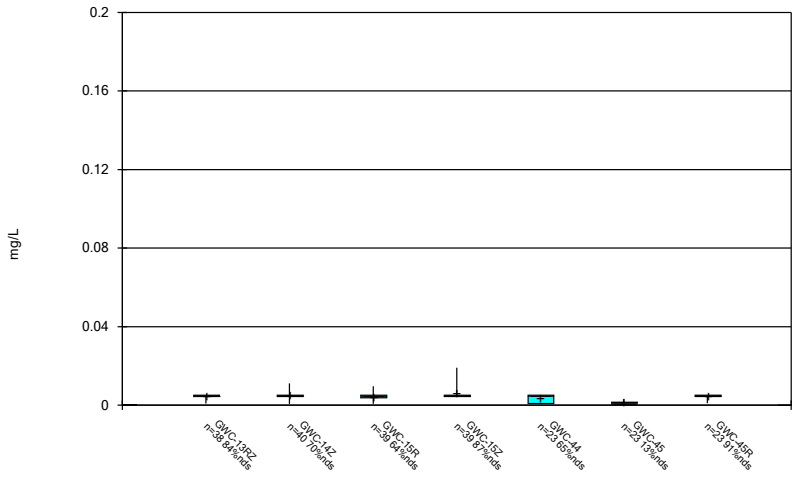

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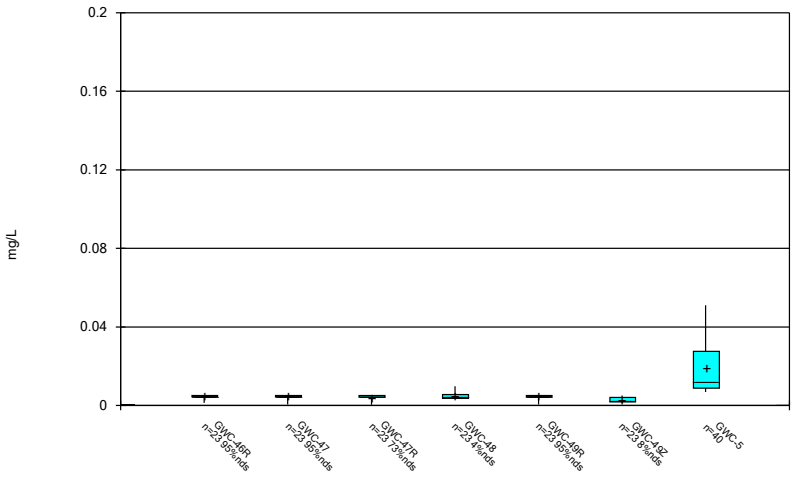

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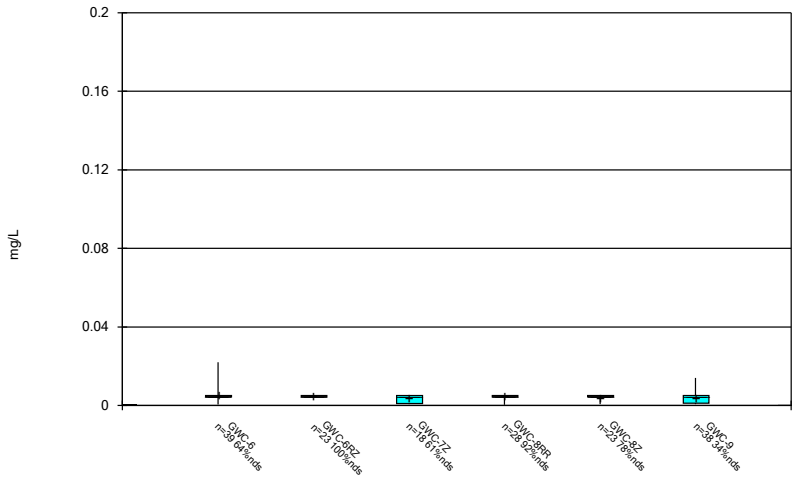

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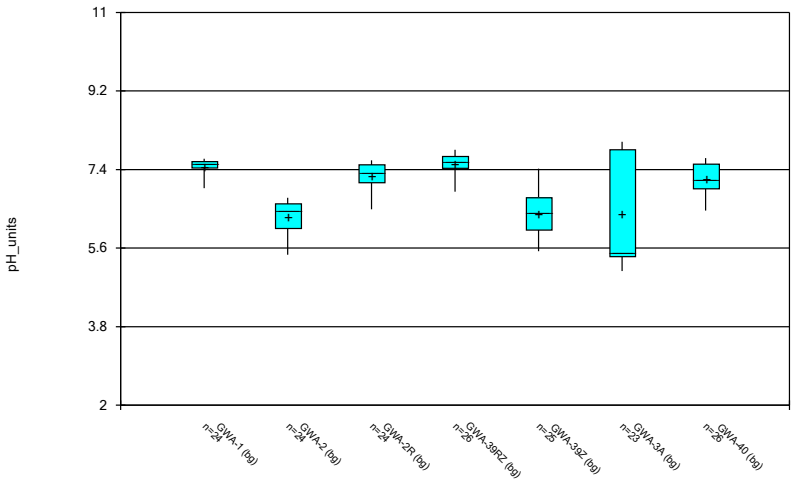

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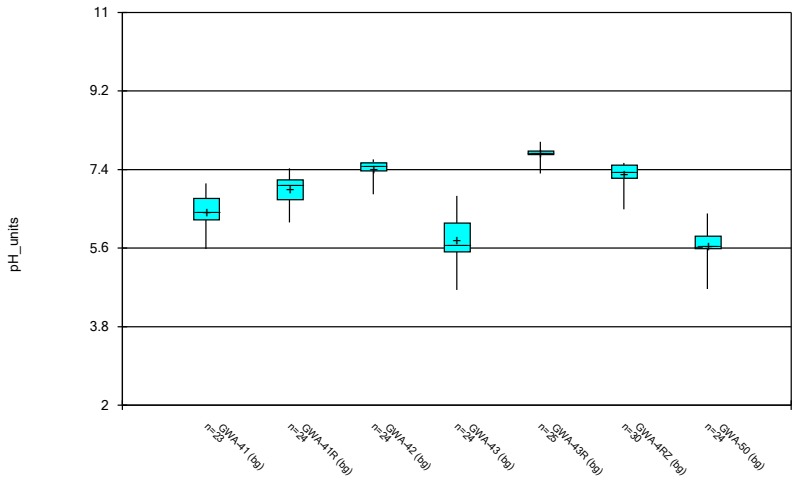

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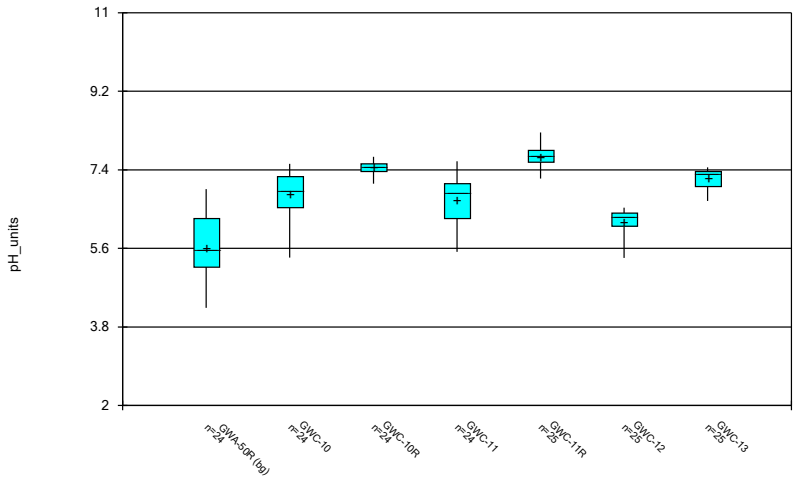

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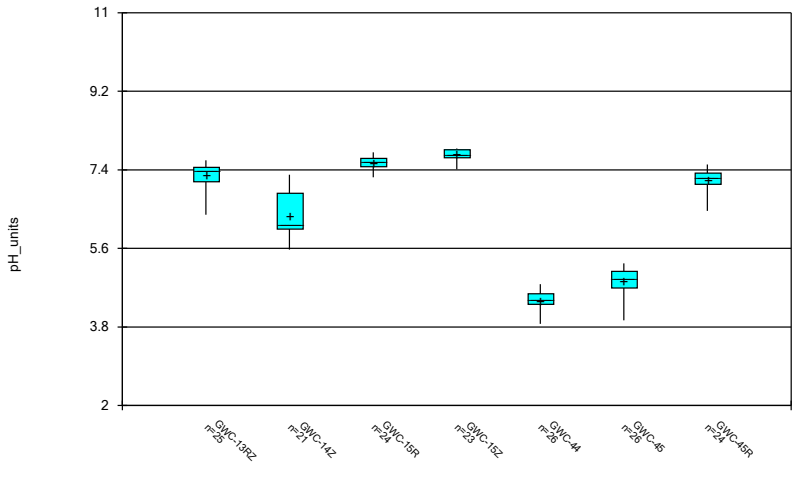

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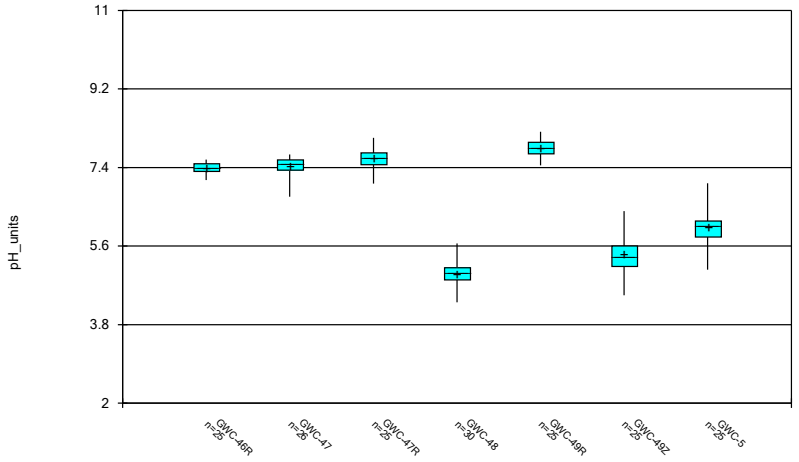

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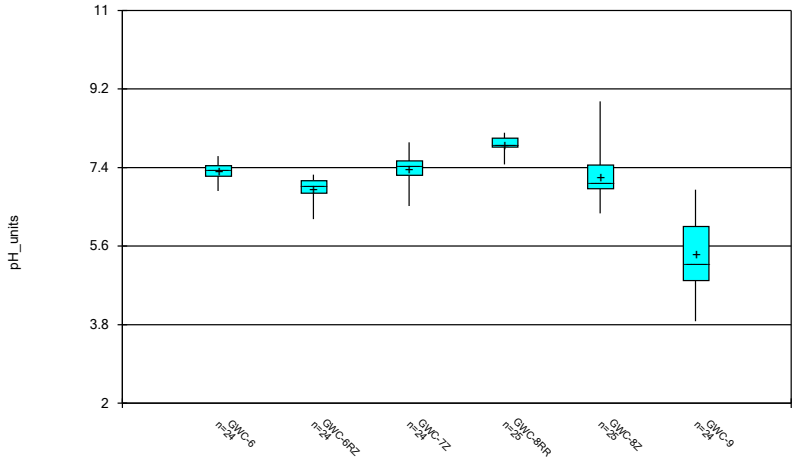

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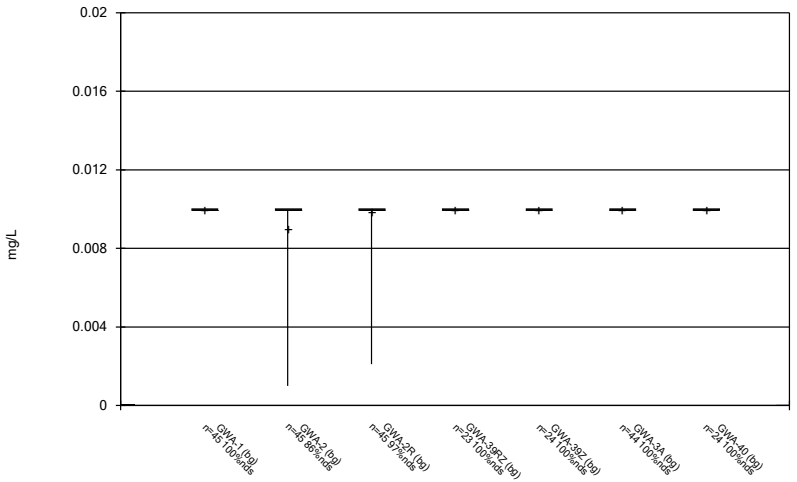

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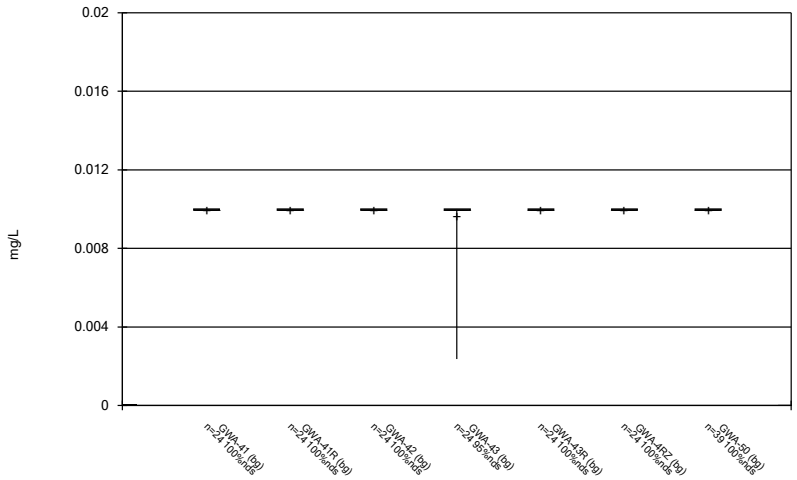

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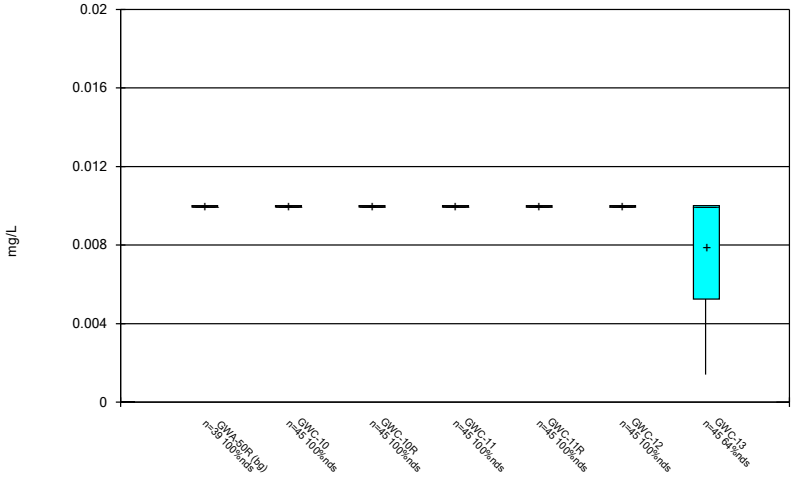

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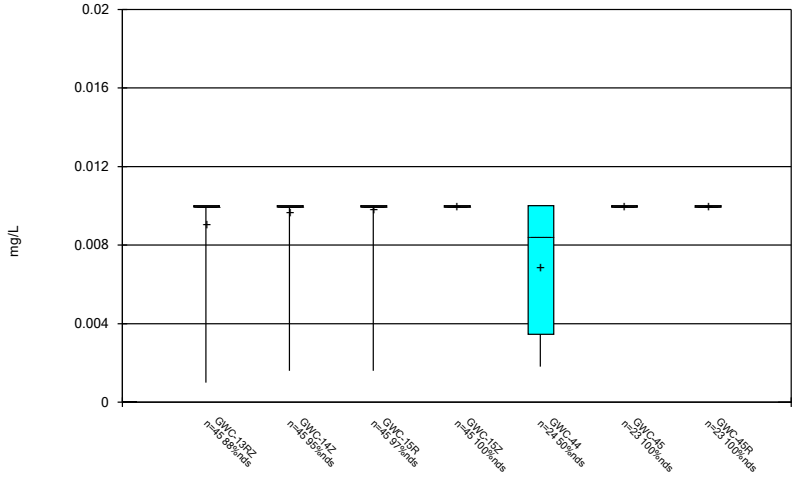

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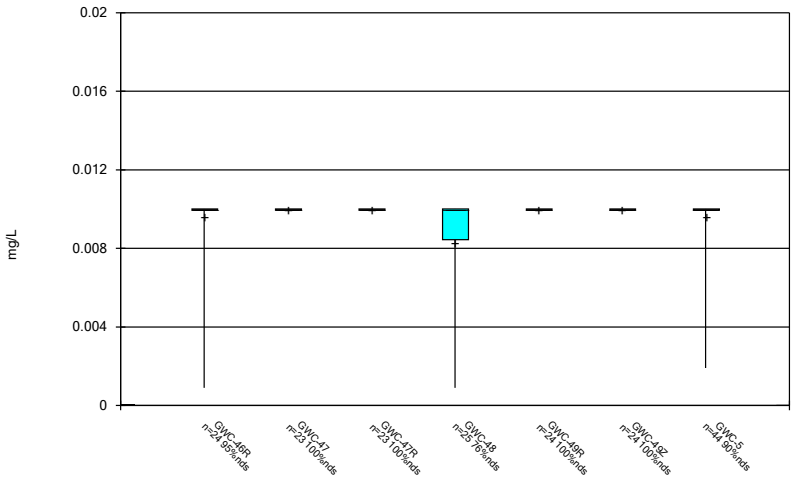

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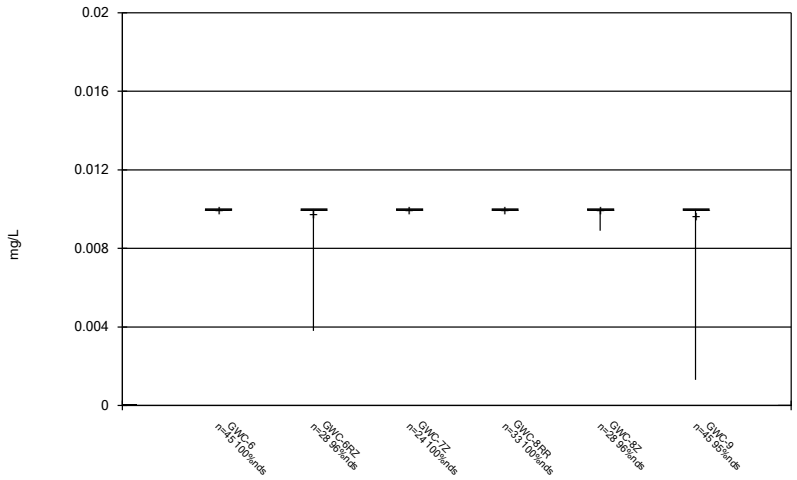

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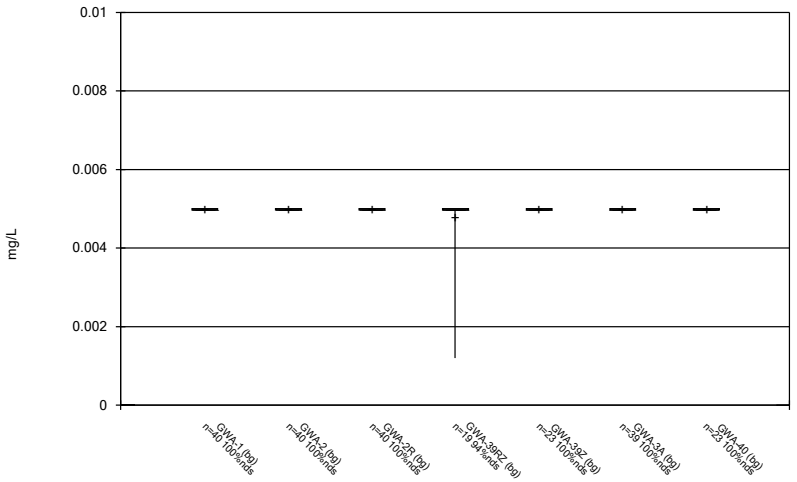

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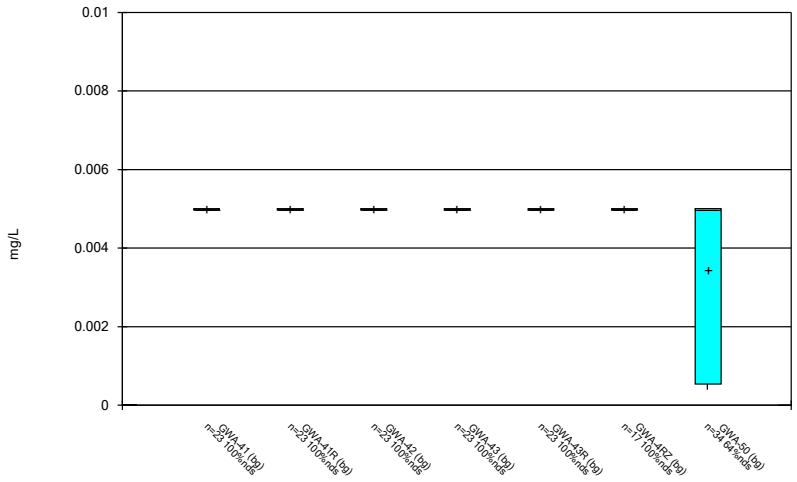

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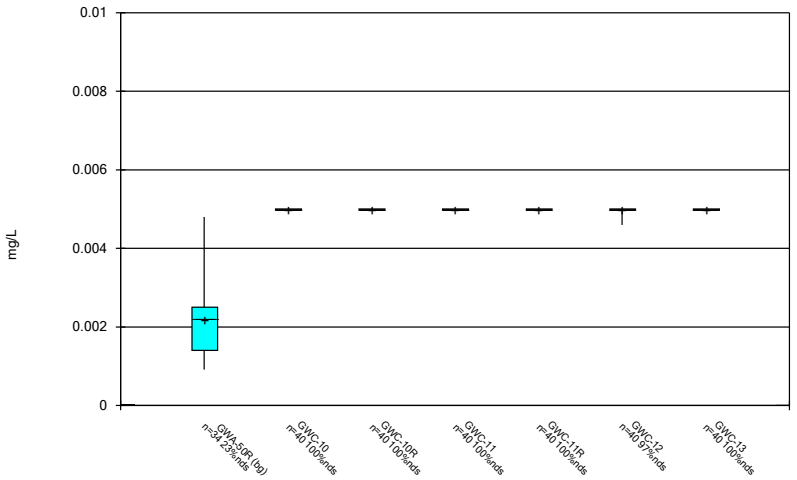

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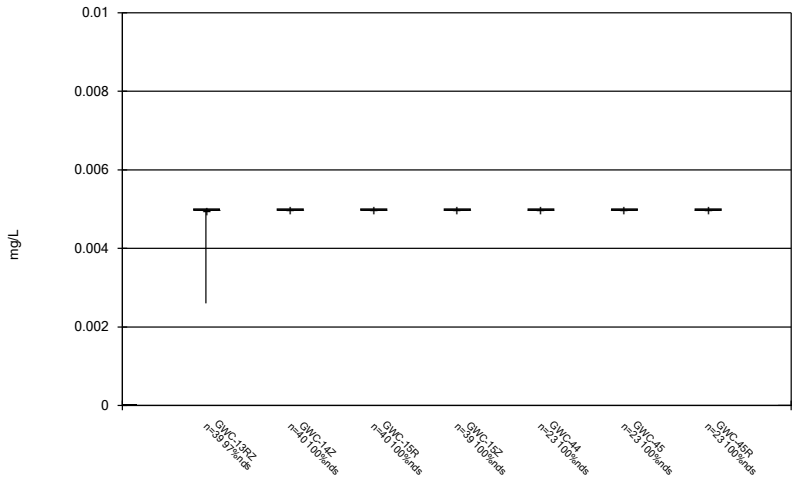

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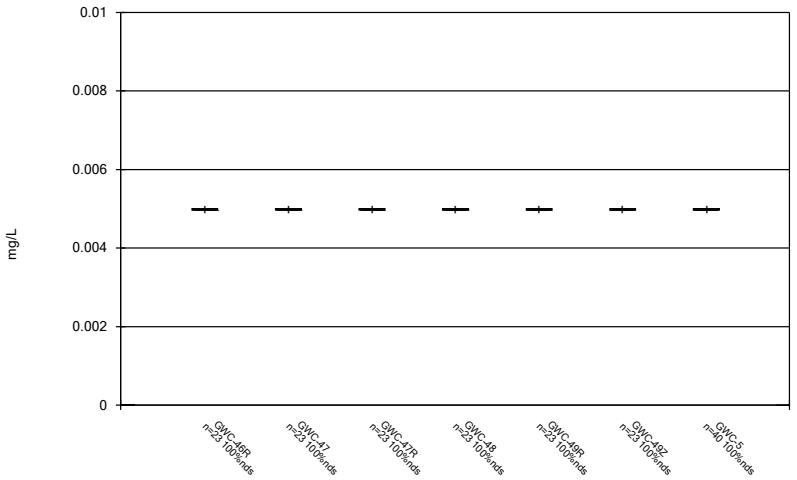

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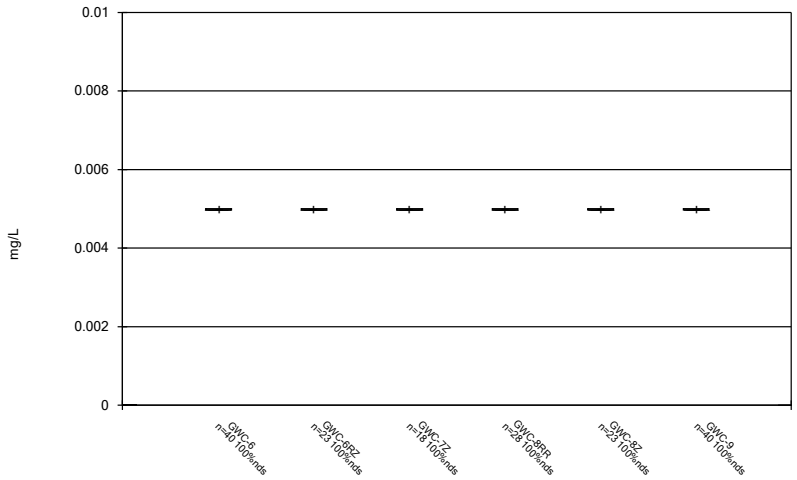

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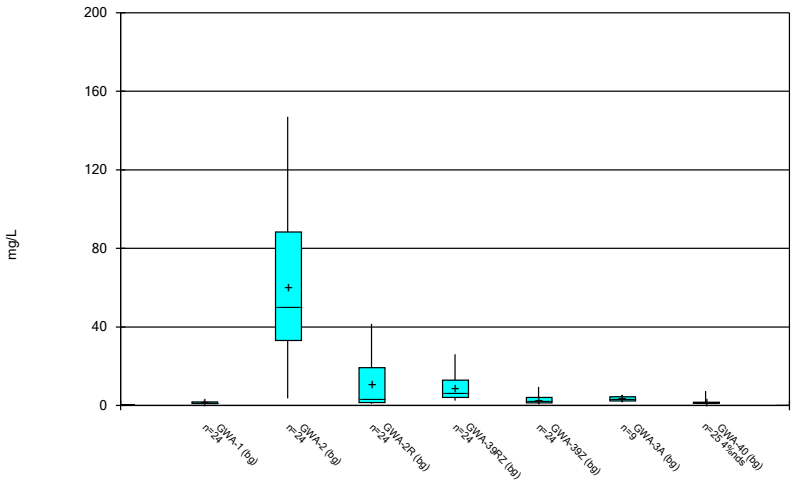

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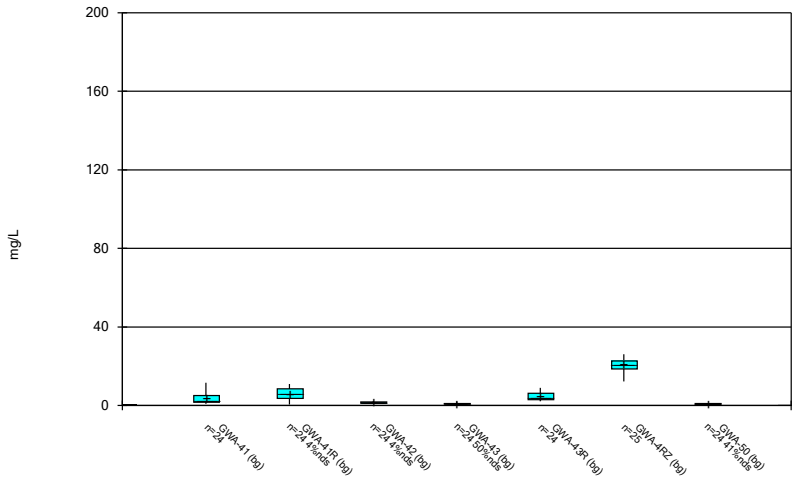

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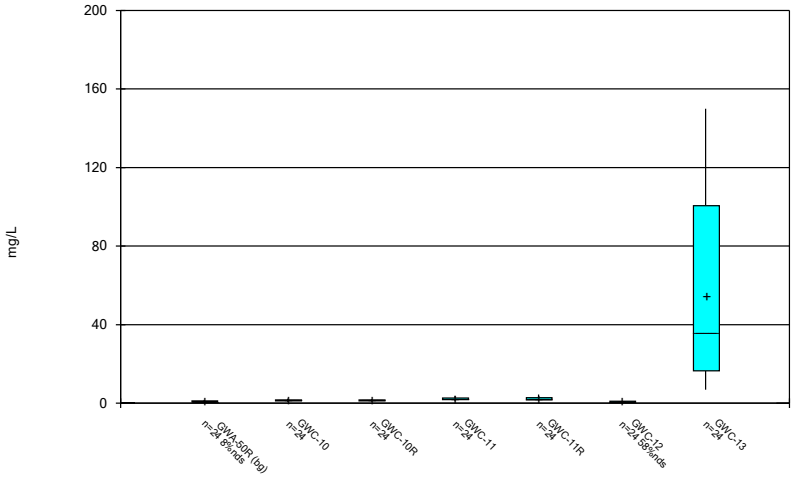

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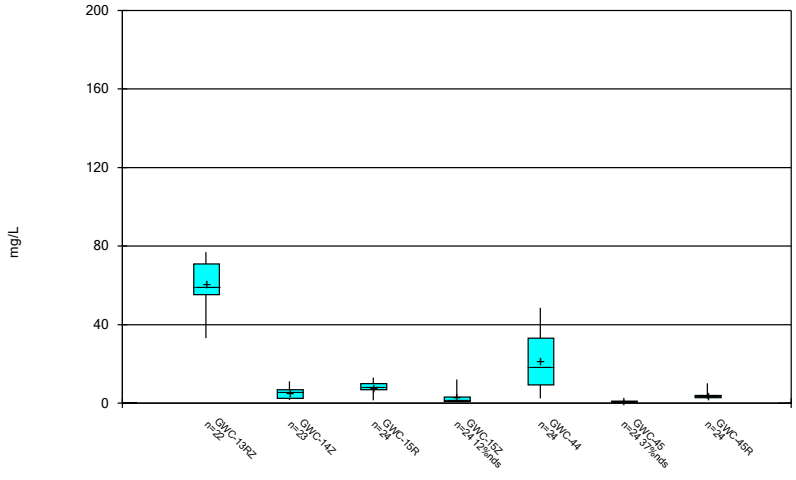

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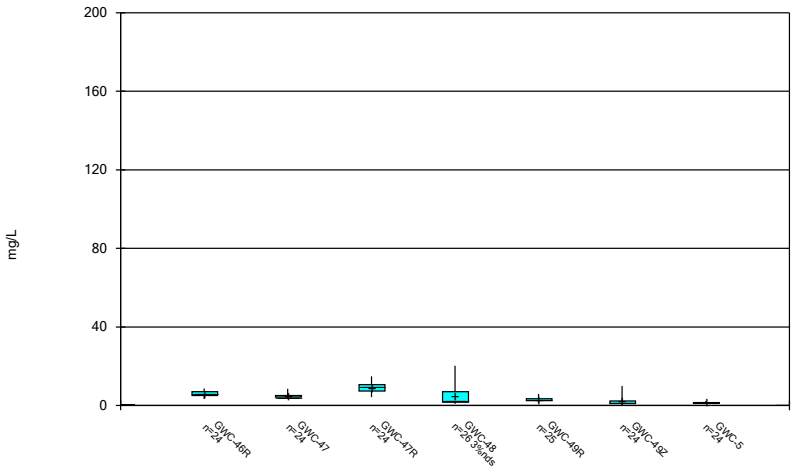

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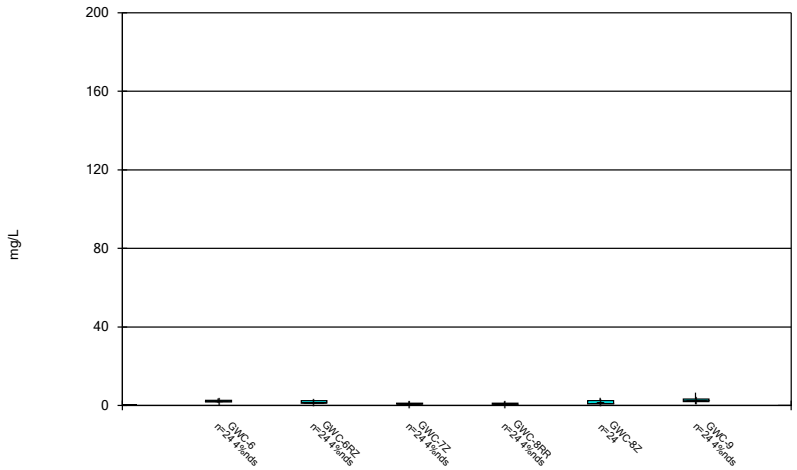

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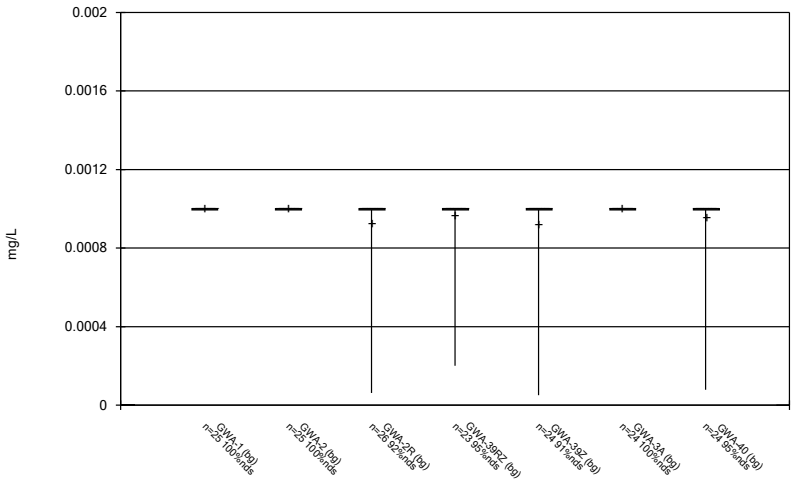

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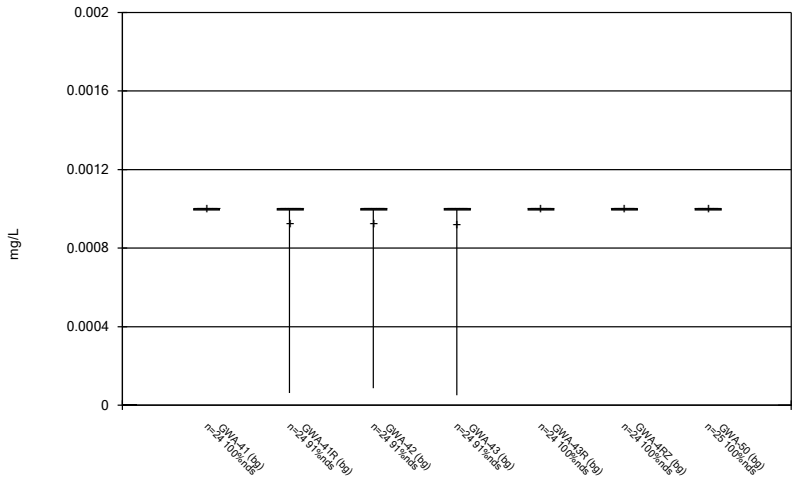

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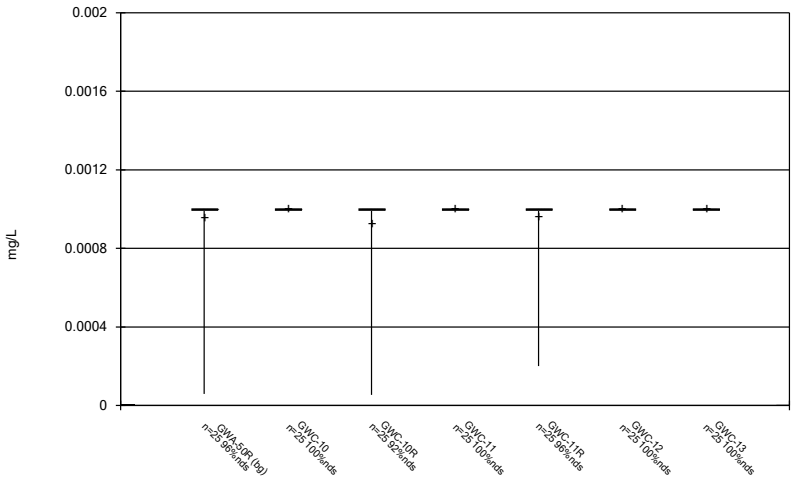

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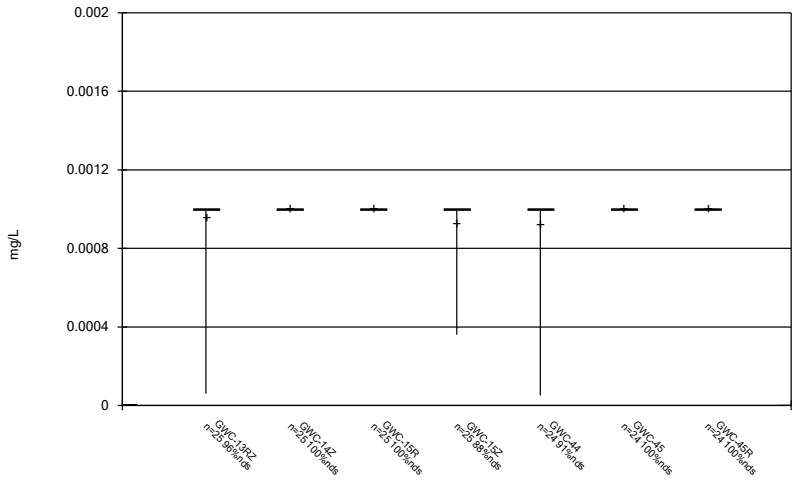

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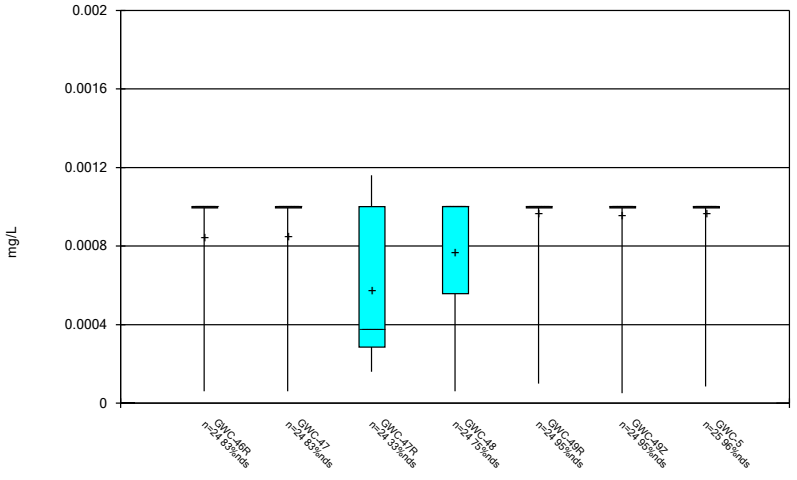

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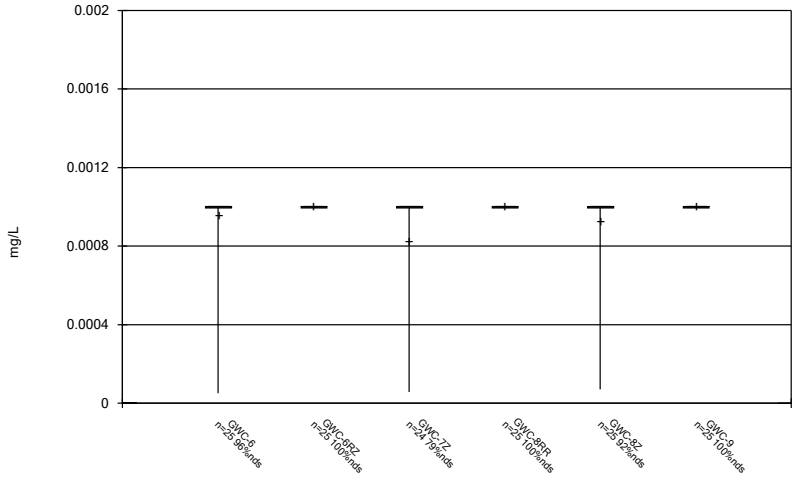

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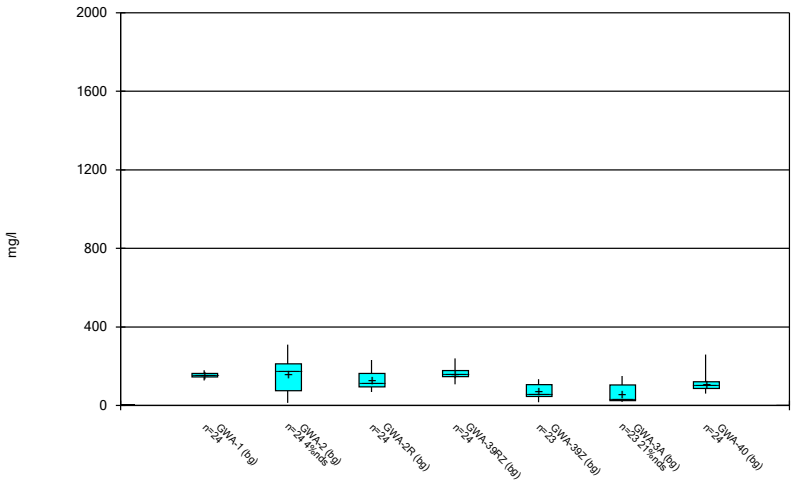

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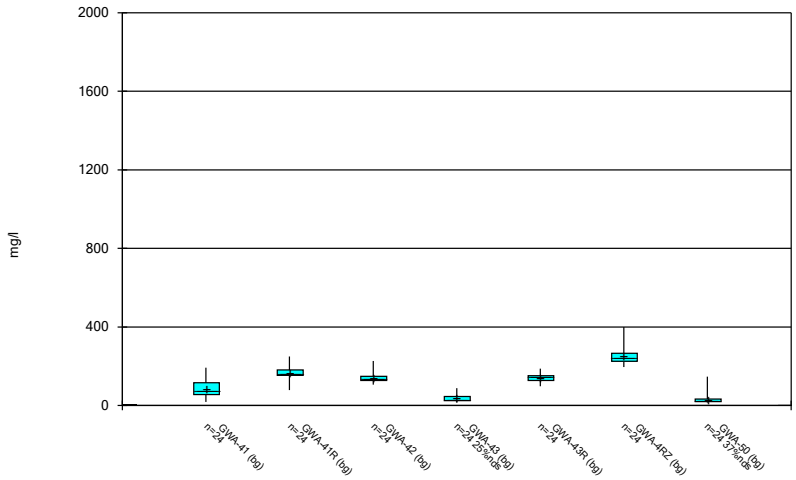

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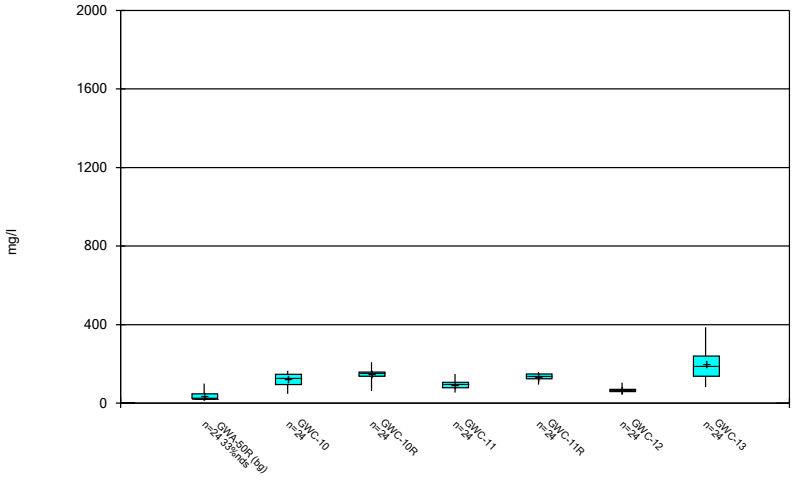

Constituent: Total Dissolved Solids [TDS] Analysis Run 6/23/2025 1:48 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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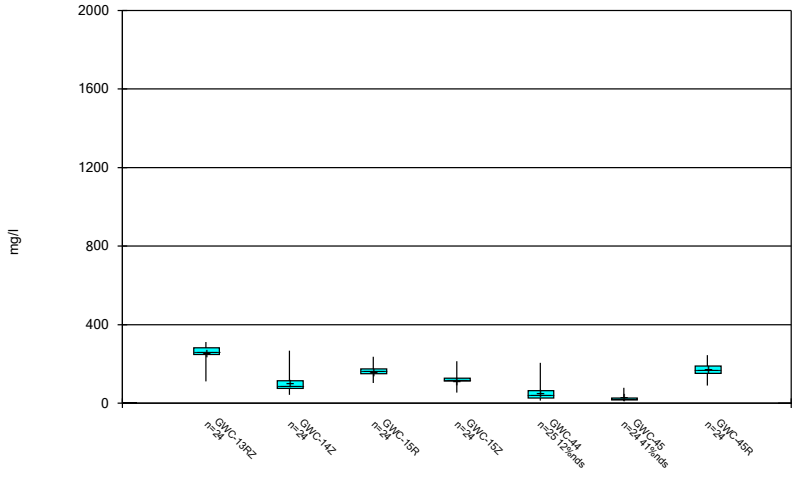
Box & Whiskers Plot



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/23/2025 1:48 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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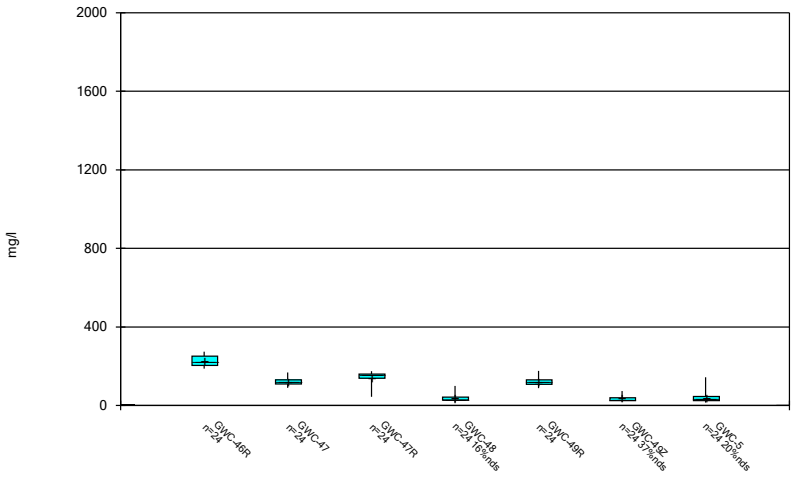
Box & Whiskers Plot



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/23/2025 1:48 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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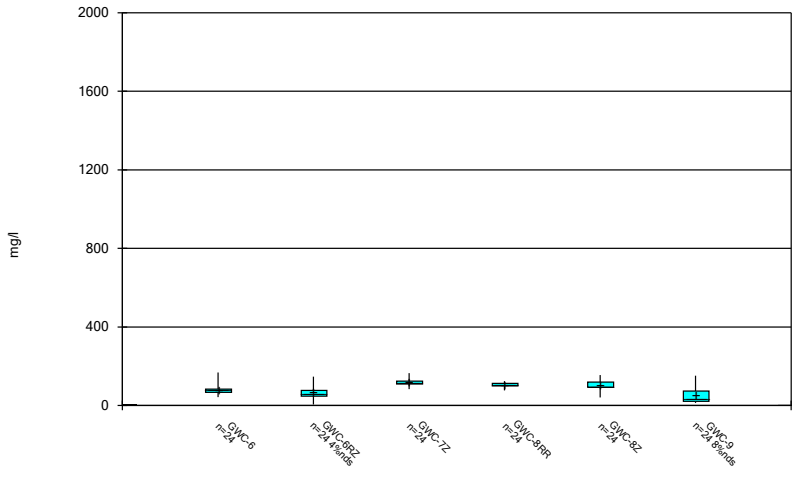
Box & Whiskers Plot



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/23/2025 1:48 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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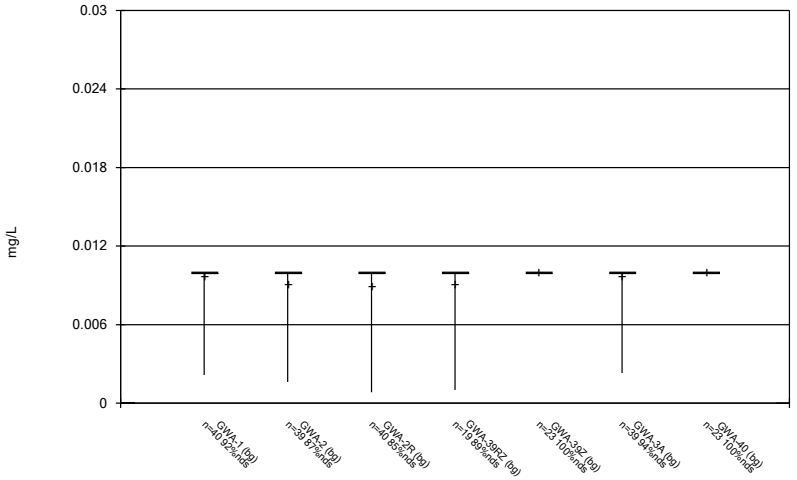
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/23/2025 1:48 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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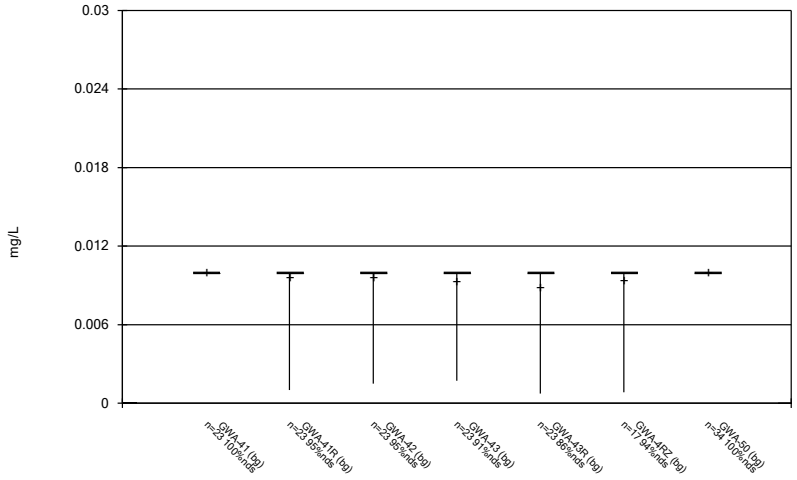
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/23/2025 1:48 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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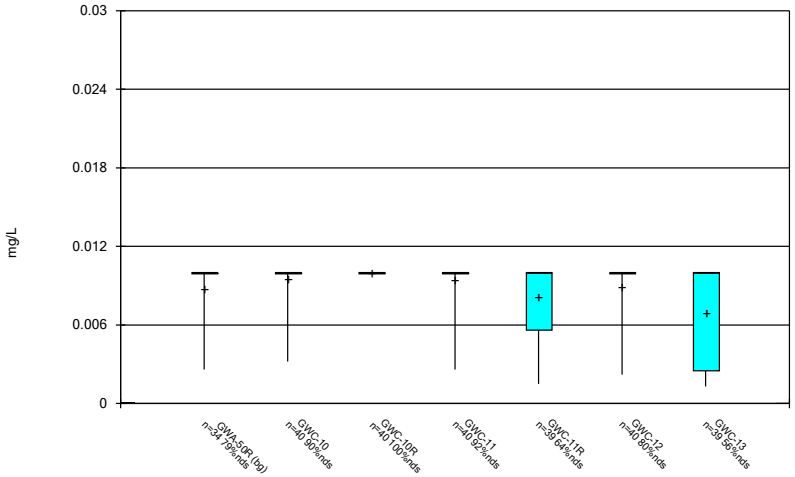
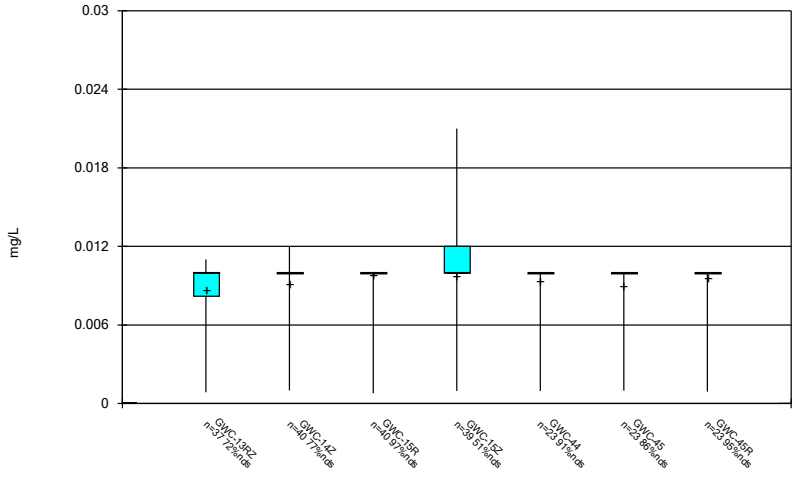
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/23/2025 1:48 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/23/2025 1:48 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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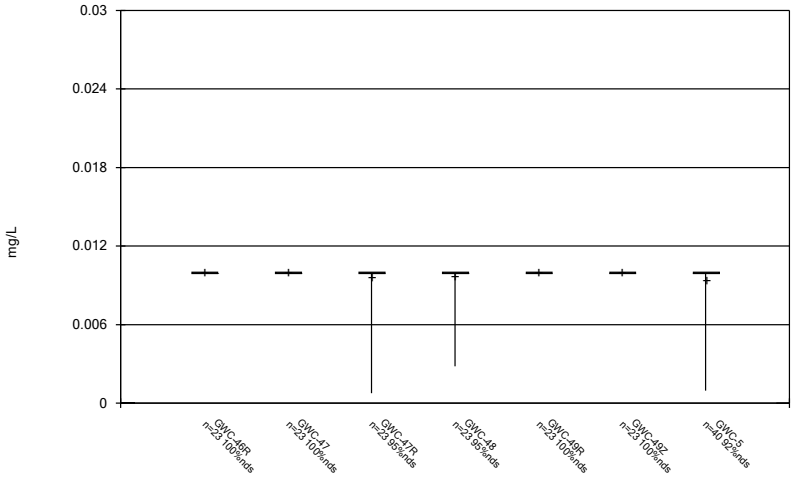
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/23/2025 1:48 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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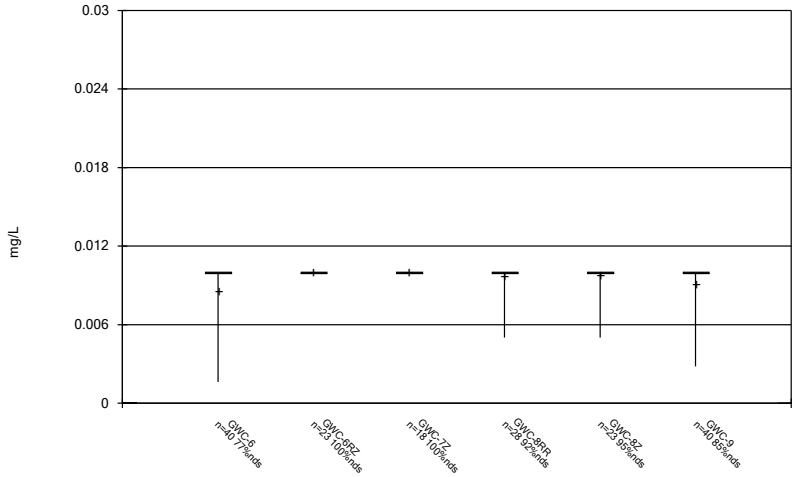
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/23/2025 1:48 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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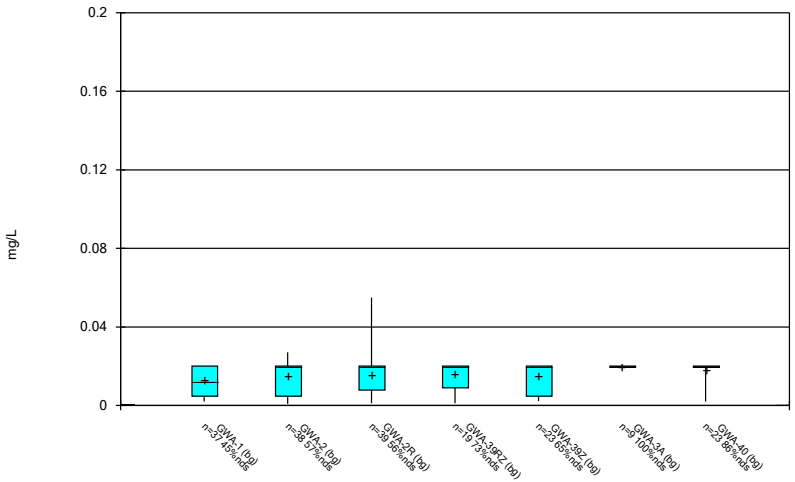
Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/23/2025 1:48 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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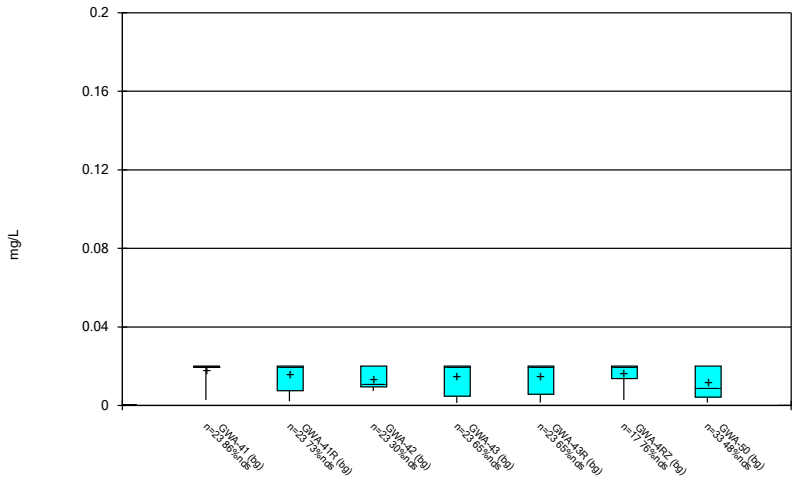
Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/23/2025 1:48 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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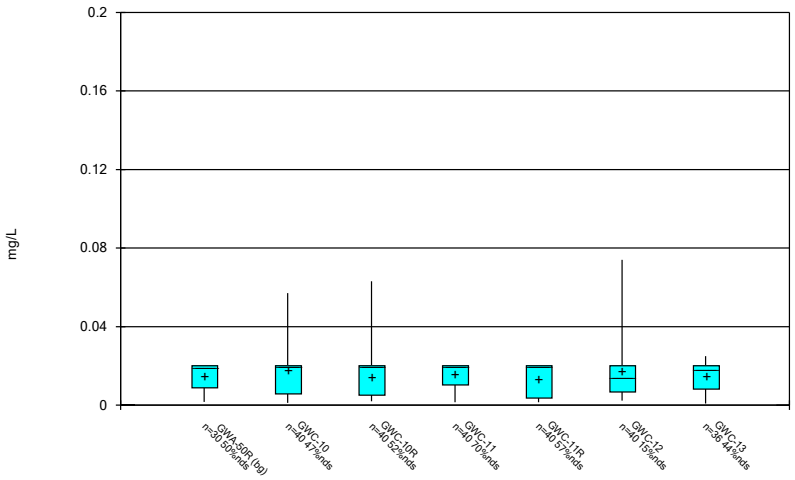
Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/23/2025 1:48 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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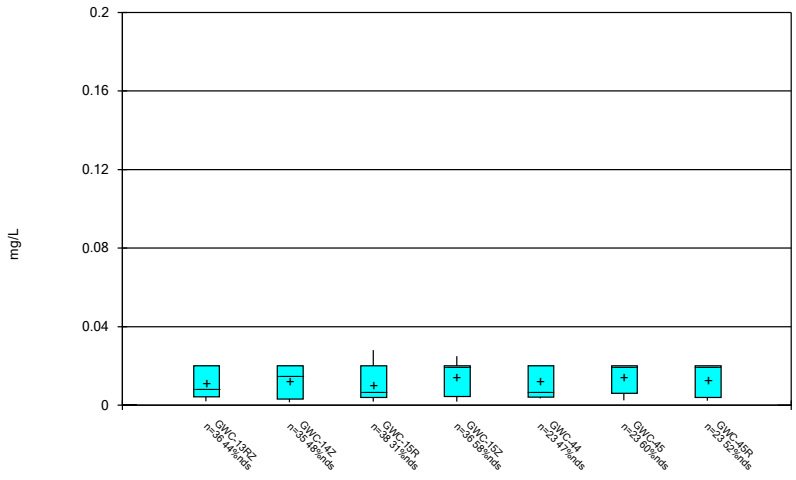
Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/23/2025 1:48 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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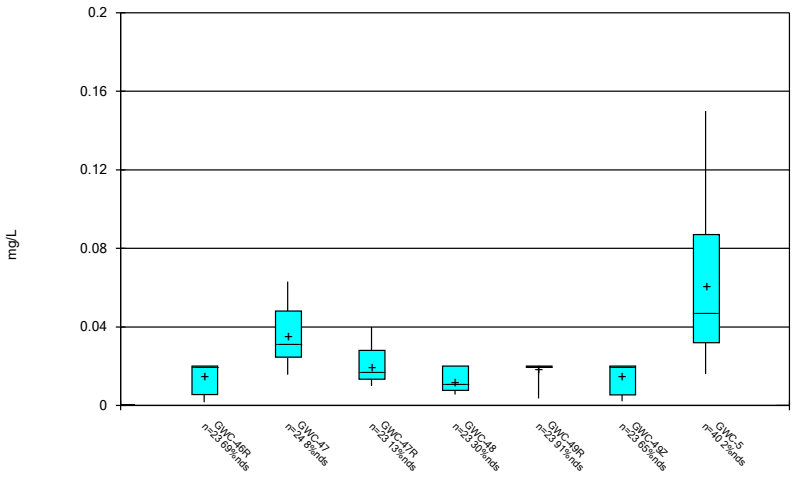
Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/23/2025 1:48 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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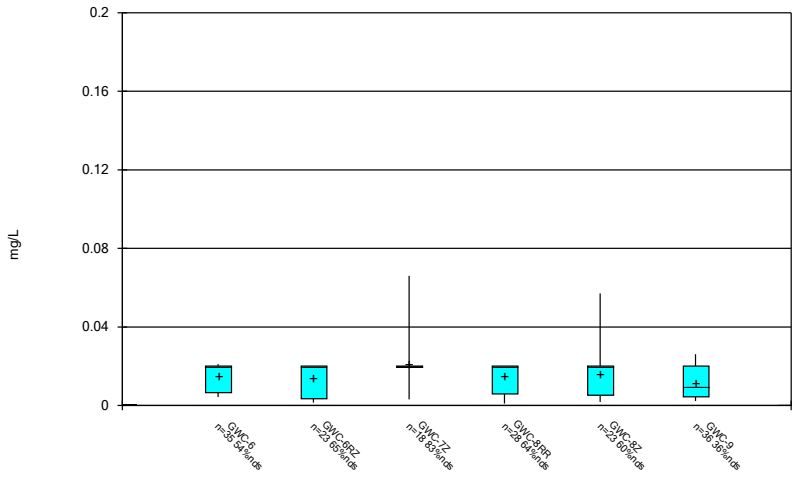
Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/23/2025 1:48 PM View: Descriptive
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

FIGURE C.

Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:11 PM

	GWA-2R Antimony (mg/L)	GWA-39RZ Antimony (mg/L)	GWC-10R Antimony (mg/L)	GWC-13RZ Antimony (mg/L)	GWA-2 Arsenic (mg/L)	GWA-50R Arsenic (mg/L)	GWC-10 Arsenic (mg/L)	GWC-13RZ Arsenic (mg/L)	GWC-14Z Arsenic (mg/L)	GWC-6 Arsenic (mg/L)
8/21/2007										
8/22/2007										
8/23/2007										
8/24/2007										
10/24/2007										
11/2/2007										
11/17/2007										
11/18/2007										
11/20/2007										
1/15/2008										
1/16/2008										
1/23/2008										
1/30/2008										
1/31/2008										
3/5/2008										
3/6/2008										
3/10/2008										
3/11/2008										
5/7/2008										
5/13/2008										
5/14/2008										
12/2/2008									0.014 (O)	
12/4/2008					0.012 (O)					
12/5/2008										
12/12/2008								0.02 (O)		
12/13/2008							0.015 (O)			
12/14/2008										
4/15/2009										
4/16/2009										
4/23/2009										
4/28/2009										
4/29/2009										
10/6/2009										
10/7/2009										
10/8/2009										
10/9/2009										
10/20/2009										
10/21/2009										
4/27/2010										
4/28/2010								0.016 (O)		
5/3/2010						0.012 (O)				
5/4/2010										0.014 (O)
4/27/2011										
4/3/2012										
5/2/2012										
4/2/2013				0.007 (O)						
10/8/2013				0.01 (O)						
4/1/2014				0.011 (O)						
10/1/2014				0.018 (O)						
3/31/2015				0.011 (O)						
4/3/2015										
10/14/2015				0.0083 (O)						
4/4/2016										
4/5/2016										
5/13/2016										
5/18/2016										
5/31/2016										
6/1/2016										
7/27/2016										
8/9/2016										
9/28/2016			0.0037 (O)							
11/23/2016										
3/16/2018	0.021 (O)									
3/19/2018										
3/14/2019		0.014 (O)								
3/9/2020										
2/22/2023										

Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:11 PM

	GWA-1 Barium (mg/L)	GWA-2 Barium (mg/L)	GWA-2R Barium (mg/L)	GWA-3A Barium (mg/L)	GWA-50 Barium (mg/L)	GWA-50R Barium (mg/L)	GWC-10 Barium (mg/L)	GWC-11 Barium (mg/L)	GWC-12 Barium (mg/L)	GWC-13 Barium (mg/L)
8/21/2007										
8/22/2007										
8/23/2007				0.015 (O)						
8/24/2007										
10/24/2007										
11/2/2007				0.017 (O)						
11/17/2007										
11/18/2007		0.13 (O)		0.019 (O)						
11/20/2007							0.1 (O)			
1/15/2008										
1/16/2008									0.13 (O)	
1/23/2008										
1/30/2008										
1/31/2008			0.13 (O)	0.011 (O)						
3/5/2008									0.07 (o)	
3/6/2008										
3/10/2008										
3/11/2008				0.016 (O)						
5/7/2008										
5/13/2008										
5/14/2008				0.013 (O)						
12/2/2008										
12/4/2008		0.14 (O)								
12/5/2008				0.021 (O)						
12/12/2008					0.098 (O)					
12/13/2008							0.12 (O)		0.13 (O)	0.11 (O)
12/14/2008								0.12 (O)		
4/15/2009				0.012 (O)						
4/16/2009									0.13 (O)	
4/23/2009						0.14 (O)				
4/28/2009										0.12 (O)
4/29/2009							0.11 (O)			
10/6/2009						0.12 (O)				
10/7/2009	0.15 (O)									
10/8/2009				0.011 (O)						
10/9/2009										
10/20/2009										
10/21/2009										
4/27/2010									0.11 (O)	
4/28/2010										
5/3/2010						0.12 (O)				
5/4/2010										
4/27/2011										
4/3/2012			0.0625 (O)							
5/2/2012										
4/2/2013										
10/8/2013										
4/1/2014										
10/1/2014										
3/31/2015										
4/3/2015										
10/14/2015										
4/4/2016										
4/5/2016										
5/13/2016										
5/18/2016										
5/31/2016										
6/1/2016										
7/27/2016										
8/9/2016										
9/28/2016										
11/23/2016										
3/16/2018										
3/19/2018										
3/14/2019										
3/9/2020										
2/22/2023										

Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:11 PM

	GWC-13RZ Barium (mg/L)	GWC-14Z Barium (mg/L)	GWC-15R Barium (mg/L)	GWC-15Z Barium (mg/L)	GWC-5 Barium (mg/L)	GWC-6 Barium (mg/L)	GWC-9 Barium (mg/L)	GWC-14Z Boron, total (mg/L)	GWA-43 Calcium, total (mg/L)	GWC-15R Calcium, total (mg/L)
8/21/2007										
8/22/2007										
8/23/2007										
8/24/2007										
10/24/2007										
11/2/2007										
11/17/2007										
11/18/2007										
11/20/2007						0.1 (O)				
1/15/2008				0.088 (O)			0.12 (O)			
1/16/2008										
1/23/2008										
1/30/2008										
1/31/2008										
3/5/2008		0.11 (O)								
3/6/2008							0.075 (O)			
3/10/2008										
3/11/2008										
5/7/2008										
5/13/2008										
5/14/2008										
12/2/2008		0.12 (O)								
12/4/2008										
12/5/2008										
12/12/2008	0.19 (O)						0.16 (O)			
12/13/2008										
12/14/2008										
4/15/2009					0.13 (O)					
4/16/2009		0.13 (O)					0.15 (O)			
4/23/2009										
4/28/2009										
4/29/2009	0.14 (O)									
10/6/2009										
10/7/2009										
10/8/2009										
10/9/2009						0.11 (O)				
10/20/2009										
10/21/2009										
4/27/2010			0.051 (O)							
4/28/2010	0.11 (O)									
5/3/2010										
5/4/2010						0.096 (O)				
4/27/2011										
4/3/2012										
5/2/2012										
4/2/2013										
10/8/2013										
4/1/2014										
10/1/2014										
3/31/2015										
4/3/2015		0.13 (O)								
10/14/2015										
4/4/2016										
4/5/2016										
5/13/2016									18.7 (o)	
5/18/2016										
5/31/2016										
6/1/2016										
7/27/2016										
8/9/2016								0.0996 (O)		
9/28/2016										
11/23/2016										62.5 (o)
3/16/2018										
3/19/2018										
3/14/2019										
3/9/2020										
2/22/2023										

Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:11 PM

	GWA-1 Chromium (mg/L)	GWA-2 Chromium (mg/L)	GWA-2R Chromium (mg/L)	GWA-39Z Chromium (mg/L)	GWA-3A Chromium (mg/L)	GWC-10 Chromium (mg/L)	GWC-10R Chromium (mg/L)	GWC-11 Chromium (mg/L)	GWC-12 Chromium (mg/L)	GWC-13RZ Chromium (mg/L)
8/21/2007							0.036 (O)			
8/22/2007										
8/23/2007										
8/24/2007										
10/24/2007		0.039 (O)								
11/2/2007					0.027 (O)					
11/17/2007										
11/18/2007	0.038 (O)	0.059 (O)			0.17 (O)					
11/20/2007						0.042 (o)				
1/15/2008										
1/16/2008									0.039 (o)	
1/23/2008										
1/30/2008	0.11 (O)						0.019 (O)			
1/31/2008			0.052 (O)							
3/5/2008									0.03 (o)	
3/6/2008										
3/10/2008	0.038 (O)									
3/11/2008		0.03 (O)			0.063 (O)					
5/7/2008								0.025 (o)		
5/13/2008										
5/14/2008					0.057 (O)					
12/2/2008										
12/4/2008										
12/5/2008										
12/12/2008										0.019 (O)
12/13/2008										
12/14/2008										
4/15/2009										
4/16/2009										
4/23/2009										
4/28/2009										
4/29/2009										
10/6/2009										
10/7/2009										
10/8/2009										
10/9/2009										
10/20/2009										
10/21/2009										
4/27/2010										
4/28/2010										
5/3/2010										
5/4/2010										
4/27/2011										
4/3/2012										
5/2/2012										
4/2/2013										
10/8/2013										
4/1/2014										
10/1/2014										
3/31/2015										
4/3/2015										
10/14/2015										
4/4/2016										
4/5/2016										
5/13/2016										
5/18/2016										
5/31/2016										
6/1/2016										
7/27/2016										
8/9/2016										
9/28/2016										
11/23/2016										
3/16/2018										
3/19/2018										
3/14/2019										
3/9/2020				0.069 (o)						
2/22/2023										

Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:11 PM

	GWC-14Z Chromium (mg/L)	GWC-15R Chromium (mg/L)	GWC-15Z Chromium (mg/L)	GWC-47R Chromium (mg/L)	GWC-6 Chromium (mg/L)	GWC-9 Chromium (mg/L)	GWA-2R Cobalt (mg/L)	GWC-11R Cobalt (mg/L)	GWC-12 Cobalt (mg/L)	GWC-15Z Cobalt (mg/L)
8/21/2007										
8/22/2007										
8/23/2007										
8/24/2007	0.083 (O)		0.061 (O)							
10/24/2007										
11/2/2007			0.078 (O)							
11/17/2007		0.031 (O)								
11/18/2007			0.085 (O)							
11/20/2007										
1/15/2008	0.043 (o)		0.079 (O)			0.078 (O)				
1/16/2008										
1/23/2008					0.064 (O)					
1/30/2008										
1/31/2008							0.0083 (O)			
3/5/2008									0.98 (O)	
3/6/2008						0.054 (O)		0.11 (O)		
3/10/2008			0.062 (O)							0.069 (O)
3/11/2008										
5/7/2008										
5/13/2008			0.044 (O)							
5/14/2008										
12/2/2008										
12/4/2008										
12/5/2008										
12/12/2008										
12/13/2008										
12/14/2008										
4/15/2009										
4/16/2009										
4/23/2009										
4/28/2009										
4/29/2009										
10/6/2009										
10/7/2009										
10/8/2009										
10/9/2009										
10/20/2009										
10/21/2009										
4/27/2010										
4/28/2010										
5/3/2010										
5/4/2010										
4/27/2011										
4/3/2012										
5/2/2012										
4/2/2013										
10/8/2013										
4/1/2014										
10/1/2014										
3/31/2015										
4/3/2015										
10/14/2015										
4/4/2016										
4/5/2016										
5/13/2016										
5/18/2016				0.00606 (JO)						
5/31/2016										
6/1/2016										
7/27/2016										
8/9/2016										
9/28/2016										
11/23/2016										
3/16/2018										
3/19/2018										
3/14/2019										
3/9/2020										
2/22/2023										

Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:11 PM

	GWC-9 Cobalt (mg/L)	GWA-39RZ Copper (mg/L)	GWA-50R Copper (mg/L)	GWC-5 Copper (mg/L)	GWA-2 Fluoride, total (mg/L)	GWA-1 Nickel (mg/L)	GWA-2 Nickel (mg/L)	GWA-2R Nickel (mg/L)	GWA-39Z Nickel (mg/L)	GWC-10R Nickel (mg/L)
8/21/2007										
8/22/2007										
8/23/2007										
8/24/2007										
10/24/2007							0.026 (O)			
11/2/2007										
11/17/2007										
11/18/2007							0.043 (O)			
11/20/2007										
1/15/2008										
1/16/2008										
1/23/2008										
1/30/2008						0.11 (O)				0.029 (O)
1/31/2008								0.054 (O)		
3/5/2008										
3/6/2008	0.13 (O)									
3/10/2008										
3/11/2008										
5/7/2008										
5/13/2008										
5/14/2008										
12/2/2008										
12/4/2008										
12/5/2008										
12/12/2008			0.064 (O)							
12/13/2008										
12/14/2008										
4/15/2009										
4/16/2009										
4/23/2009										
4/28/2009										
4/29/2009										
10/6/2009										
10/7/2009										
10/8/2009										
10/9/2009										
10/20/2009										
10/21/2009										
4/27/2010										
4/28/2010										
5/3/2010										
5/4/2010										
4/27/2011										
4/3/2012										
5/2/2012				0.0865 (O)						
4/2/2013										
10/8/2013										
4/1/2014										
10/1/2014										
3/31/2015										
4/3/2015										
10/14/2015										
4/4/2016										
4/5/2016										
5/13/2016										
5/18/2016										
5/31/2016										
6/1/2016										
7/27/2016		0.0271 (o)								
8/9/2016										
9/28/2016										
11/23/2016										
3/16/2018										
3/19/2018					1.1 (O)					
3/14/2019										
3/9/2020									0.04 (o)	
2/22/2023										

Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:11 PM

	GWC-13RZ Nickel (mg/L)	GWC-15R Nickel (mg/L)	GWC-6 Nickel (mg/L)	GWC-9 Nickel (mg/L)	GWC-13RZ pH (pH_units)	GWC-14Z pH (pH_units)	GWC-15Z pH (pH_units)	GWC-5 Selenium (mg/L)	GWC-13RZ Sulfate, total (mg/L)	GWC-44 Sulfate, total (mg/L)
8/21/2007										
8/22/2007										
8/23/2007										
8/24/2007										
10/24/2007										
11/2/2007										
11/17/2007		0.014 (O)								
11/18/2007										
11/20/2007										
1/15/2008				0.057 (O)						
1/16/2008										
1/23/2008			0.046 (O)							
1/30/2008										
1/31/2008										
3/5/2008										
3/6/2008				0.046 (O)						
3/10/2008										
3/11/2008										
5/7/2008										
5/13/2008										
5/14/2008										
12/2/2008										
12/4/2008										
12/5/2008										
12/12/2008	0.022 (O)									
12/13/2008										
12/14/2008										
4/15/2009										
4/16/2009										
4/23/2009										
4/28/2009										
4/29/2009										
10/6/2009										
10/7/2009										
10/8/2009										
10/9/2009								0.015 (O)		
10/20/2009										
10/21/2009										
4/27/2010										
4/28/2010										
5/3/2010										
5/4/2010										
4/27/2011										
4/3/2012										
5/2/2012										
4/2/2013										
10/8/2013										
4/1/2014										
10/1/2014										
3/31/2015										
4/3/2015										
10/14/2015										
4/4/2016					8.56 (o)				17.5 (o)	
4/5/2016						10.61 (o)				
5/13/2016										
5/18/2016										
5/31/2016							9.52 (o)			
6/1/2016					9.83 (o)	10.32 (o)			20.9 (o)	
7/27/2016										
8/9/2016						8.23 (o)				
9/28/2016										
11/23/2016										
3/16/2018										
3/19/2018										
3/14/2019										79.7 (O)
3/9/2020										
2/22/2023										

Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:11 PM

	GWC-13 Total Dissolved Solids [TDS] (mg/l)	GWA-2 Vanadium (mg/L)	GWC-11R Vanadium (mg/L)	GWC-13 Vanadium (mg/L)	GWC-13RZ Vanadium (mg/L)	GWA-1 Zinc (mg/L)	GWA-2 Zinc (mg/L)	GWA-2R Zinc (mg/L)	GWA-50 Zinc (mg/L)	GWA-50R Zinc (mg/L)
8/21/2007										
8/22/2007										
8/23/2007						0.032 (O)				
8/24/2007										
10/24/2007							0.043 (O)			
11/2/2007										
11/17/2007										
11/18/2007										
11/20/2007										
1/15/2008										
1/16/2008										
1/23/2008										
1/30/2008						0.022 (O)				
1/31/2008								0.063 (O)		
3/5/2008										
3/6/2008										
3/10/2008										
3/11/2008										
5/7/2008										
5/13/2008										
5/14/2008										
12/2/2008										
12/4/2008		0.016 (O)					0.081 (O)			
12/5/2008										
12/12/2008					0.023 (O)				0.048 (O)	
12/13/2008				0.02 (O)						
12/14/2008										
4/15/2009										
4/16/2009										
4/23/2009										0.075 (O)
4/28/2009										
4/29/2009			0.018 (O)							
10/6/2009										0.056 (O)
10/7/2009						0.061 (O)				
10/8/2009										
10/9/2009										
10/20/2009										
10/21/2009					0.022 (O)					
4/27/2010										
4/28/2010										
5/3/2010										0.051 (O)
5/4/2010										
4/27/2011										0.025 (O)
4/3/2012										
5/2/2012										
4/2/2013										
10/8/2013										
4/1/2014										
10/1/2014										
3/31/2015										
4/3/2015										
10/14/2015										
4/4/2016										
4/5/2016										
5/13/2016										
5/18/2016										
5/31/2016										
6/1/2016										
7/27/2016										
8/9/2016										
9/28/2016										
11/23/2016										
3/16/2018										
3/19/2018										
3/14/2019										
3/9/2020										
2/22/2023	1020 (o)									

Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:11 PM

	GWC-13 Zinc (mg/L)	GWC-13RZ Zinc (mg/L)	GWC-14Z Zinc (mg/L)	GWC-15R Zinc (mg/L)	GWC-15Z Zinc (mg/L)	GWC-6 Zinc (mg/L)	GWC-9 Zinc (mg/L)
8/21/2007							
8/22/2007						0.04 (O)	
8/23/2007							
8/24/2007					0.052 (O)		
10/24/2007							
11/2/2007							
11/17/2007			0.024 (O)	0.023 (O)			
11/18/2007							
11/20/2007						0.03 (O)	
1/15/2008					0.055 (O)		0.075 (O)
1/16/2008							
1/23/2008						0.048 (O)	
1/30/2008							
1/31/2008	0.032 (O)						
3/5/2008			0.075 (O)				
3/6/2008							0.051 (O)
3/10/2008							
3/11/2008							
5/7/2008							
5/13/2008							
5/14/2008							
12/2/2008			0.11 (O)	0.021 (O)	0.065 (O)		
12/4/2008							
12/5/2008							
12/12/2008		0.097 (O)					0.077 (O)
12/13/2008	0.087 (O)						
12/14/2008							
4/15/2009							
4/16/2009			0.091 (O)				0.064 (O)
4/23/2009							
4/28/2009	0.067 (O)						
4/29/2009		0.068 (O)					
10/6/2009							
10/7/2009							
10/8/2009							
10/9/2009						0.055 (O)	
10/20/2009			0.056 (O)				
10/21/2009	0.025 (O)						
4/27/2010							
4/28/2010		0.048 (O)					
5/3/2010							
5/4/2010						0.045 (O)	
4/27/2011							
4/3/2012							
5/2/2012							
4/2/2013							
10/8/2013							
4/1/2014							
10/1/2014							
3/31/2015							
4/3/2015							
10/14/2015							
4/4/2016							
4/5/2016							
5/13/2016							
5/18/2016							
5/31/2016							
6/1/2016							
7/27/2016							
8/9/2016							
9/28/2016							
11/23/2016							
3/16/2018							
3/19/2018							
3/14/2019							
3/9/2020							
2/22/2023							

FIGURE D.

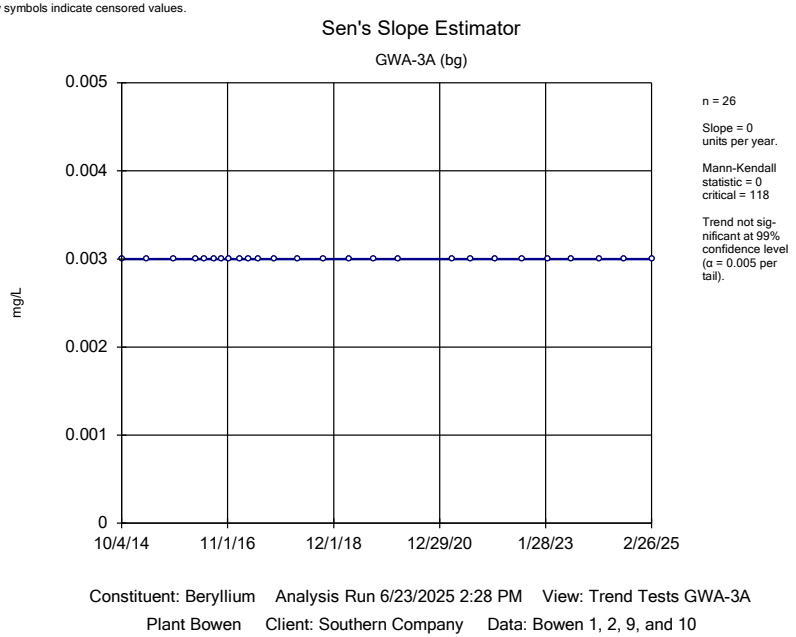
FIGURE E.

Trend Tests - Upgradient Well GWA-3A - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:30 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Beryllium (mg/L)	GWA-3A (bg)	0	0	118	No	26	100	n/a	0.01	NP
Chloride, Total (mg/L)	GWA-3A (bg)	0.1672	89	98	No	23	4.348	n/a	0.01	NP
Mercury (mg/L)	GWA-3A (bg)	0	-1.339	-2.58	No	44	97.73	n/a	0.01	NP
pH (pH_units)	GWA-3A (bg)	0.2436	51	98	No	23	0	n/a	0.01	NP
Thallium (mg/L)	GWA-3A (bg)	0	0	105	No	24	100	n/a	0.01	NP

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Beryllium Analysis Run 6/23/2025 2:28 PM View: Trend Tests GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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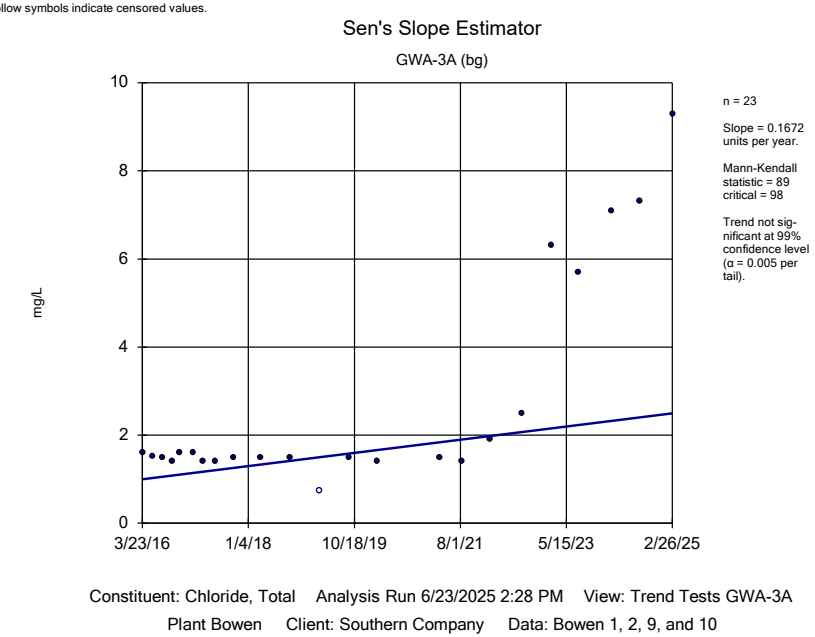
Hollow symbols indicate censored values.



Constituent: Chloride, Total Analysis Run 6/23/2025 2:28 PM View: Trend Tests GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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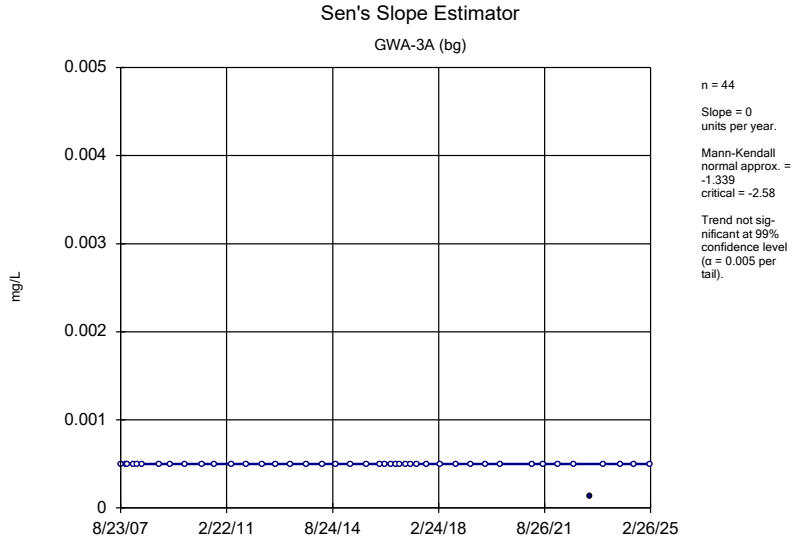
Hollow symbols indicate censored values.



Constituent: Mercury Analysis Run 6/23/2025 2:28 PM View: Trend Tests GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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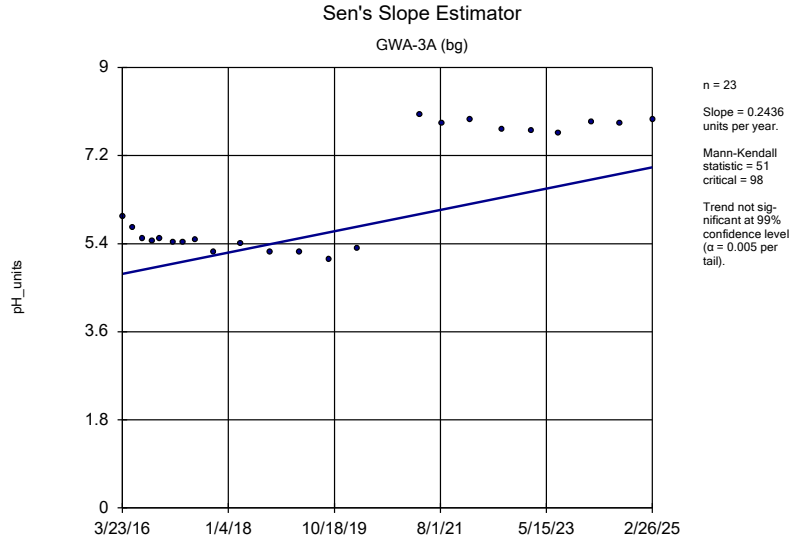

Constituent: pH Analysis Run 6/23/2025 2:28 PM View: Trend Tests GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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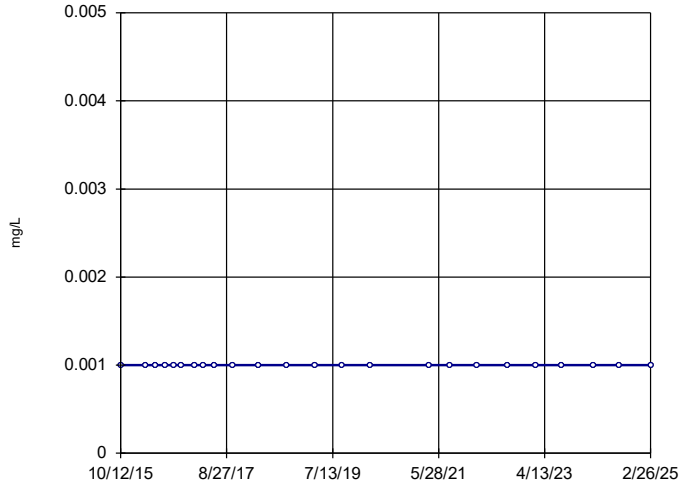
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-3A (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Thallium Analysis Run 6/23/2025 2:28 PM View: Trend Tests GWA-3A

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

FIGURE F.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	**GWA-41R**	**0.0045**	**n/a**	**2/25/2025**	**0.0089**	**Yes**	**21**	**n/a**	**n/a**	**52.38**	**n/a**	**n/a**	**0.003999**	**NP Intra (NDs) 1 of 2**
Barium (mg/L)	**GWA-42**	**0.006979**	**n/a**	**2/25/2025**	**0.0071**	**Yes**	**21**	**0.006286**	**0.000247**	**0**	**None**	**No**	**0.0001266**	**Param Intra 1 of 2**
Nickel (mg/L)	**GWC-48**	**0.007421**	**n/a**	**2/26/2025**	**0.0097**	**Yes**	**20**	**0.004398**	**0.001068**	**5**	**None**	**No**	**0.0001266**	**Param Intra 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.017	n/a	2/27/2025	0.00062J	No	42	n/a	n/a	38.1	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-2R	0.011	n/a	2/27/2025	0.0042	No	41	n/a	n/a	41.46	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-39RZ	0.008469	n/a	2/26/2025	0.0022J	No	19	0.002291	0.002147	26.32	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWA-39Z	0.0039	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	33.33	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-3A	0.0068	n/a	2/26/2025	0.003ND	No	41	n/a	n/a	68.29	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-40	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-41	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	**GWA-41R**	**0.0045**	**n/a**	**2/25/2025**	**0.0089**	**Yes**	**21**	**n/a**	**n/a**	**52.38**	**n/a**	**n/a**	**0.003999**	**NP Intra (NDs) 1 of 2**
Antimony (mg/L)	GWA-42	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-43	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-43R	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4RZ	0.003	n/a	2/28/2025	0.003ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-50	0.003	n/a	2/27/2025	0.003ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-50R	0.003	n/a	2/28/2025	0.003ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-10R	0.003	n/a	3/3/2025	0.003ND	No	41	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-11	0.003	n/a	3/4/2025	0.003ND	No	42	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-11R	0.012	n/a	3/3/2025	0.003ND	No	43	n/a	n/a	72.09	n/a	n/a	0.001037	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-12	0.003	n/a	3/4/2025	0.003ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-13	0.003	n/a	3/3/2025	0.003ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-13RZ	0.00447	n/a	3/4/2025	0.003ND	No	36	n/a	n/a	58.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-14Z	0.005	n/a	3/3/2025	0.003ND	No	42	n/a	n/a	88.1	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-15R	0.0106	n/a	3/3/2025	0.00058J	No	42	n/a	n/a	52.38	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-15Z	0.0053	n/a	3/3/2025	0.003ND	No	42	n/a	n/a	83.33	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-44	0.003	n/a	2/26/2025	0.003ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-45	0.02643	n/a	2/26/2025	0.003ND	No	23	-6.184	0.9271	21.74	Kaplan-Meier	ln(x)	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWC-45R	0.00426	n/a	2/26/2025	0.003ND	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-46R	0.003	n/a	2/26/2025	0.003ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-47	0.003	n/a	2/26/2025	0.003ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-47R	0.00436	n/a	2/26/2025	0.003ND	No	21	0.03291	0.01181	33.33	Kaplan-Meier	sqrt(x)	0.0001266	Param Intra 1 of 2
Antimony (mg/L)	GWC-48	0.003	n/a	2/26/2025	0.003ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-49R	0.0037	n/a	2/26/2025	0.00083J	No	21	n/a	n/a	52.38	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-49Z	0.003	n/a	2/26/2025	0.0011J	No	21	n/a	n/a	42.86	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWC-5	0.003	n/a	2/27/2025	0.003ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6	0.0035	n/a	2/27/2025	0.003ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-6RZ	0.003	n/a	2/27/2025	0.003ND	No	25	n/a	n/a	80	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7Z	0.003	n/a	2/27/2025	0.00071J	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8RR	0.003	n/a	3/4/2025	0.003ND	No	30	n/a	n/a	76.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-8Z	0.003	n/a	2/28/2025	0.003ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.003	n/a	2/28/2025	0.003ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-1	0.005	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2	0.005	n/a	2/27/2025	0.005ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2R	0.0056	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	69.05	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-39RZ	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	70	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-39Z	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3A	0.005	n/a	2/26/2025	0.005ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-40	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-41	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-42	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-43R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4RZ	0.005	n/a	2/28/2025	0.005ND	No	21	n/a	n/a	33.33	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-10	0.0079	n/a	2/28/2025	0.005ND	No	41	n/a	n/a	90.24	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-10R	0.005	n/a	3/3/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-11	0.005	n/a	3/4/2025	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	GWC-11R	0.0077	n/a	3/3/2025	0.005ND	No	42	n/a	n/a	45.24	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-12	0.01151	n/a	3/4/2025	0.0053	No	41	0.005796	0.00227	21.95	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Arsenic (mg/L)	GWC-13	0.0096	n/a	3/3/2025	0.005ND	No	42	n/a	n/a	73.81	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-13RZ	0.0066	n/a	3/4/2025	0.005ND	No	40	n/a	n/a	57.5	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-14Z	0.0079	n/a	3/3/2025	0.005ND	No	41	n/a	n/a	87.8	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-15R	0.005	n/a	3/3/2025	0.005ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-15Z	0.0077	n/a	3/3/2025	0.005ND	No	42	n/a	n/a	76.19	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-44	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-45	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-45R	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-46R	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-47	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-47R	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-48	0.005	n/a	2/26/2025	0.0013J	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-49R	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-49Z	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.005	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-6	0.005	n/a	2/27/2025	0.005ND	No	41	n/a	n/a	85.37	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-6RZ	0.005	n/a	2/27/2025	0.005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-7Z	0.004382	n/a	2/27/2025	0.005ND	No	21	0.001947	0.0008682	33.33	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Arsenic (mg/L)	GWC-8RR	0.005	n/a	3/4/2025	0.005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-8Z	0.005	n/a	2/28/2025	0.005ND	No	25	n/a	n/a	80	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.0086	n/a	2/28/2025	0.005ND	No	42	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.04	n/a	2/27/2025	0.017	No	41	n/a	n/a	0	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-2	0.05	n/a	2/27/2025	0.024	No	40	0.02121	0.01142	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-2R	0.04732	n/a	2/27/2025	0.028	No	40	-4.448	0.5541	0	None	ln(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-39RZ	0.02561	n/a	2/26/2025	0.016	No	20	0.1247	0.01249	0	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-39Z	0.03585	n/a	2/25/2025	0.019	No	21	0.01414	0.007741	4.762	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-3A	0.009067	n/a	2/26/2025	0.0075	No	32	0.00587	0.001232	3.125	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-40	0.01215	n/a	2/25/2025	0.0083	No	21	0.008568	0.001278	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-41	0.03652	n/a	2/25/2025	0.019	No	21	0.02503	0.004095	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-41R	0.05244	n/a	2/25/2025	0.037	No	21	0.02499	0.009788	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	**GWA-42**	**0.006979**	**n/a**	**2/25/2025**	**0.0071**	**Yes**	**21**	**0.006286**	**0.000247**	**0**	**None**	**No**	**0.0001266**	**Param Intra 1 of 2**
Barium (mg/L)	GWA-43	0.04701	n/a	2/25/2025	0.01	No	21	0.1364	0.02867	0	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-43R	0.00955	n/a	2/25/2025	0.0074	No	21	0.00766	0.000674	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-4RZ	0.06337	n/a	2/28/2025	0.043	No	21	0.03528	0.01002	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-50	0.01711	n/a	2/27/2025	0.0074	No	35	0.009291	0.003053	2.857	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWA-50R	0.02266	n/a	2/28/2025	0.0081	No	33	0.0134	0.003582	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.03515	n/a	2/28/2025	0.024	No	39	0.1366	0.02013	0	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-10R	0.03633	n/a	3/3/2025	0.025	No	42	0.02431	0.004787	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-11	0.036	n/a	3/4/2025	0.01	No	41	n/a	n/a	2.439	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-11R	0.02619	n/a	3/3/2025	0.021	No	42	0.01421	0.004773	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-12	0.043	n/a	3/4/2025	0.023	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-13	0.05766	n/a	3/3/2025	0.025	No	40	0.1628	0.03067	0	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-13RZ	0.1182	n/a	3/4/2025	0.095	No	13	0.09362	0.0075	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-14Z	0.05427	n/a	3/3/2025	0.014	No	38	0.2575	0.04773	5.263	None	x^(1/3)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-15R	0.03289	n/a	3/3/2025	0.013	No	41	0.02303	0.003918	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-15Z	0.02279	n/a	3/3/2025	0.011	No	41	0.01124	0.004593	2.439	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-44	0.09137	n/a	2/26/2025	0.03	No	21	0.04055	0.01812	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-45	0.007388	n/a	2/26/2025	0.0069	No	21	0.006095	0.0004611	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-45R	0.02826	n/a	2/26/2025	0.02	No	21	0.02146	0.002424	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-46R	0.02171	n/a	2/26/2025	0.012	No	21	0.01387	0.002796	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-47	0.01974	n/a	2/26/2025	0.009	No	21	0.01108	0.00309	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-47R	0.0344	n/a	2/26/2025	0.0084	No	21	n/a	n/a	4.762	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-48	0.05599	n/a	2/26/2025	0.055	No	22	0.03116	0.008935	4.545	None	No	0.0001266	Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-49R	0.026	n/a	2/26/2025	0.011	No	21	n/a	n/a	4.762	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-49Z	0.0121	n/a	2/26/2025	0.0045J	No	21	n/a	n/a	4.762	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-5	0.02853	n/a	2/27/2025	0.013	No	41	0.1296	0.01561	0	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.009975	n/a	2/27/2025	0.0066	No	16	0.007231	0.0009105	6.25	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-6RZ	0.01781	n/a	2/27/2025	0.0068	No	25	-4.782	0.2793	4	None	ln(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-7Z	0.04249	n/a	2/27/2025	0.01	No	21	0.02365	0.006717	0	None	No	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-8RR	0.02314	n/a	3/4/2025	0.013	No	30	-4.192	0.1628	0	None	ln(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-8Z	0.05892	n/a	2/28/2025	0.023	No	25	-3.609	0.2883	0	None	ln(x)	0.0001266	Param Intra 1 of 2
Barium (mg/L)	GWC-9	0.0539	n/a	2/28/2025	0.05	No	38	0.03938	0.005721	0	None	No	0.0001266	Param Intra 1 of 2
Cadmium (mg/L)	GWA-1	0.00076	n/a	2/27/2025	0.0005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-39RZ	0.0005	n/a	2/26/2025	0.0005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-39Z	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-42	0.0003665	n/a	2/25/2025	0.00016J	No	21	0.01242	0.002396	14.29	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Cadmium (mg/L)	GWA-43	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-50	0.0005	n/a	2/27/2025	0.0005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10	0.0005	n/a	2/28/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-10R	0.0005	n/a	3/3/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-11R	0.00056	n/a	3/3/2025	0.0005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-12	0.0012	n/a	3/4/2025	0.00067	No	43	n/a	n/a	51.16	n/a	n/a	0.001037	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-14Z	0.0005	n/a	3/3/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-15R	0.0005	n/a	3/3/2025	0.0005ND	No	42	n/a	n/a	88.1	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-44	0.0005	n/a	2/26/2025	0.0005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-45R	0.0005	n/a	2/26/2025	0.0005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-47	0.0005	n/a	2/26/2025	0.00017J	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-47R	0.0005	n/a	2/26/2025	0.0005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-48	0.0005174	n/a	2/26/2025	0.0003J	No	21	-8.571	0.3581	4.762	None	ln(x)	0.0001266	Param Intra 1 of 2
Cadmium (mg/L)	GWC-49Z	0.0005	n/a	2/26/2025	0.0005ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-5	0.0005	n/a	2/27/2025	0.0005ND	No	42	n/a	n/a	80.95	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-6	0.0005	n/a	2/27/2025	0.0005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-7Z	0.0005	n/a	2/27/2025	0.0005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8Z	0.0005	n/a	2/28/2025	0.0005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-1	0.012	n/a	2/27/2025	0.005ND	No	39	n/a	n/a	76.92	n/a	n/a	0.001226	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2	0.009	n/a	2/27/2025	0.005ND	No	39	n/a	n/a	69.23	n/a	n/a	0.001226	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2R	0.012	n/a	2/27/2025	0.005ND	No	41	n/a	n/a	85.37	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-39RZ	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	50	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-39Z	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3A	0.012	n/a	2/26/2025	0.005ND	No	37	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-40	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-41	0.015	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-42	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-43R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-50	0.005	n/a	2/27/2025	0.005ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-50R	0.005	n/a	2/28/2025	0.005ND	No	36	n/a	n/a	72.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-10	0.034	n/a	2/28/2025	0.005ND	No	41	n/a	n/a	46.34	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-10R	0.01	n/a	3/3/2025	0.005ND	No	40	n/a	n/a	80	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-11	0.0134	n/a	3/4/2025	0.0072	No	41	0.005248	0.003239	29.27	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-11R	0.01008	n/a	3/3/2025	0.0039J	No	20	0.005761	0.001524	5	None	No	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-12	0.0058	n/a	3/4/2025	0.005ND	No	40	n/a	n/a	77.5	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-13	0.009246	n/a	3/3/2025	0.0035J	No	25	0.006193	0.001131	0	None	No	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-13RZ	0.005	n/a	3/4/2025	0.005ND	No	41	n/a	n/a	75.61	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-14Z	0.016	n/a	3/3/2025	0.005ND	No	40	n/a	n/a	37.5	n/a	n/a	0.001159	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-15R	0.014	n/a	3/3/2025	0.005ND	No	41	n/a	n/a	63.41	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-15Z	0.027	n/a	3/3/2025	0.005ND	No	36	n/a	n/a	52.78	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWC-44	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-45	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-45R	0.0058	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-46R	0.008977	n/a	2/26/2025	0.0039J	No	22	0.004027	0.001781	13.64	None	No	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-47	0.003142	n/a	2/26/2025	0.0021J	No	21	0.0018	0.0004786	9.524	None	No	0.0001266	Param Intra 1 of 2
Chromium (mg/L)	GWC-47R	0.018	n/a	2/26/2025	0.004J	No	20	n/a	n/a	0	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-48	0.005	n/a	2/26/2025	0.0013J	No	21	n/a	n/a	23.81	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-49R	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-49Z	0.00778	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-5	0.032	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	59.52	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-6	0.027	n/a	2/27/2025	0.003J	No	41	n/a	n/a	24.39	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-6RZ	0.005	n/a	2/27/2025	0.0026J	No	25	n/a	n/a	20	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-7Z	0.005	n/a	2/27/2025	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-8RR	0.0056	n/a	3/4/2025	0.005ND	No	30	n/a	n/a	46.67	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-8Z	0.005	n/a	2/28/2025	0.0013J	No	25	n/a	n/a	28	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-9	0.018	n/a	2/28/2025	0.005ND	No	40	n/a	n/a	82.5	n/a	n/a	0.001159	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	80.95	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.013	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2R	0.005	n/a	2/27/2025	0.005ND	No	41	n/a	n/a	87.8	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-39RZ	0.0057	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-39Z	0.009181	n/a	2/25/2025	0.005ND	No	21	0.1154	0.03352	42.86	Kaplan-Meier	x^(1/3)	0.0001266	Param Intra 1 of 2
Cobalt (mg/L)	GWA-3A	0.0057	n/a	2/26/2025	0.005ND	No	41	n/a	n/a	46.34	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-42	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4RZ	0.02963	n/a	2/28/2025	0.019	No	21	0.01137	0.00651	4.762	None	No	0.0001266	Param Intra 1 of 2
Cobalt (mg/L)	GWA-50R	0.005	n/a	2/28/2025	0.005ND	No	36	n/a	n/a	83.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.013	n/a	2/28/2025	0.0029J	No	42	n/a	n/a	54.76	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-11	0.016	n/a	3/4/2025	0.005ND	No	42	n/a	n/a	83.33	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-11R	0.005	n/a	3/3/2025	0.005ND	No	41	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-12	0.01	n/a	3/4/2025	0.0033J	No	41	n/a	n/a	7.317	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-13	0.011	n/a	3/3/2025	0.005ND	No	42	n/a	n/a	88.1	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-13RZ	0.0079	n/a	3/4/2025	0.005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-14Z	0.011	n/a	3/3/2025	0.005ND	No	42	n/a	n/a	83.33	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-15R	0.005	n/a	3/3/2025	0.005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-15Z	0.005	n/a	3/3/2025	0.005ND	No	41	n/a	n/a	95.12	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-44	0.005	n/a	2/26/2025	0.0019J	No	21	n/a	n/a	4.762	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-45	0.005	n/a	2/26/2025	0.0015J	No	21	n/a	n/a	9.524	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-46R	0.005	n/a	2/26/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-48	0.005043	n/a	2/26/2025	0.0035J	No	21	-6.293	0.3576	4.762	None	ln(x)	0.0001266	Param Intra 1 of 2
Cobalt (mg/L)	GWC-49Z	0.007555	n/a	2/26/2025	0.0014J	No	21	0.002674	0.00174	9.524	None	No	0.0001266	Param Intra 1 of 2
Cobalt (mg/L)	GWC-5	0.0073	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	61.9	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7Z	0.005	n/a	2/27/2025	0.005ND	No	21	n/a	n/a	19.05	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-8RR	0.005	n/a	3/4/2025	0.005ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-8Z	0.005	n/a	2/28/2025	0.005ND	No	25	n/a	n/a	88	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-9	0.0067	n/a	2/28/2025	0.005ND	No	41	n/a	n/a	68.29	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-1	0.0094	n/a	2/27/2025	0.005ND	No	37	n/a	n/a	64.86	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.013	n/a	2/27/2025	0.005ND	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2R	0.013	n/a	2/27/2025	0.005ND	No	37	n/a	n/a	59.46	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-39RZ	0.011	n/a	2/26/2025	0.005ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-39Z	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3A	0.005	n/a	2/26/2025	0.005ND	No	8	n/a	n/a	100	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-40	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-41	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Copper (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.0035J	No	20	n/a	n/a	55	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-42	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-43R	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4RZ	0.005	n/a	2/28/2025	0.005ND	No	14	n/a	n/a	78.57	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-50	0.02368	n/a	2/27/2025	0.0017J	No	31	0.1702	0.04492	12.9	None	x^(1/3)	0.0001266	Param Intra 1 of 2
Copper (mg/L)	GWA-50R	0.014	n/a	2/28/2025	0.004J	No	20	n/a	n/a	0	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-10	0.006	n/a	2/28/2025	0.005ND	No	37	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10R	0.007	n/a	3/3/2025	0.005ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.013	n/a	3/4/2025	0.005ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11R	0.019	n/a	3/3/2025	0.005ND	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-12	0.0067	n/a	3/4/2025	0.005ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.005	n/a	3/3/2025	0.005ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13RZ	0.013	n/a	3/4/2025	0.005ND	No	36	n/a	n/a	75	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14Z	0.0056	n/a	3/3/2025	0.005ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-15R	0.02	n/a	3/3/2025	0.005ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-15Z	0.021	n/a	3/3/2025	0.005ND	No	36	n/a	n/a	75	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-44	0.0054	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	65	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-45	0.012	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	65	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-45R	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-46R	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-47	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-47R	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	75	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-48	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-49Z	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	70	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-5	0.03324	n/a	2/27/2025	0.016	No	18	0.02119	0.00412	0	None	No	0.0001266	Param Intra 1 of 2
Copper (mg/L)	GWC-6	0.0069	n/a	2/27/2025	0.005ND	No	37	n/a	n/a	67.57	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6RZ	0.005	n/a	2/27/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7Z	0.005	n/a	2/27/2025	0.005ND	No	15	n/a	n/a	73.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8RR	0.005	n/a	3/4/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8Z	0.005	n/a	2/28/2025	0.005ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.01	n/a	2/28/2025	0.005ND	No	37	n/a	n/a	70.27	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-1	0.0028	n/a	2/27/2025	0.001ND	No	42	n/a	n/a	80.95	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2	0.002536	n/a	2/27/2025	0.001ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2R	0.001	n/a	2/27/2025	0.001ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-39RZ	0.0011	n/a	2/26/2025	0.001ND	No	20	n/a	n/a	70	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-39Z	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-40	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-41	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-41R	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-42	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-43	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-43R	0.0038	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-4RZ	0.001	n/a	2/28/2025	0.001ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-50	0.001	n/a	2/27/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-50R	0.0012	n/a	2/28/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	2/28/2025	0.001ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10R	0.001	n/a	3/3/2025	0.001ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-11	0.001	n/a	3/4/2025	0.001ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-11R	0.001	n/a	3/3/2025	0.001ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-13	0.001	n/a	3/3/2025	0.001ND	No	42	n/a	n/a	78.57	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-13RZ	0.001	n/a	3/4/2025	0.001ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-14Z	0.001	n/a	3/3/2025	0.001ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-15R	0.0011	n/a	3/3/2025	0.0004J	No	42	n/a	n/a	71.43	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-15Z	0.001	n/a	3/3/2025	0.001ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	GWC-44	0.001136	n/a	2/26/2025	0.00043J	No	21	0.0203	0.004776	33.33	Kaplan-Meier	sqrt(x)	0.0001266	Param Intra 1 of 2
Lead (mg/L)	GWC-45	0.001	n/a	2/26/2025	0.001ND	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Lead (mg/L)	GWC-45R	0.001	n/a	2/26/2025	0.001ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-47	0.001	n/a	2/26/2025	0.001ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-47R	0.001	n/a	2/26/2025	0.001ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-48	0.002529	n/a	2/26/2025	0.001ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-49Z	0.001	n/a	2/26/2025	0.001ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/27/2025	0.001ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	2/27/2025	0.001ND	No	42	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6RZ	0.001	n/a	2/27/2025	0.001ND	No	25	n/a	n/a	88	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7Z	0.001	n/a	2/27/2025	0.001ND	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8RR	0.001	n/a	3/4/2025	0.001ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8Z	0.001	n/a	2/28/2025	0.001ND	No	25	n/a	n/a	48	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Lead (mg/L)	GWC-9	0.0012	n/a	2/28/2025	0.001ND	No	42	n/a	n/a	73.81	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.024	n/a	2/27/2025	0.005ND	No	36	n/a	n/a	75	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.02	n/a	2/27/2025	0.005ND	No	35	n/a	n/a	71.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2R	0.0093	n/a	2/27/2025	0.005ND	No	36	n/a	n/a	80.56	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-39RZ	0.0224	n/a	2/26/2025	0.005ND	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-39Z	0.0149	n/a	2/25/2025	0.005ND	No	19	n/a	n/a	36.84	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-3A	0.005	n/a	2/26/2025	0.005ND	No	8	n/a	n/a	100	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-41	0.0089	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.0016J	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-42	0.0025	n/a	2/25/2025	0.0015J	No	20	n/a	n/a	10	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	45	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-43R	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4RZ	0.005	n/a	2/28/2025	0.005ND	No	14	n/a	n/a	85.71	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-50	0.005	n/a	2/27/2025	0.005ND	No	31	n/a	n/a	41.94	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-50R	0.004998	n/a	2/28/2025	0.0025ND	No	20	0.04065	0.01061	5	None	sqrt(x)	0.0001266	Param Intra 1 of 2
Nickel (mg/L)	GWC-10	0.032	n/a	2/28/2025	0.005ND	No	37	n/a	n/a	48.65	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-10R	0.006	n/a	3/3/2025	0.005ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0087	n/a	3/4/2025	0.005ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11R	0.005	n/a	3/3/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.029	n/a	3/4/2025	0.0026J	No	37	n/a	n/a	35.14	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-13	0.015	n/a	3/3/2025	0.005ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13RZ	0.005	n/a	3/4/2025	0.005ND	No	35	n/a	n/a	82.86	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-14Z	0.011	n/a	3/3/2025	0.005ND	No	37	n/a	n/a	67.57	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-15R	0.0096	n/a	3/3/2025	0.005ND	No	36	n/a	n/a	61.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-15Z	0.019	n/a	3/3/2025	0.005ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-44	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-45	0.00316	n/a	2/26/2025	0.0013J	No	20	n/a	n/a	5	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-45R	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-46R	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-47	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-47R	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	70	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	**GWC-48**	**0.007421**	**n/a**	**2/26/2025**	**0.0097**	**Yes**	**20**	**0.004398**	**0.001068**	**5**	**None**	**No**	**0.0001266**	**Param Intra 1 of 2**
Nickel (mg/L)	GWC-49R	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-49Z	0.006407	n/a	2/26/2025	0.0022J	No	20	0.00284	0.001259	5	None	No	0.0001266	Param Intra 1 of 2
Nickel (mg/L)	GWC-5	0.051	n/a	2/27/2025	0.0093	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-6	0.022	n/a	2/27/2025	0.005ND	No	36	n/a	n/a	61.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7Z	0.005	n/a	2/27/2025	0.005ND	No	15	n/a	n/a	53.33	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8RR	0.005	n/a	3/4/2025	0.005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8Z	0.005	n/a	2/28/2025	0.005ND	No	20	n/a	n/a	75	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-9	0.014	n/a	2/28/2025	0.0013J	No	35	n/a	n/a	31.43	n/a	n/a	0.001497	NP Intra (normality) 1 of 2
Selenium (mg/L)	GWA-2	0.01	n/a	2/27/2025	0.01ND	No	42	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-2R	0.01	n/a	2/27/2025	0.01ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	GWA-43	0.01	n/a	2/25/2025	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-13	0.01	n/a	3/3/2025	0.01ND	No	42	n/a	n/a	64.29	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-13RZ	0.01	n/a	3/4/2025	0.01ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-14Z	0.01	n/a	3/3/2025	0.01ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-15R	0.01	n/a	3/3/2025	0.01ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-44	0.01	n/a	2/26/2025	0.0026J	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Selenium (mg/L)	GWC-46R	0.01	n/a	2/26/2025	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-48	0.01	n/a	2/26/2025	0.0069	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-5	0.01	n/a	2/27/2025	0.01ND	No	41	n/a	n/a	90.24	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-6RZ	0.01	n/a	2/27/2025	0.01ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-8Z	0.01	n/a	2/28/2025	0.01ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.01	n/a	2/28/2025	0.0013J	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-39RZ	0.005	n/a	2/26/2025	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-50	0.005	n/a	2/27/2025	0.00061J	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-50R	0.004294	n/a	2/28/2025	0.0016J	No	31	0.001858	0.0009348	25.81	Kaplan-Meier	No	0.0001266	Param Intra 1 of 2
Silver (mg/L)	GWC-12	0.005	n/a	3/4/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-13RZ	0.005	n/a	3/4/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.01	n/a	2/27/2025	0.01ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2	0.01	n/a	2/27/2025	0.01ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2R	0.01	n/a	2/27/2025	0.01ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-39RZ	0.01	n/a	2/26/2025	0.01ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-3A	0.01	n/a	2/26/2025	0.01ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-41R	0.01	n/a	2/25/2025	0.01ND	No	20	n/a	n/a	100	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-42	0.01	n/a	2/25/2025	0.01ND	No	20	n/a	n/a	100	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-43	0.01	n/a	2/25/2025	0.01ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-43R	0.01	n/a	2/25/2025	0.01ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4RZ	0.01	n/a	2/28/2025	0.01ND	No	14	n/a	n/a	92.86	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-50R	0.01	n/a	2/28/2025	0.01ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-10	0.01	n/a	2/28/2025	0.01ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-11	0.01	n/a	3/4/2025	0.01ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-11R	0.01	n/a	3/3/2025	0.01ND	No	36	n/a	n/a	61.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-12	0.01	n/a	3/4/2025	0.01ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.01	n/a	3/3/2025	0.01ND	No	36	n/a	n/a	58.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13RZ	0.011	n/a	3/4/2025	0.01ND	No	34	n/a	n/a	73.53	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14Z	0.012	n/a	3/3/2025	0.01ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-15R	0.01	n/a	3/3/2025	0.01ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-15Z	0.012	n/a	3/3/2025	0.01ND	No	27	n/a	n/a	66.67	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-44	0.01	n/a	2/26/2025	0.01ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-45	0.01	n/a	2/26/2025	0.01ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-45R	0.01	n/a	2/26/2025	0.01ND	No	20	n/a	n/a	100	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-47R	0.01	n/a	2/26/2025	0.01ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-48	0.01	n/a	2/26/2025	0.01ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-5	0.01	n/a	2/27/2025	0.01ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-6	0.01	n/a	2/27/2025	0.01ND	No	37	n/a	n/a	75.68	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-8RR	0.01	n/a	3/4/2025	0.01ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-8Z	0.01	n/a	2/28/2025	0.01ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.01	n/a	2/28/2025	0.01ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.02	n/a	2/27/2025	0.02ND	No	34	n/a	n/a	41.18	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-2	0.027	n/a	2/27/2025	0.02ND	No	35	n/a	n/a	54.29	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2R	0.02	n/a	2/27/2025	0.02ND	No	36	n/a	n/a	55.56	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-39RZ	0.02	n/a	2/26/2025	0.02ND	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-39Z	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-3A	0.02	n/a	2/26/2025	0.02ND	No	8	n/a	n/a	100	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-40	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-41	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc (mg/L)	GWA-41R	0.02	n/a	2/25/2025	0.0032J	No	20	n/a	n/a	75	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-42	0.02	n/a	2/25/2025	0.01J	No	20	n/a	n/a	35	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-43	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-43R	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-4RZ	0.02	n/a	2/28/2025	0.02ND	No	14	n/a	n/a	71.43	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-50	0.02	n/a	2/27/2025	0.02ND	No	30	n/a	n/a	43.33	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-50R	0.02	n/a	2/28/2025	0.02ND	No	27	n/a	n/a	44.44	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10	0.057	n/a	2/28/2025	0.02ND	No	37	n/a	n/a	43.24	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-10R	0.02	n/a	3/3/2025	0.02ND	No	37	n/a	n/a	51.35	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.02	n/a	3/4/2025	0.02ND	No	37	n/a	n/a	67.57	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11R	0.02	n/a	3/3/2025	0.02ND	No	37	n/a	n/a	54.05	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.06785	n/a	3/4/2025	0.017J	No	37	0.2228	0.07267	16.22	Kaplan-Meier	x^(1/3)	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWC-13	0.025	n/a	3/3/2025	0.02ND	No	33	n/a	n/a	39.39	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-13RZ	0.02	n/a	3/4/2025	0.0025J	No	33	n/a	n/a	42.42	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-14Z	0.02	n/a	3/3/2025	0.02ND	No	32	n/a	n/a	43.75	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-15R	0.02	n/a	3/3/2025	0.0035J	No	35	n/a	n/a	31.43	n/a	n/a	0.001497	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-15Z	0.025	n/a	3/3/2025	0.02ND	No	33	n/a	n/a	54.55	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-44	0.02	n/a	2/26/2025	0.004J	No	20	n/a	n/a	45	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-45	0.02	n/a	2/26/2025	0.02ND	No	20	n/a	n/a	55	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-45R	0.02	n/a	2/26/2025	0.02ND	No	20	n/a	n/a	45	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-46R	0.02	n/a	2/26/2025	0.02ND	No	20	n/a	n/a	65	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-47	0.06354	n/a	2/26/2025	0.05	No	21	0.03194	0.01127	9.524	None	No	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWC-47R	0.04566	n/a	2/26/2025	0.018J	No	20	0.02065	0.008831	10	None	No	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWC-48	0.02	n/a	2/26/2025	0.016J	No	20	n/a	n/a	35	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-49R	0.02	n/a	2/26/2025	0.02ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-49Z	0.02	n/a	2/26/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.06734	n/a	2/27/2025	0.022	No	18	0.03718	0.01032	5.556	None	No	0.0001266	Param Intra 1 of 2
Zinc (mg/L)	GWC-6	0.021	n/a	2/27/2025	0.02ND	No	32	n/a	n/a	50	n/a	n/a	0.001803	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-6RZ	0.02	n/a	2/27/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7Z	0.02	n/a	2/27/2025	0.02ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8RR	0.02	n/a	3/4/2025	0.02ND	No	25	n/a	n/a	60	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8Z	0.02	n/a	2/28/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.026	n/a	2/28/2025	0.0032J	No	33	n/a	n/a	33.33	n/a	n/a	0.001701	NP Intra (normality) 1 of 2

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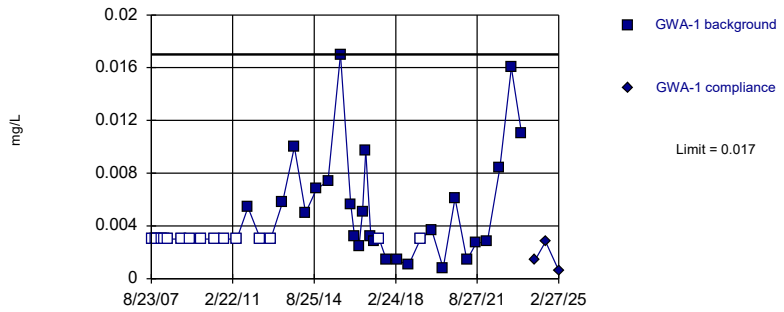
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 42 background values. 38.1% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:04 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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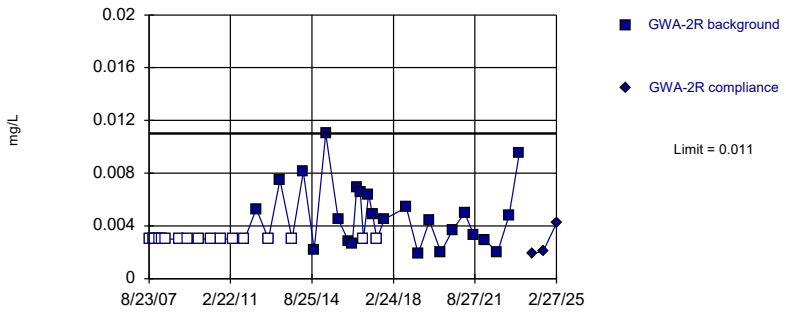
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 41 background values. 41.46% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:04 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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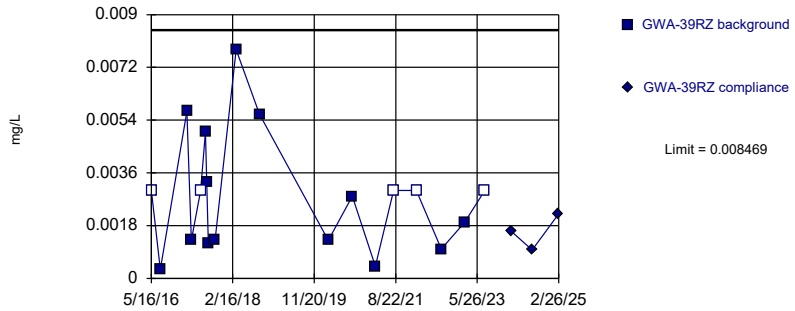
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002291, Std. Dev.=0.002147, n=19, 26.32% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9026, critical = 0.901. Kappa = 2.877 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Antimony Analysis Run 6/23/2025 2:04 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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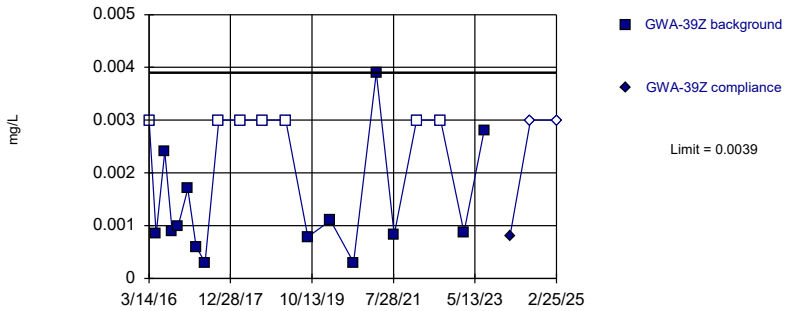
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:04 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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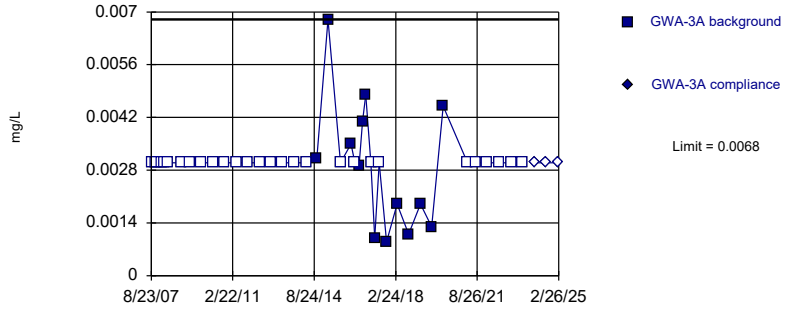
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 68.29% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:04 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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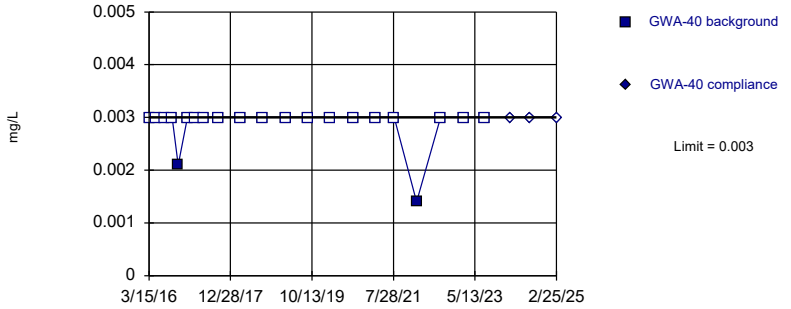
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:04 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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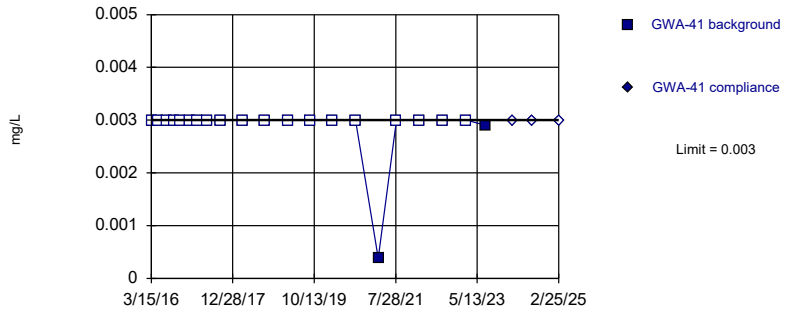
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:04 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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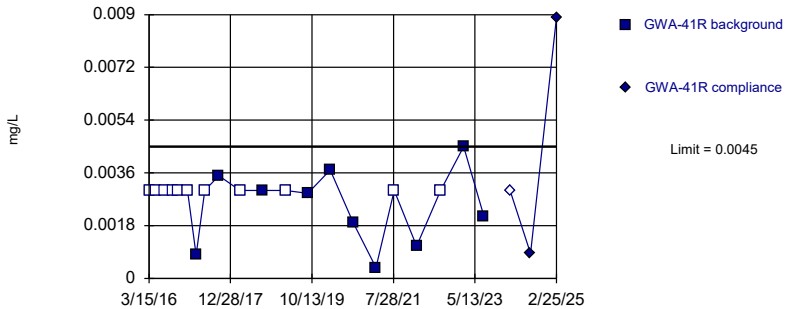
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 52.38% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:04 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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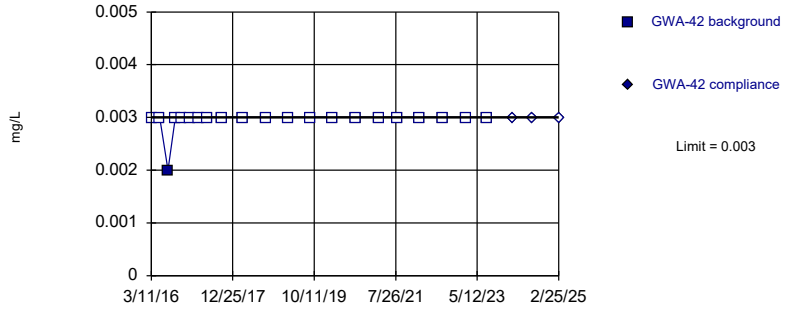
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:04 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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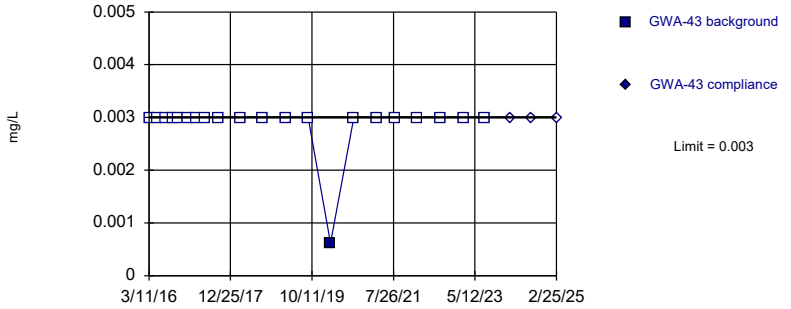
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



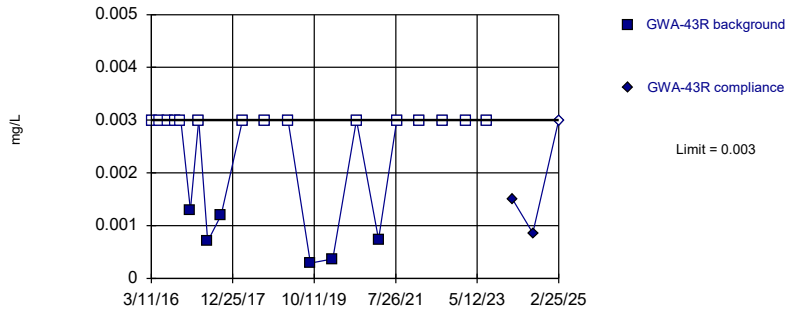
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:04 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



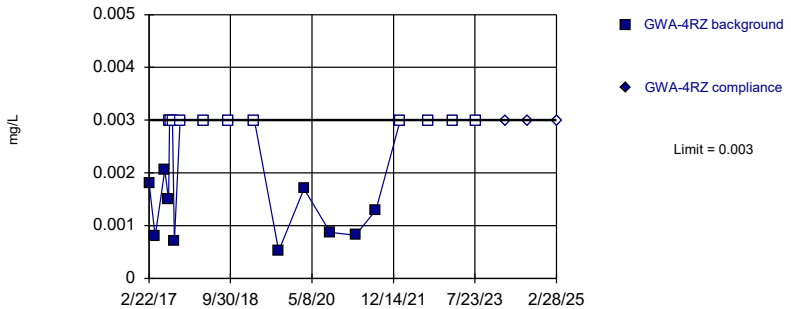
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:04 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 52.38% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

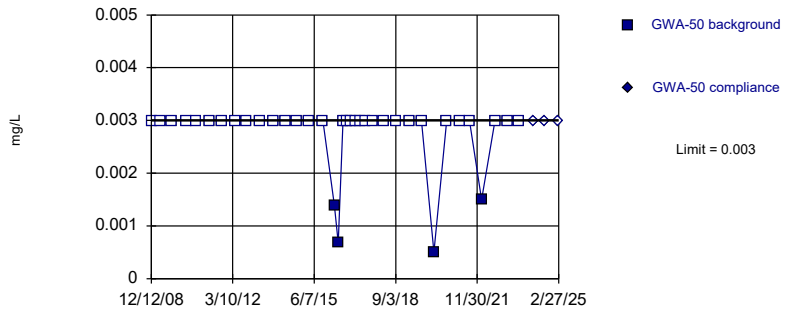
Constituent: Antimony Analysis Run 6/23/2025 2:04 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

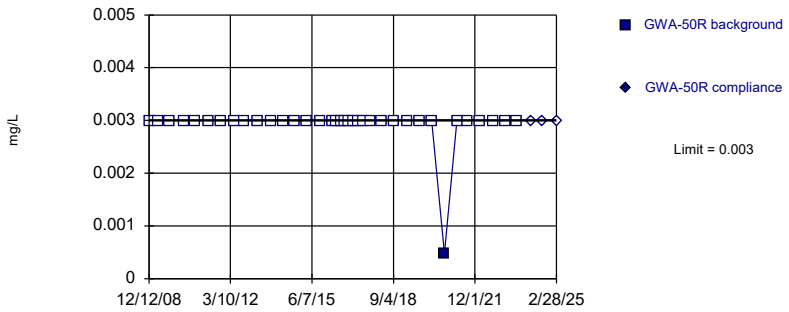
Constituent: Antimony Analysis Run 6/23/2025 2:04 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

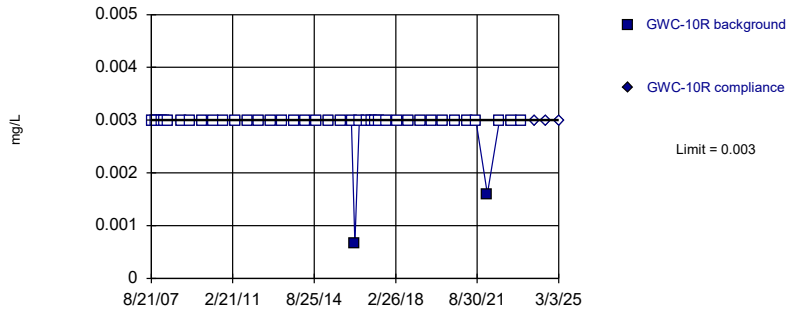
Constituent: Antimony Analysis Run 6/23/2025 2:04 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 95.12% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

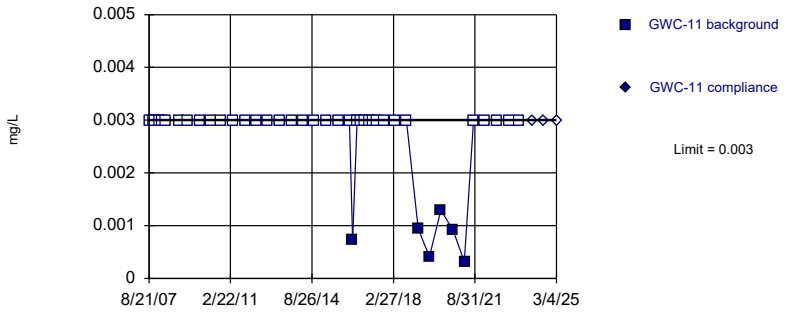
Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



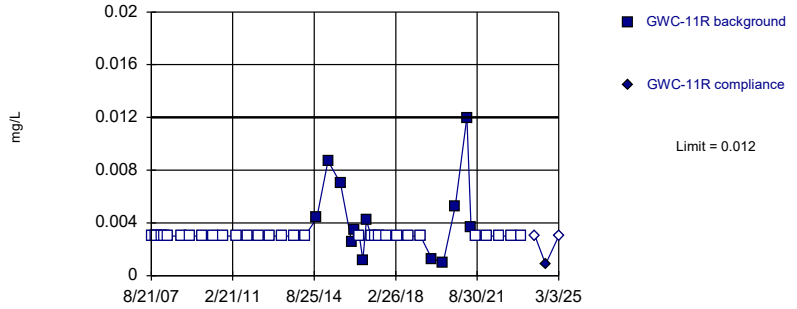
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



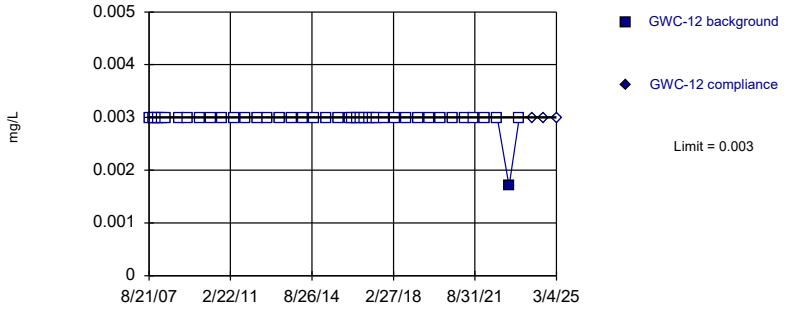
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 43 background values. 72.09% NDs. Well-constituent pair annual alpha = 0.002073. Individual comparison alpha = 0.001037 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



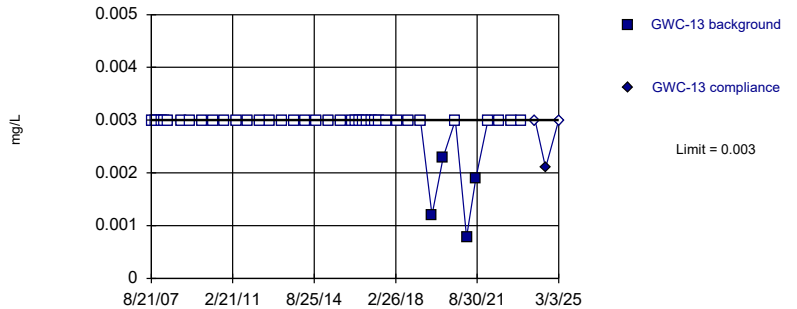
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



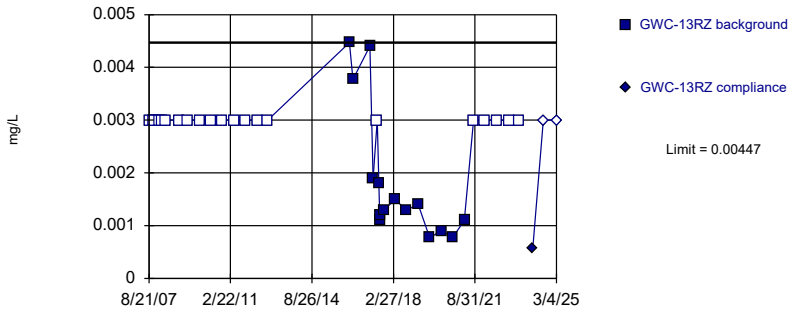
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 58.33% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

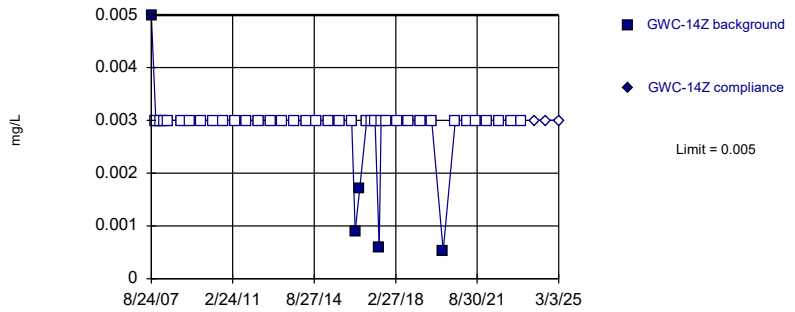
Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 88.1% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

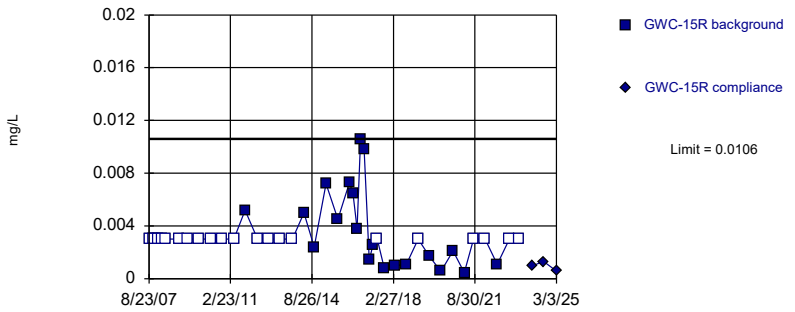
Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 52.38% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

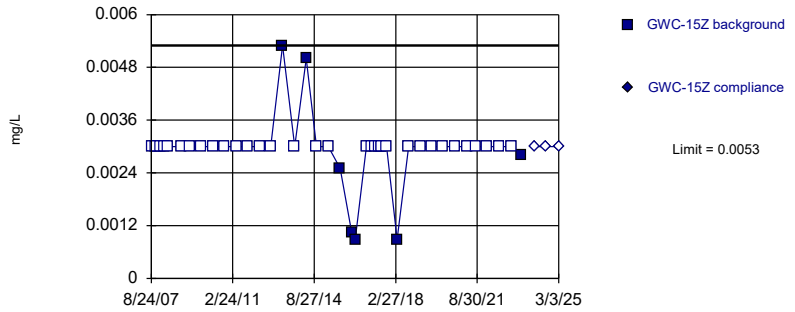
Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

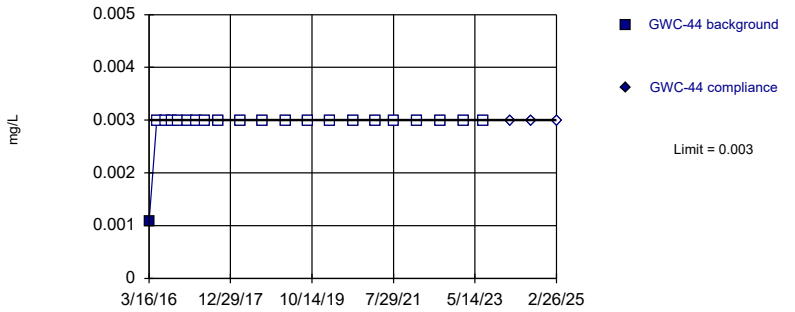
Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



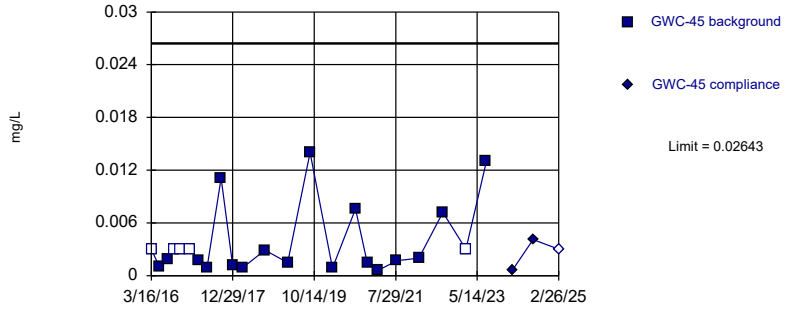
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



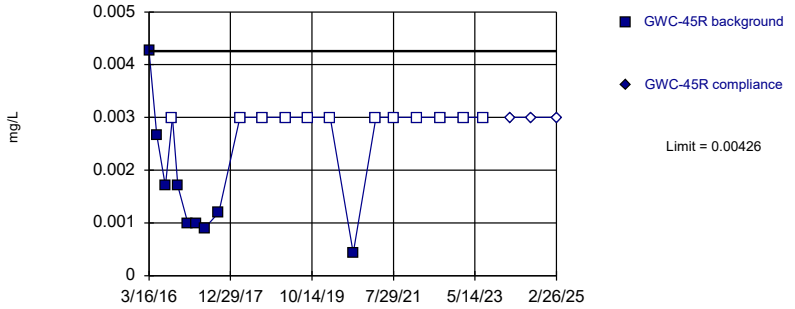
Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-6.184, Std. Dev.=0.9271, n=23, 21.74% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.928, critical = 0.881. Kappa = 2.752 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



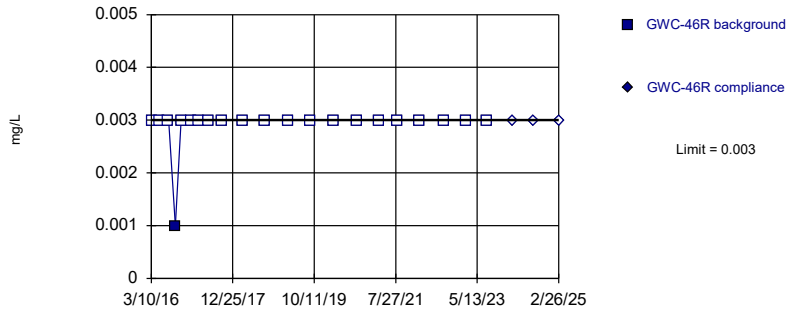
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



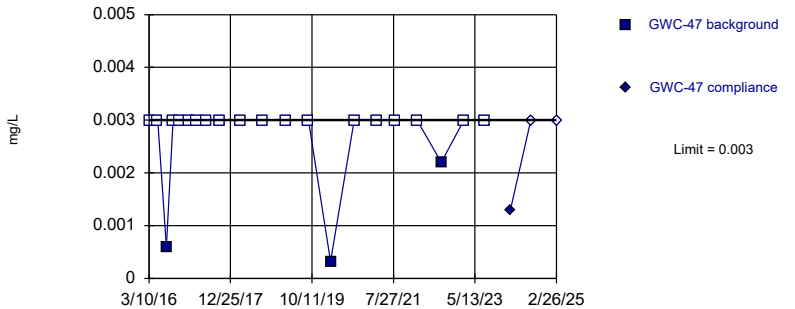
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



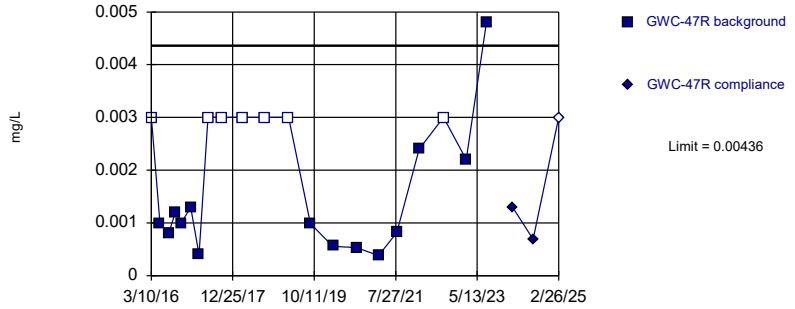
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



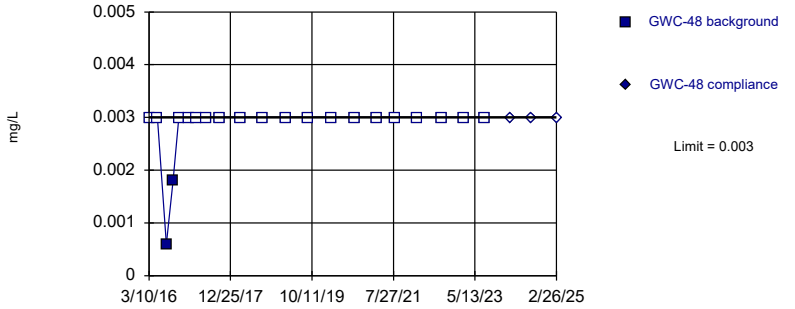
Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.03291, Std. Dev.=0.01181, n=21, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8983, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



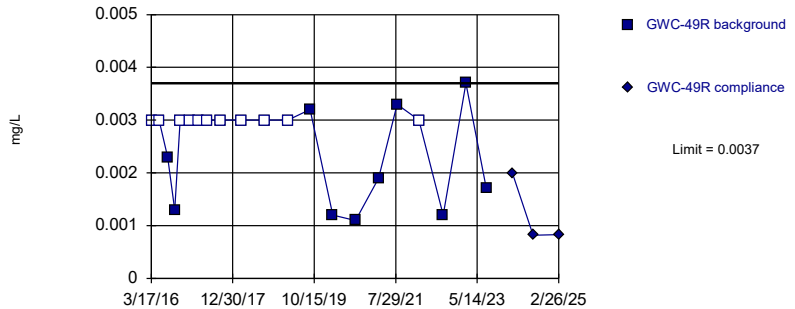
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



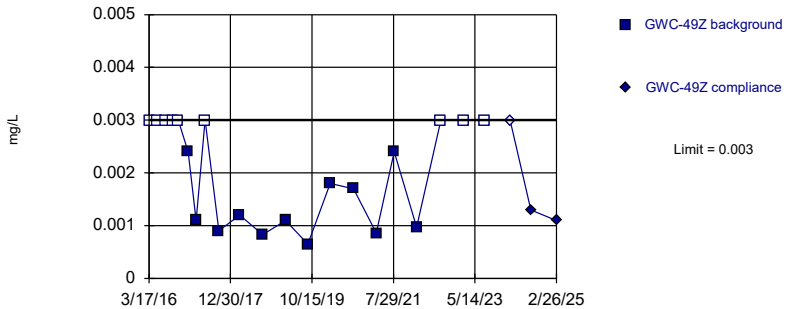
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 52.38% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



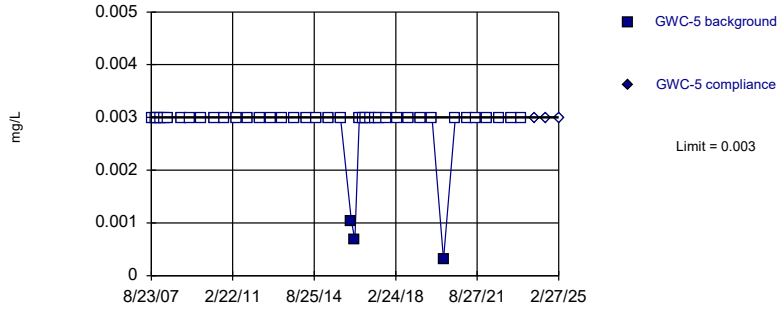
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 42.86% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



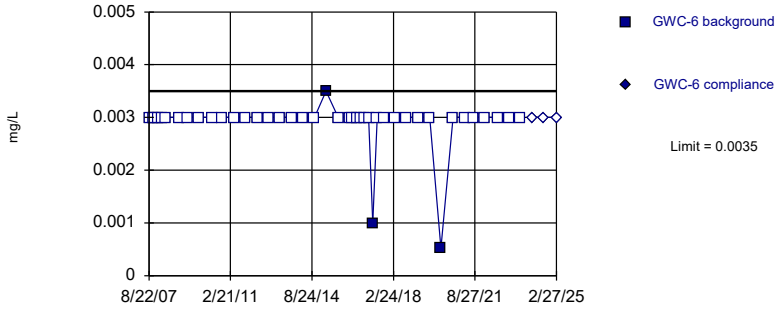
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



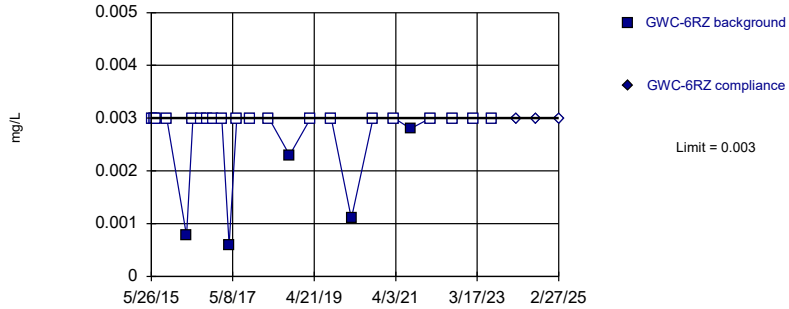
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



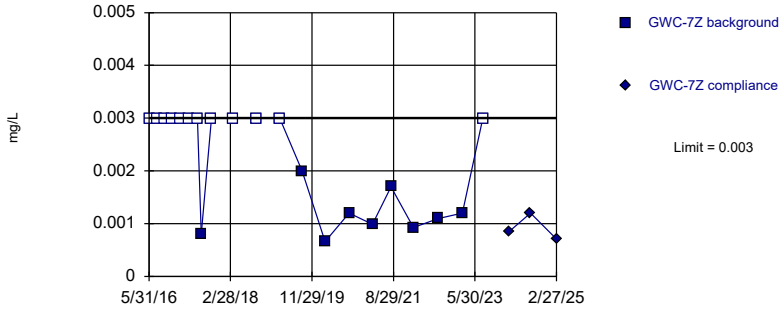
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 80% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



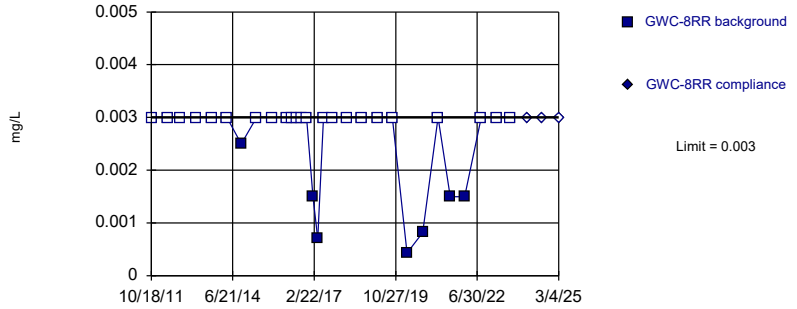
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



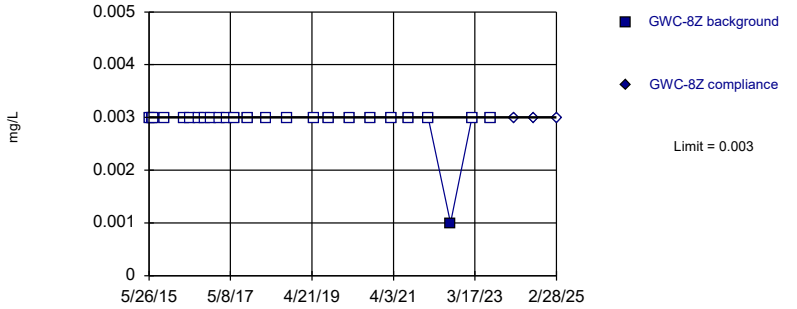
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 76.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



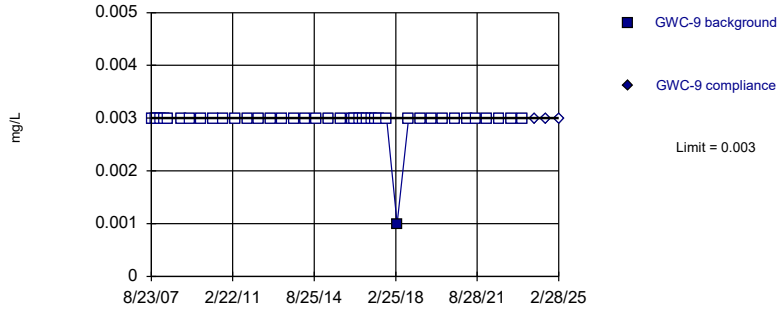
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



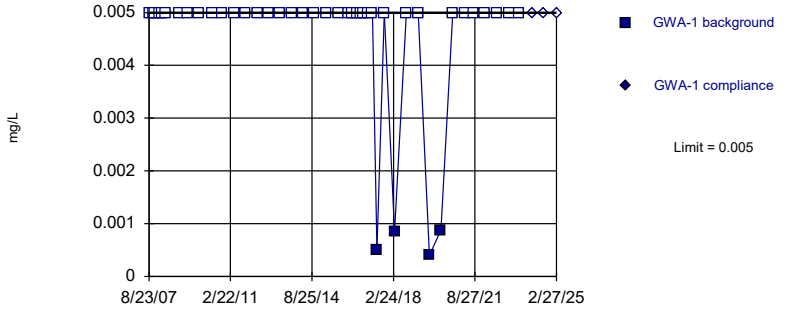
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

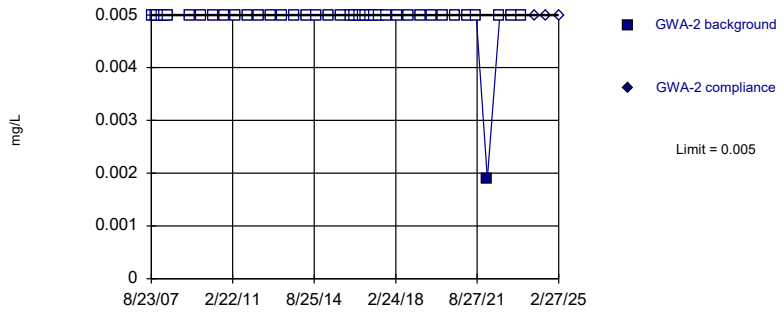
Constituent: Arsenic Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

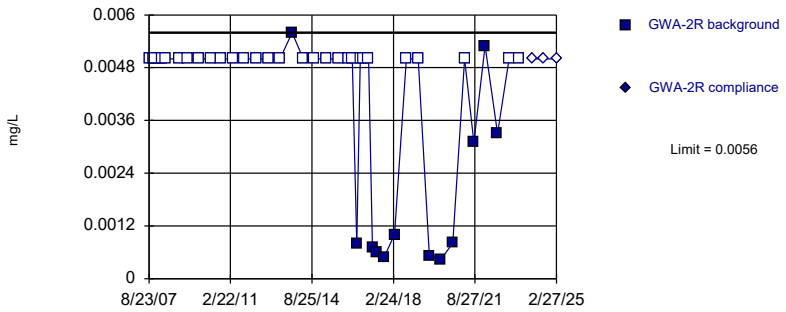
Constituent: Arsenic Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 69.05% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

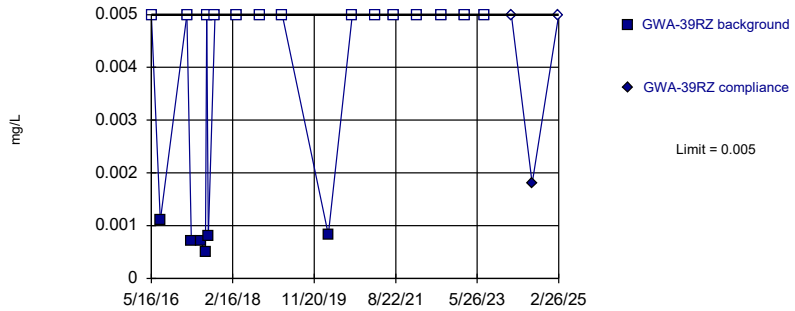
Constituent: Arsenic Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 70% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

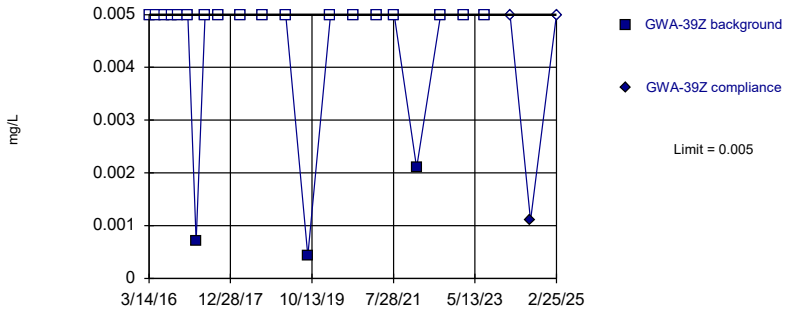
Constituent: Arsenic Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



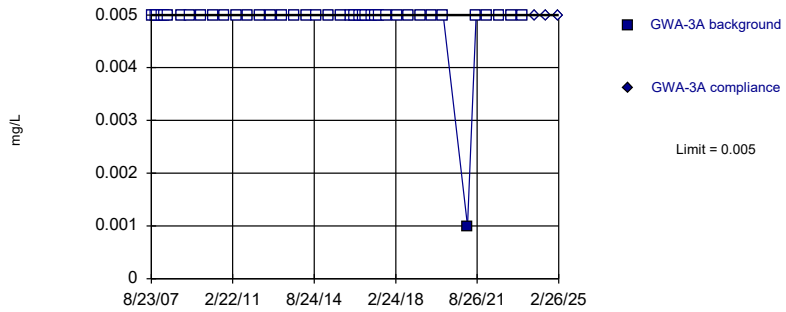
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



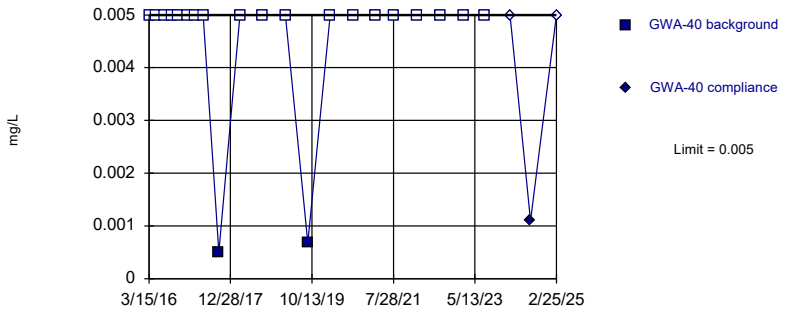
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



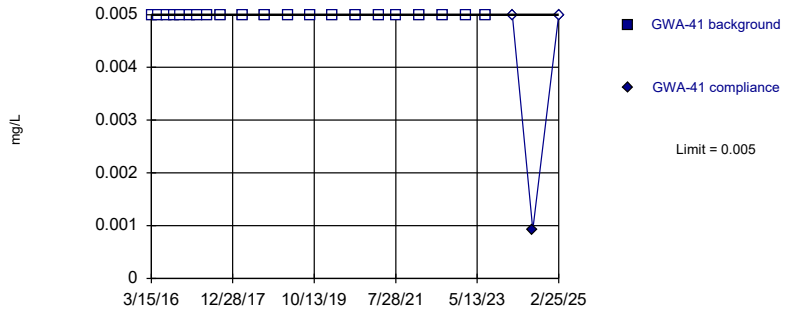
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



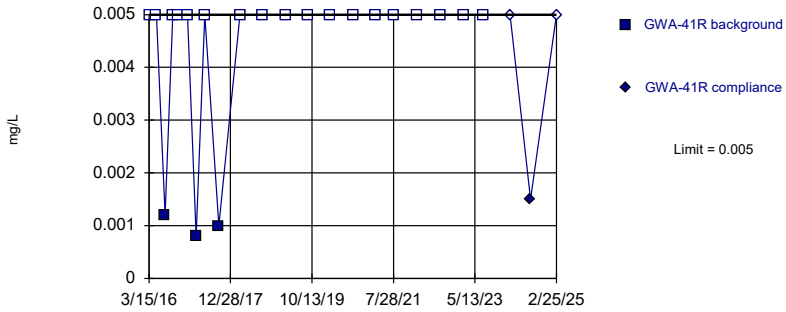
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

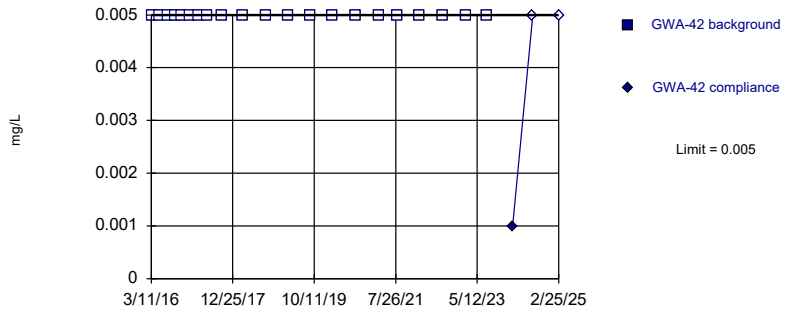
Constituent: Arsenic Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

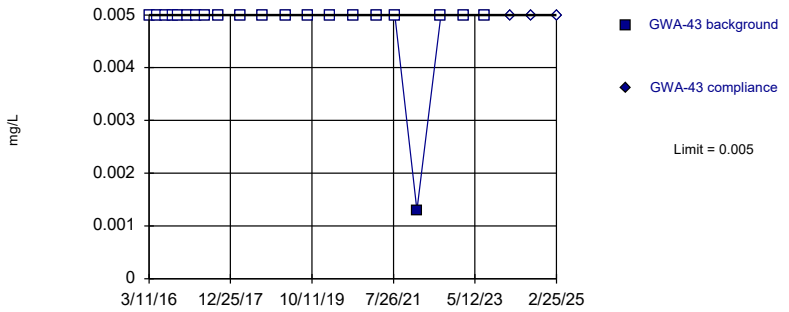
Constituent: Arsenic Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

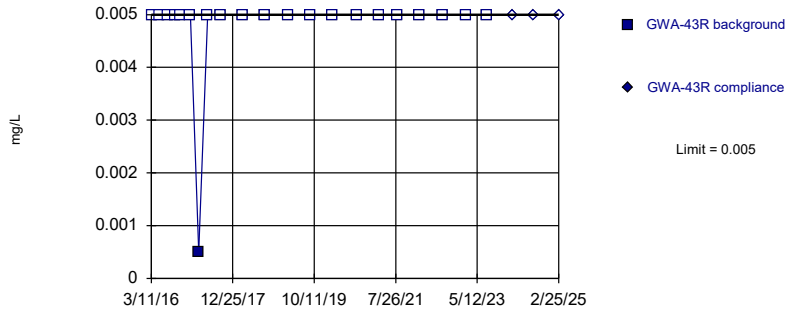
Constituent: Arsenic Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

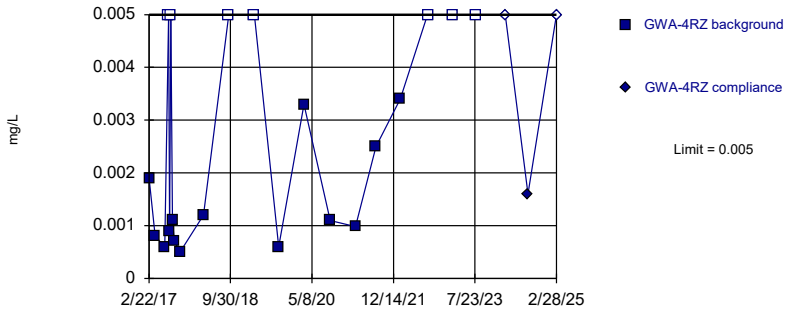
Constituent: Arsenic Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



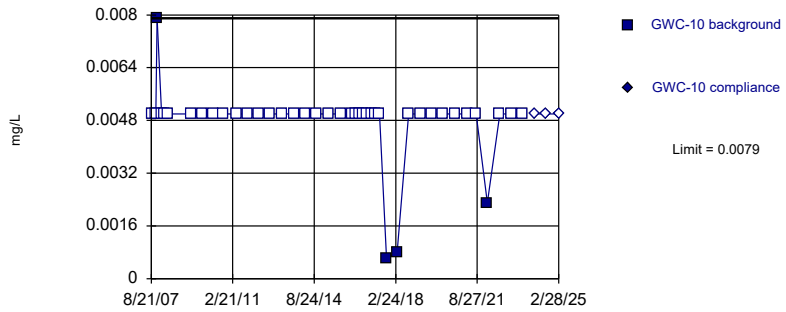
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



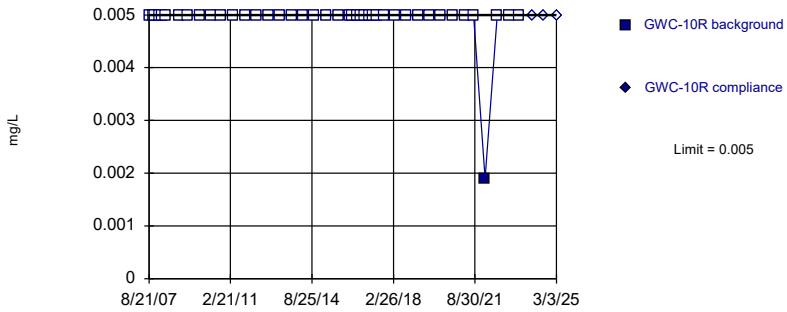
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 90.24% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



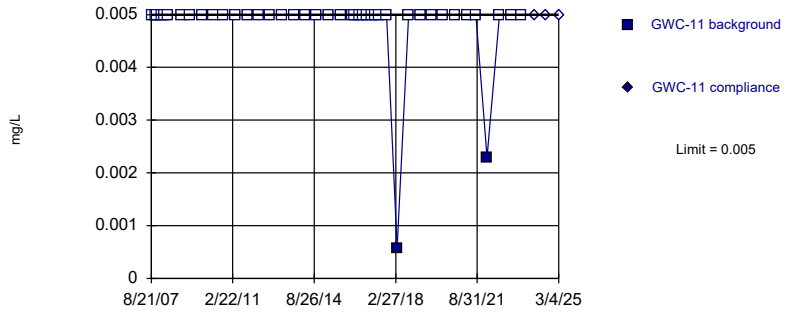
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



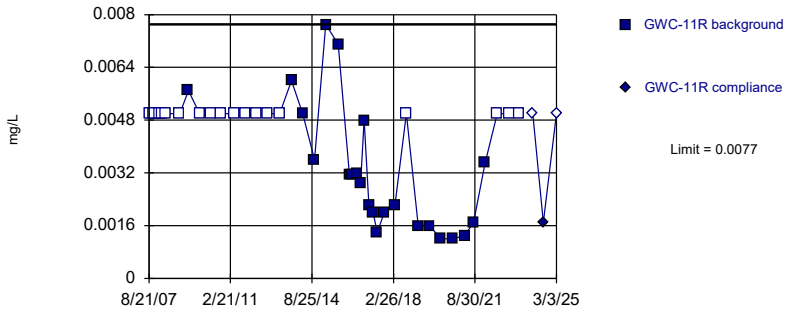
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 42 background values. 45.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

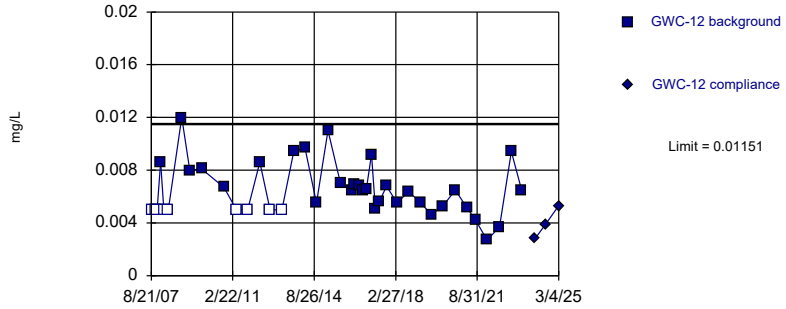
Constituent: Arsenic Analysis Run 6/23/2025 2:05 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.005796, Std. Dev.=0.00227, n=41, 21.95% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9221, critical = 0.92. Kappa = 2.516 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

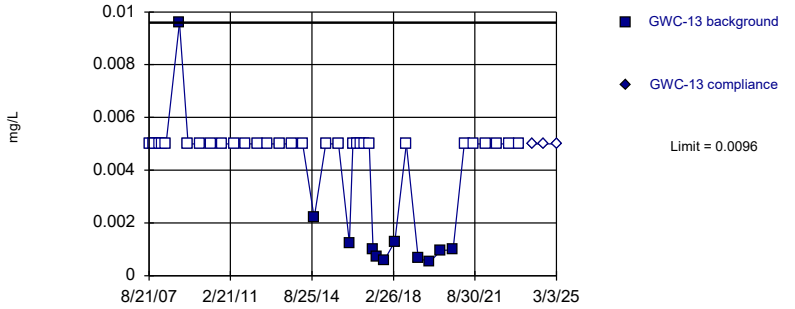
Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 73.81% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

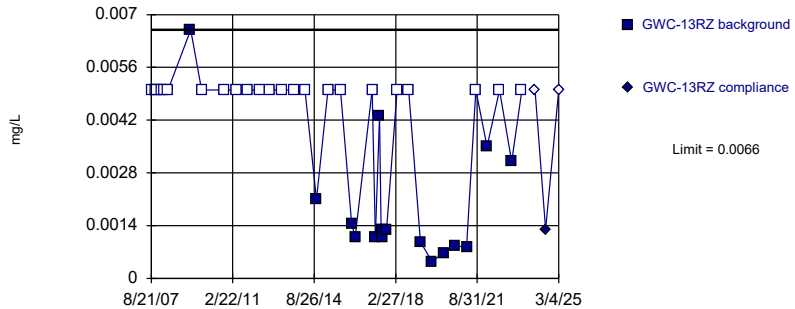
Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 57.5% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

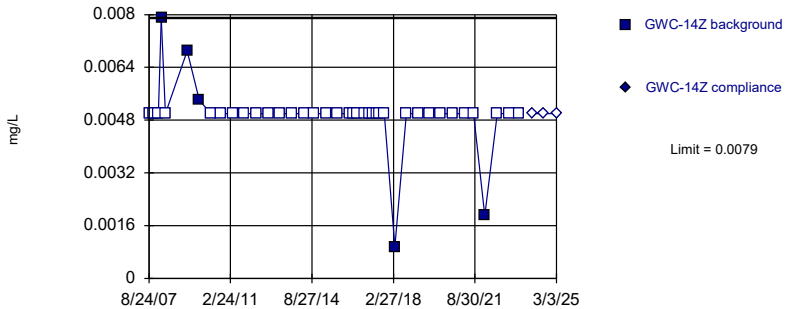
Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



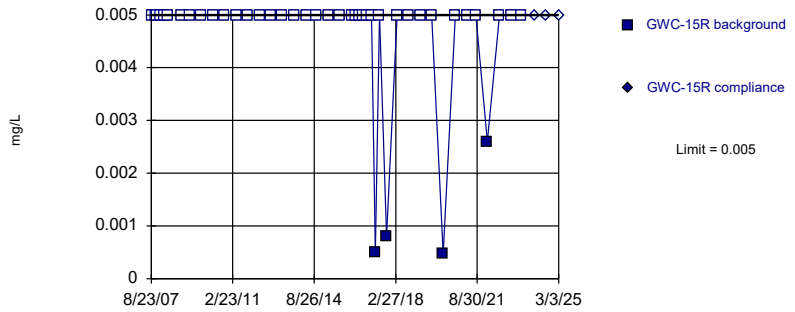
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 87.8% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



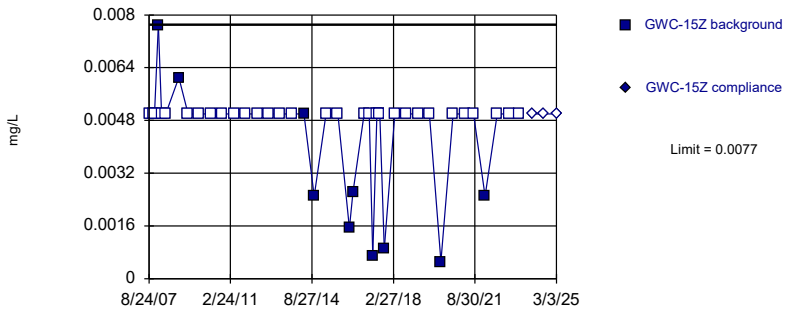
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



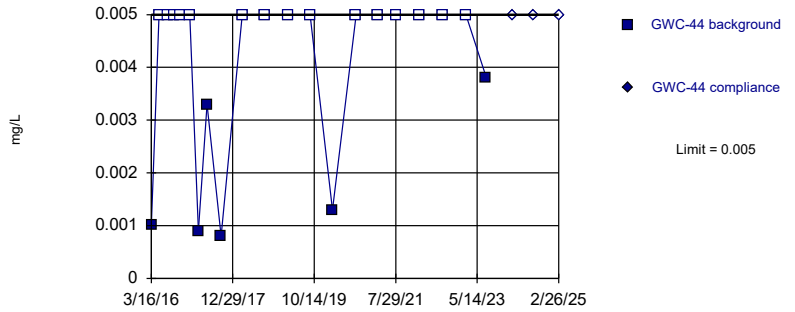
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



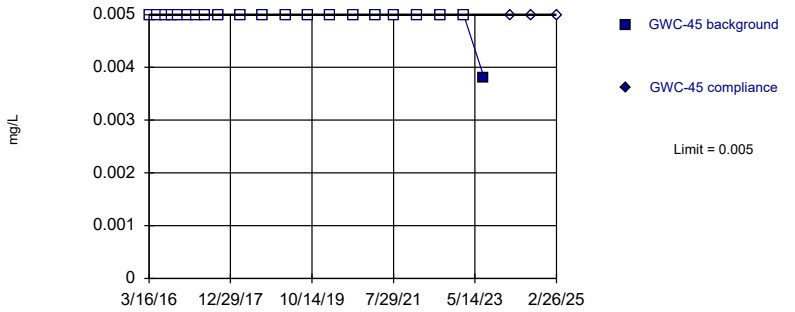
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

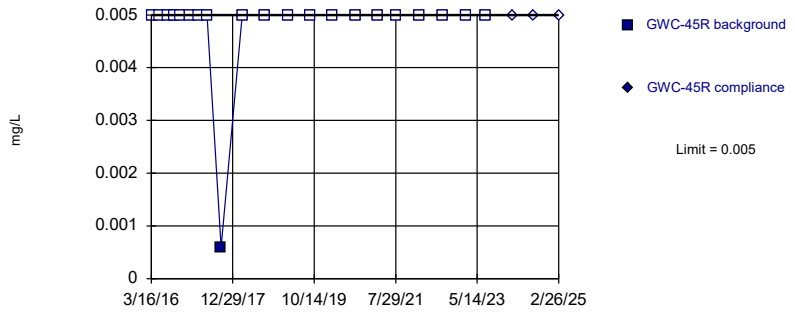
Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

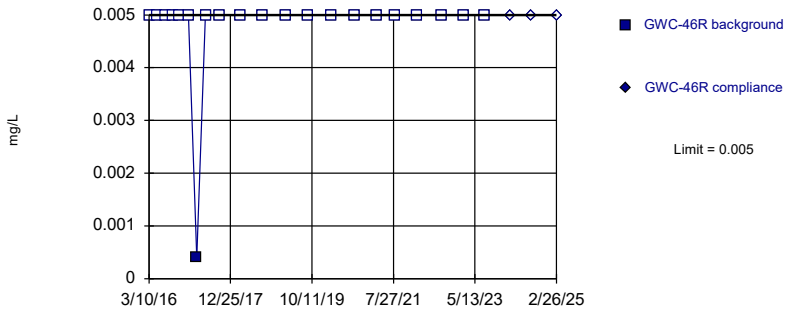
Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

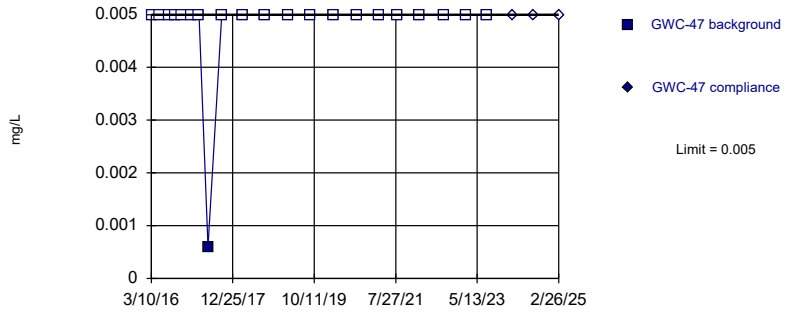
Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

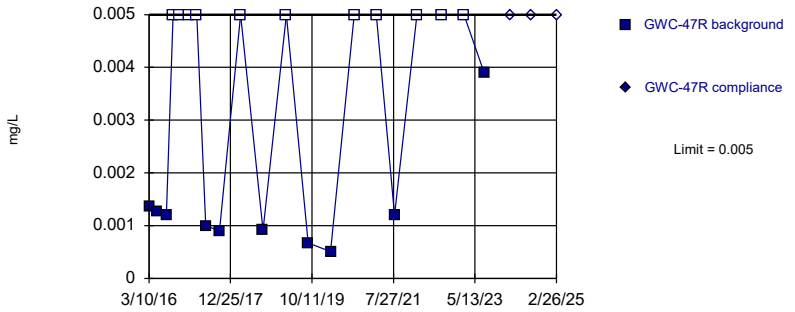
Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 52.38% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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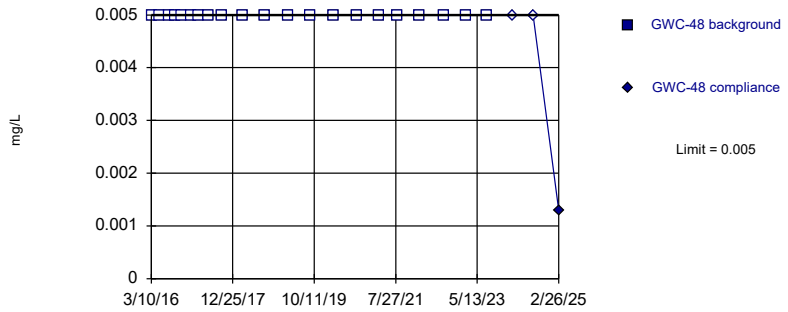
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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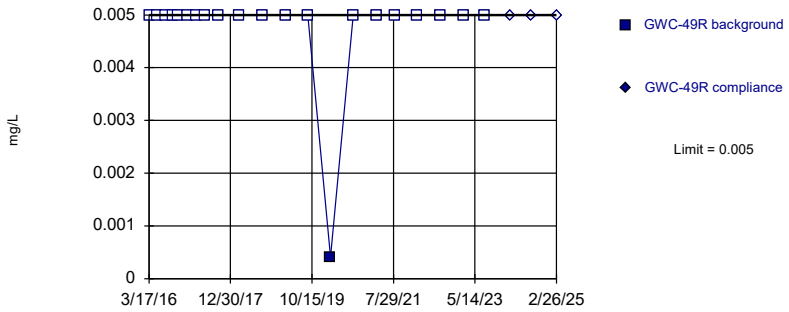
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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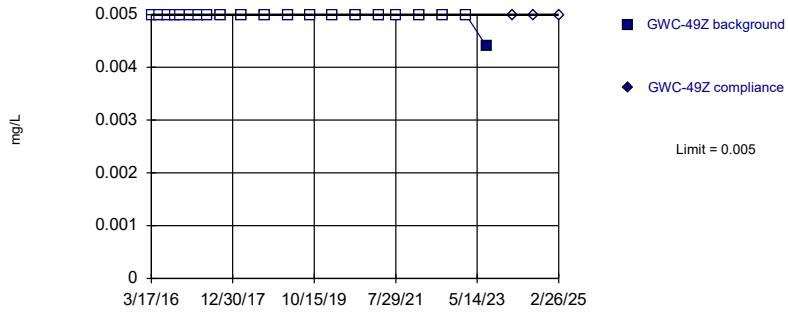
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell

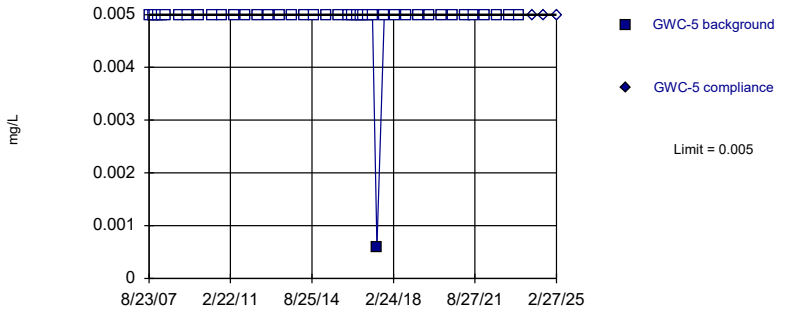
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell

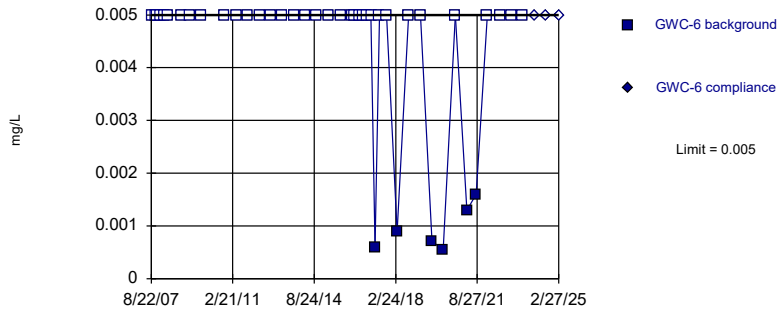
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 85.37% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

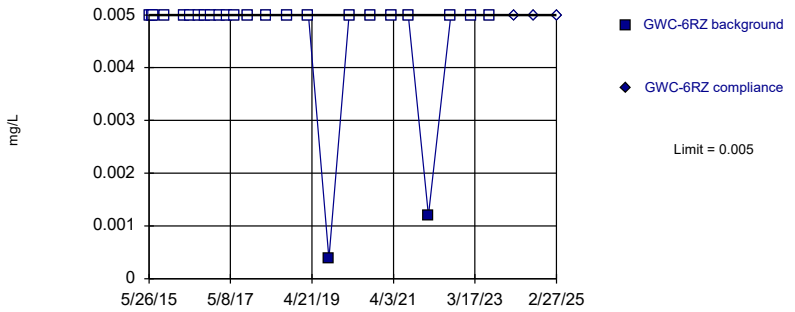
Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

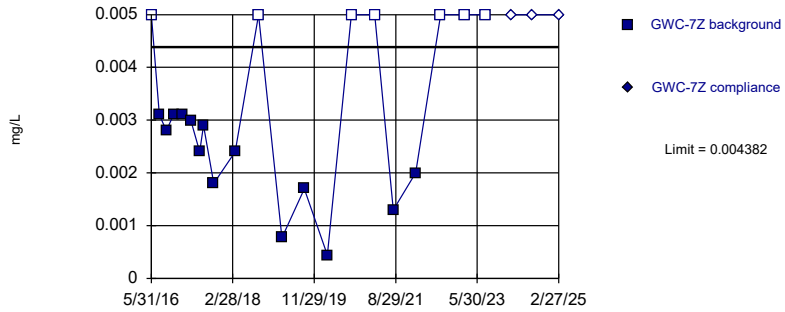
Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001947, Std. Dev.=0.0008682, n=21, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8869, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

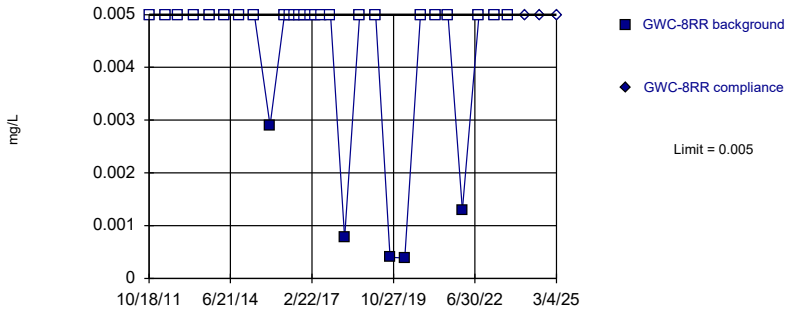
Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

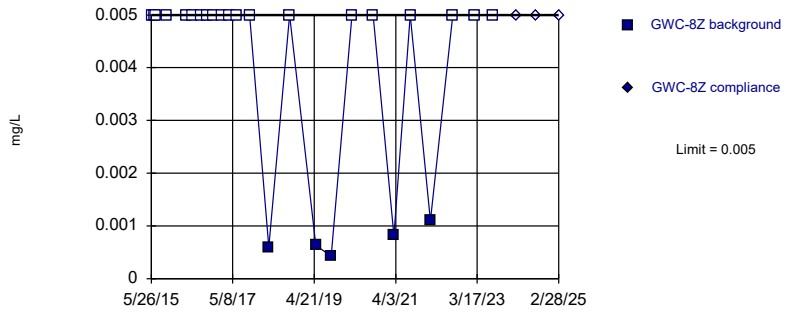
Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 80% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

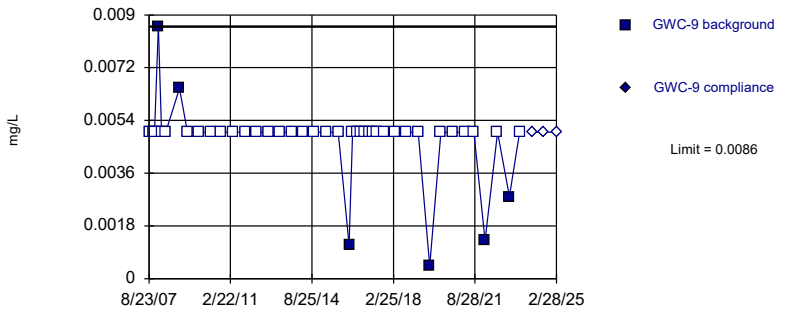
Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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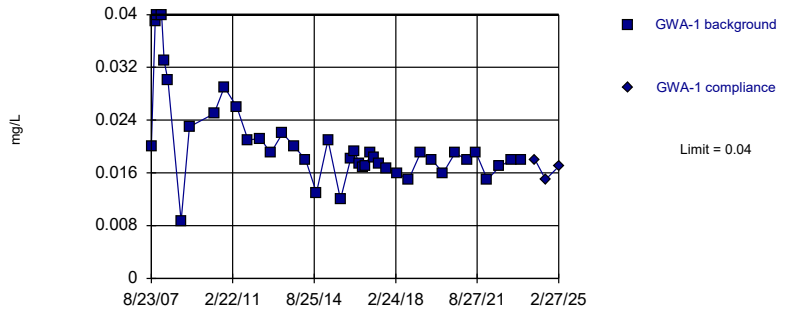
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 41 background values. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

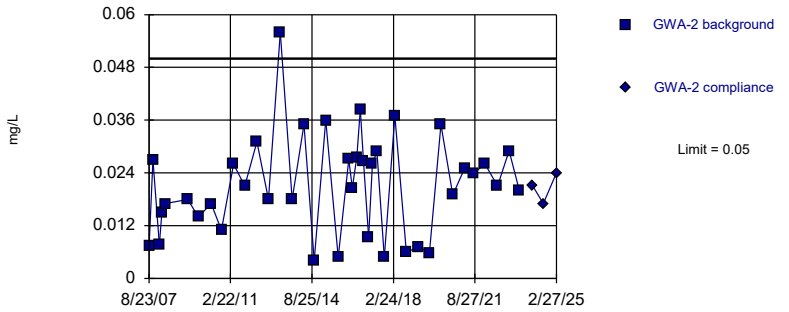
Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02121, Std. Dev.=0.01142, n=40. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9508, critical = 0.919. Kappa = 2.522 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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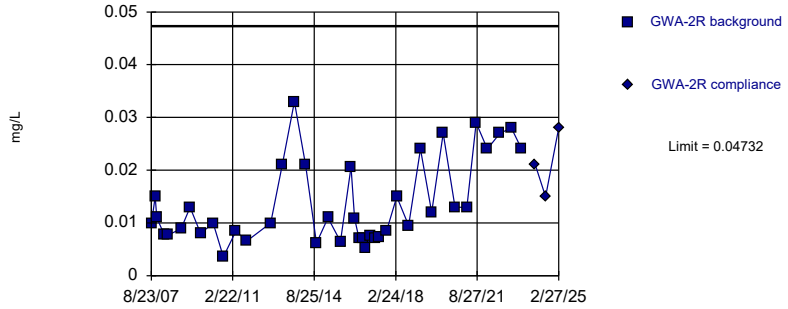
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.448, Std. Dev.=0.5541, n=40. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9414, critical = 0.919. Kappa = 2.522 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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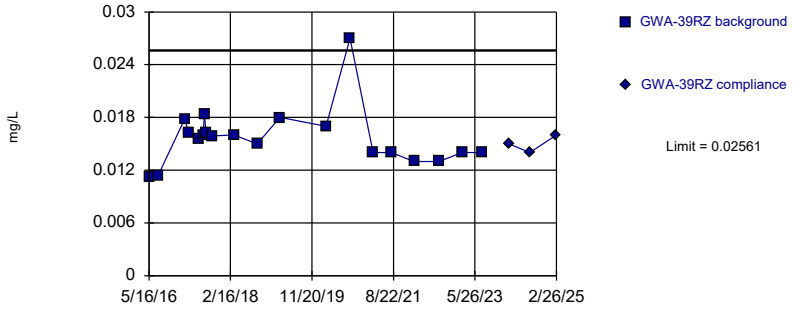
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1247, Std. Dev.=0.01249, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8722, critical = 0.868. Kappa = 2.832 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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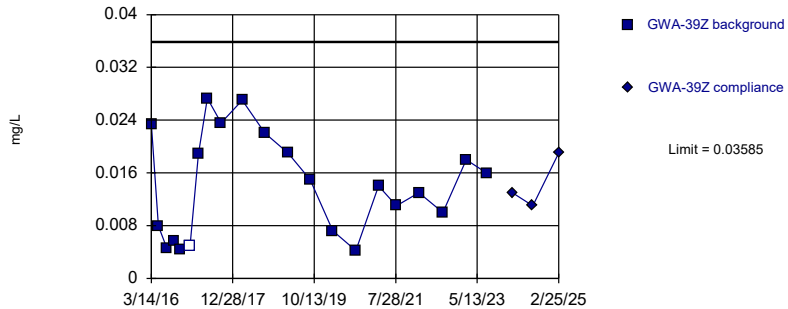
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01414, Std. Dev.=0.007741, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9312, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

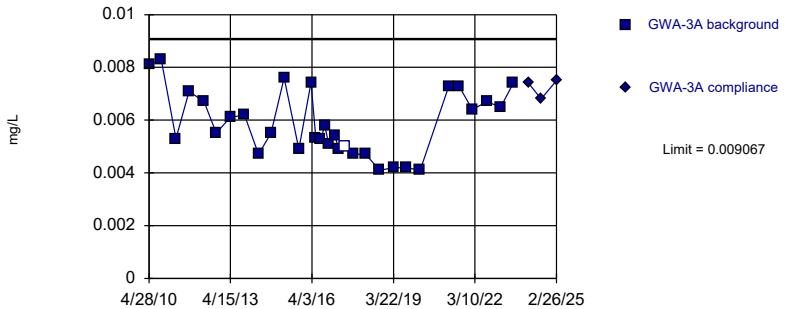
Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00587, Std. Dev.=0.001232, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9389, critical = 0.904. Kappa = 2.595 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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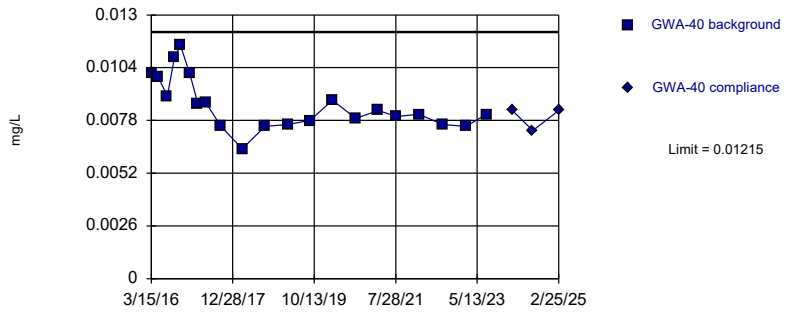
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.008568, Std. Dev.=0.001278, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9193, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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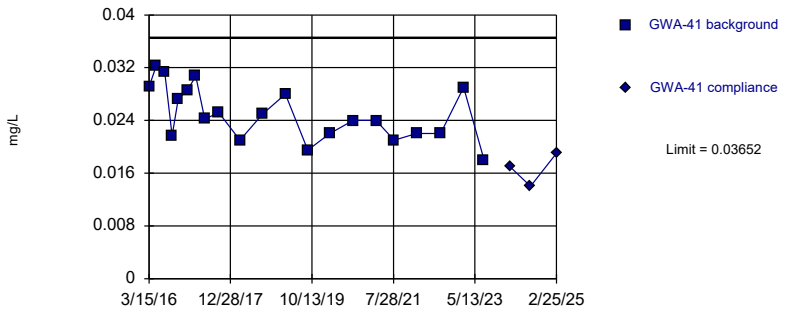
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02503, Std. Dev.=0.004095, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9576, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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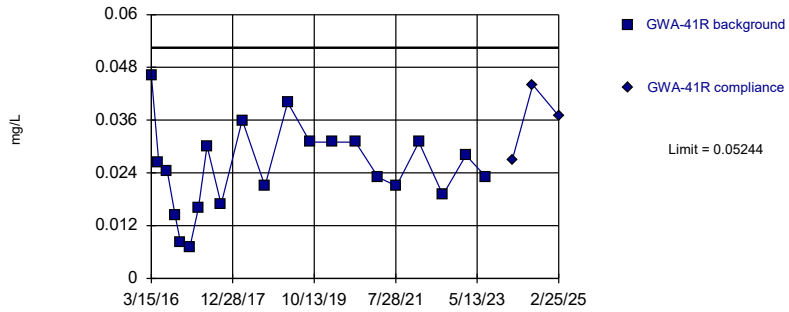
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02499, Std. Dev.=0.009788, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.981, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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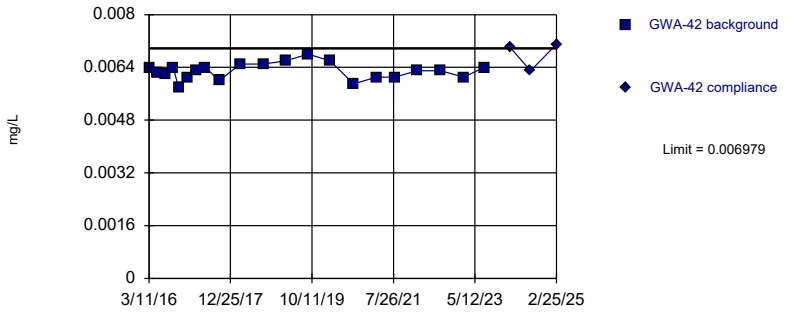
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.006286, Std. Dev.=0.000247, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9841, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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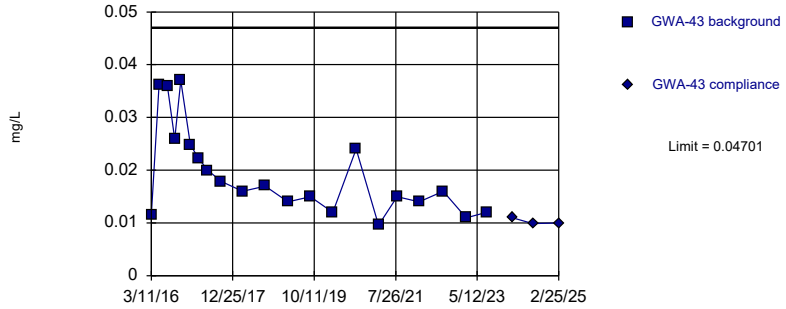
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1364, Std. Dev.=0.02867, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9052, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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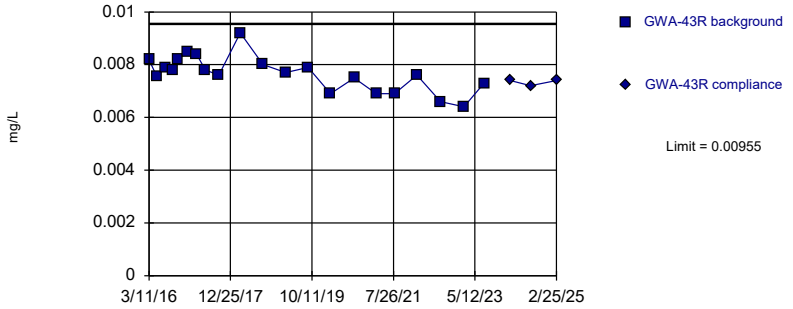
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00766, Std. Dev.=0.000674, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9749, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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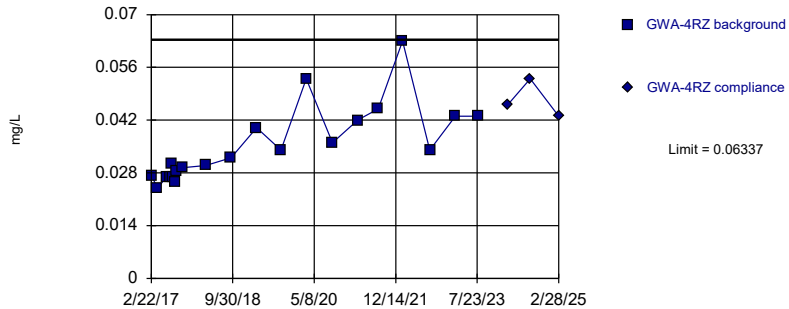
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03528, Std. Dev.=0.01002, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8744, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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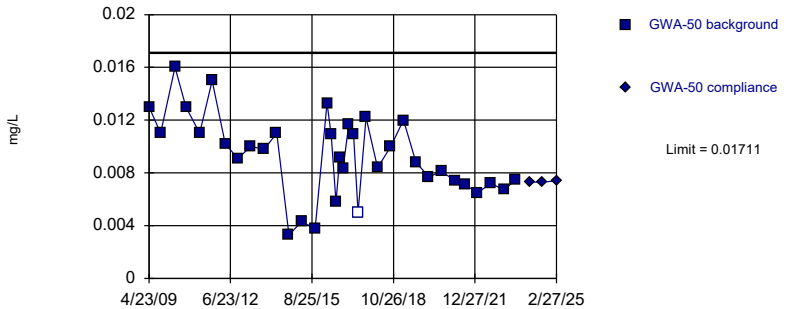
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.009291, Std. Dev.=0.003053, n=35, 2.857% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9855, critical = 0.91. Kappa = 2.562 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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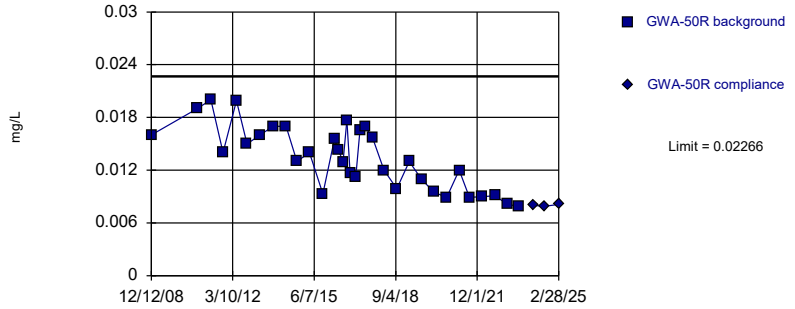
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0134, Std. Dev.=0.003582, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9449, critical = 0.906. Kappa = 2.584 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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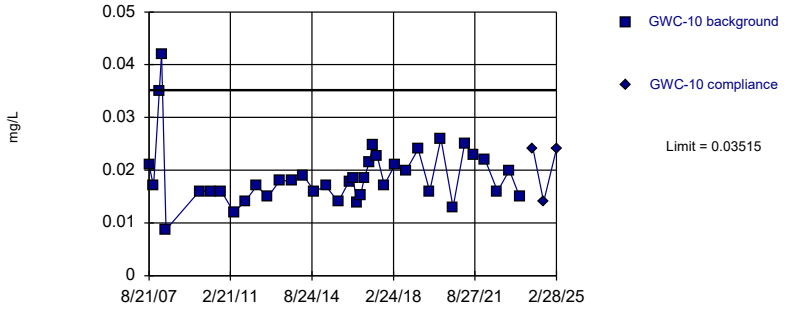
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1366, Std. Dev.=0.02013, n=39. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9221, critical = 0.917. Kappa = 2.53 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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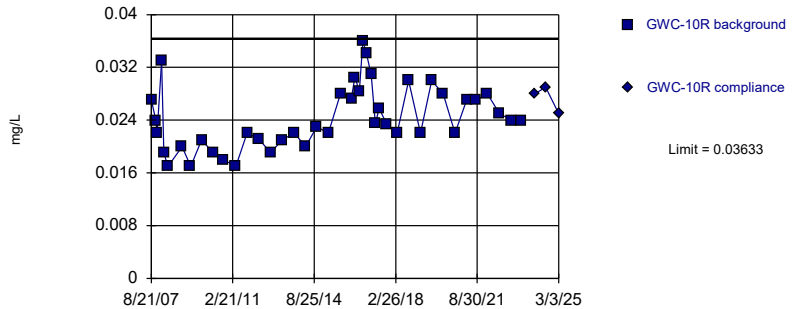
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02431, Std. Dev.=0.004787, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.954, critical = 0.922. Kappa = 2.51 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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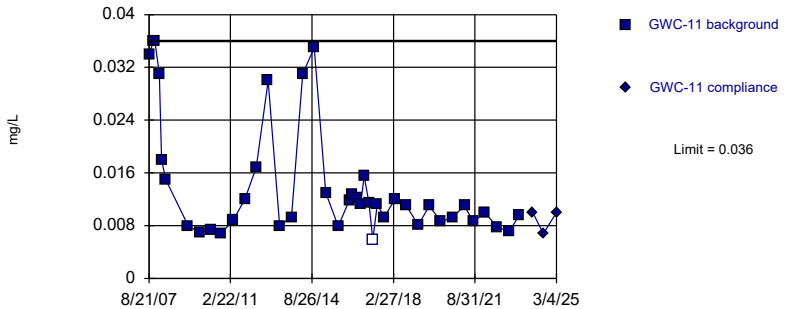
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 41 background values. 2.439% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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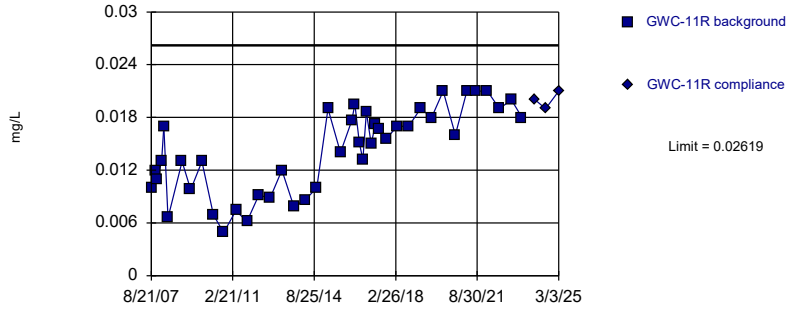
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01421, Std. Dev.=0.004773, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9322, critical = 0.922. Kappa = 2.51 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:06 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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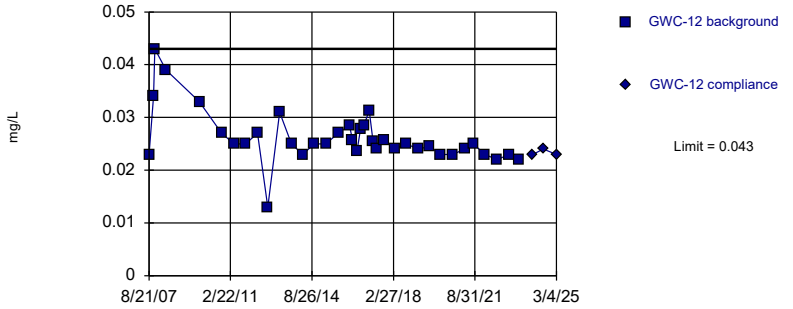
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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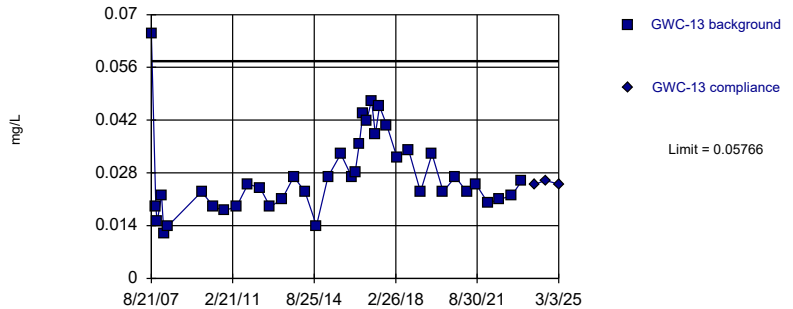
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1628, Std. Dev.=0.03067, n=40. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9511, critical = 0.919. Kappa = 2.522 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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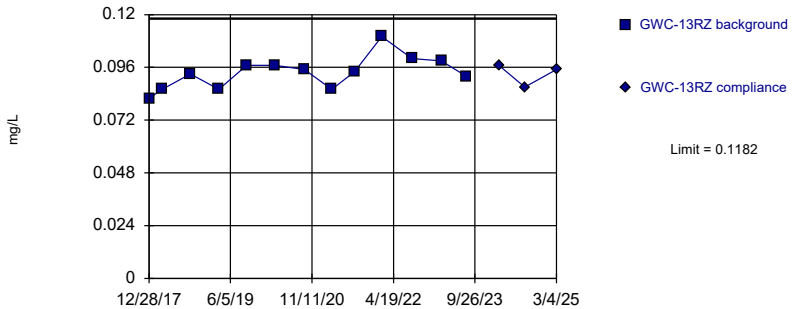
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.09362, Std. Dev.=0.0075, n=13. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9505, critical = 0.866. Kappa = 3.277 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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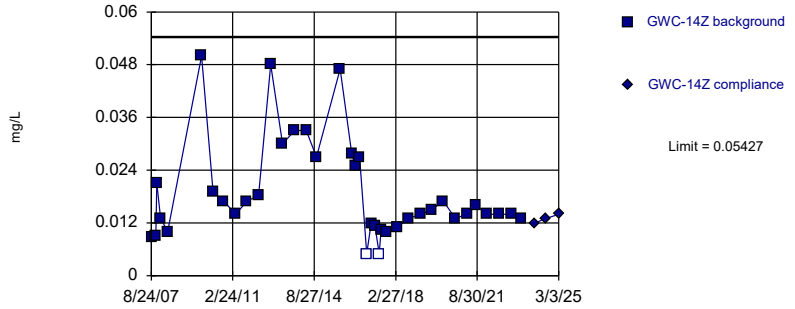
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=0.2575, Std. Dev.=0.04773, n=38, 5.263% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9287, critical = 0.916. Kappa = 2.538 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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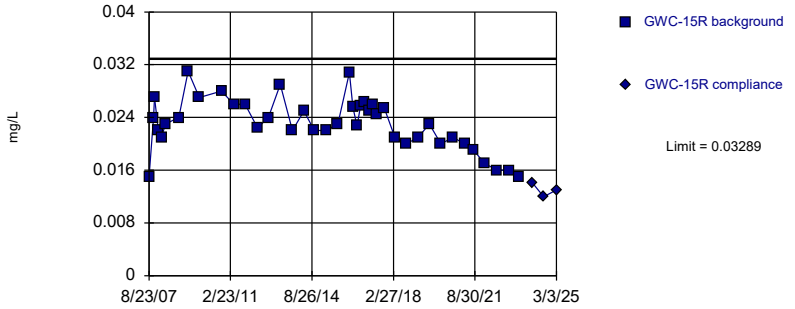
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02303, Std. Dev.=0.003918, n=41. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9675, critical = 0.92. Kappa = 2.516 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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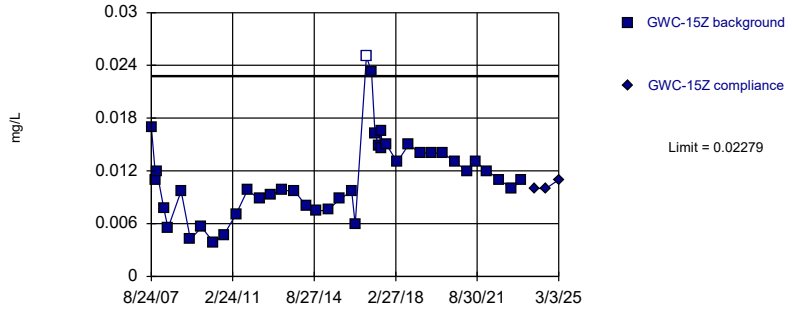
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01124, Std. Dev.=0.004593, n=41, 2.439% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9424, critical = 0.92. Kappa = 2.516 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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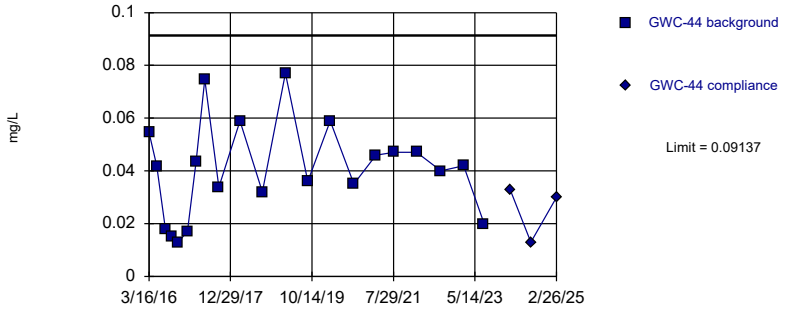
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04055, Std. Dev.=0.01812, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9545, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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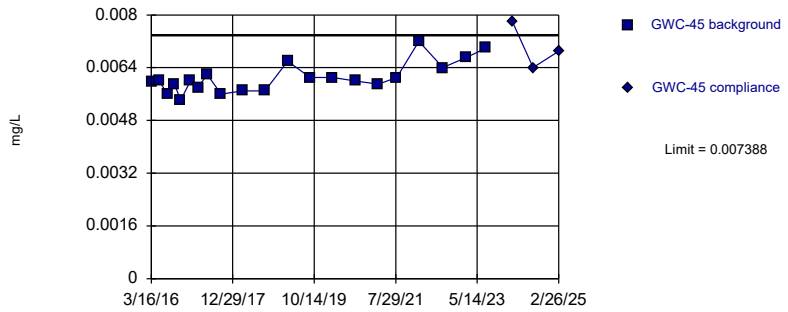
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.006095, Std. Dev.=0.0004611, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9195, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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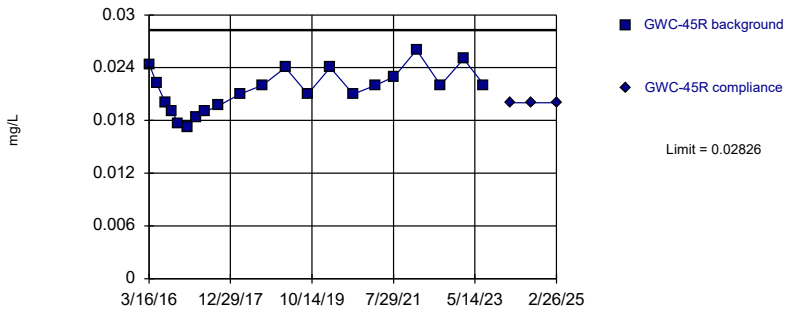
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02146, Std. Dev.=0.002424, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.974, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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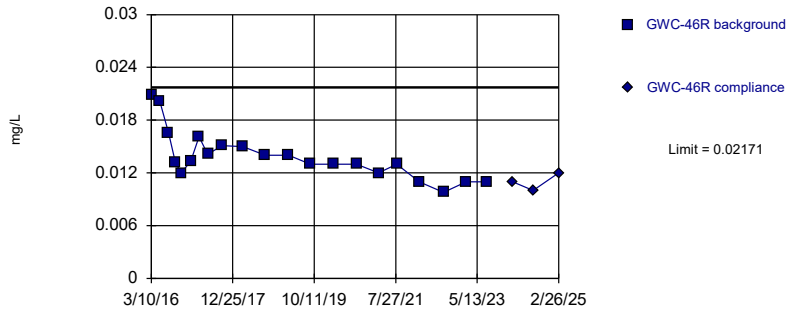
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01387, Std. Dev.=0.002796, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.891, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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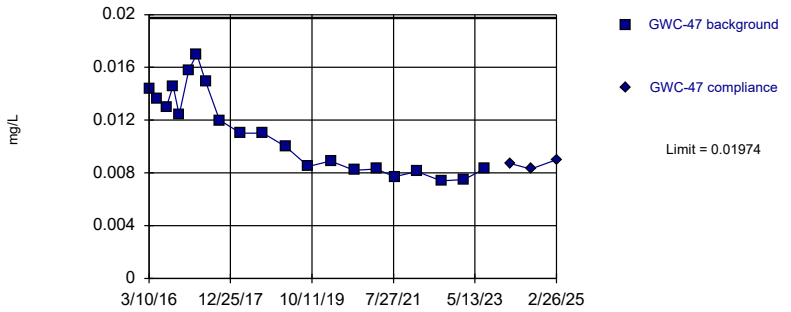
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01108, Std. Dev.=0.00309, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9082, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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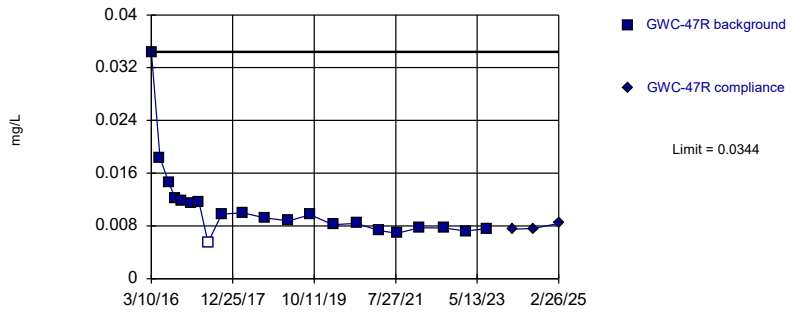
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 4.762% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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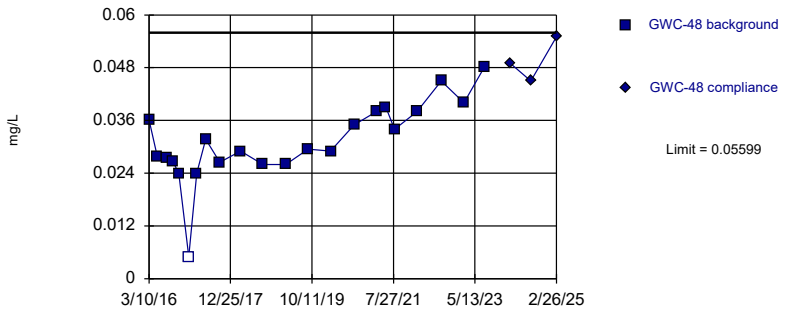
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03116, Std. Dev.=0.008935, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9209, critical = 0.878. Kappa = 2.778 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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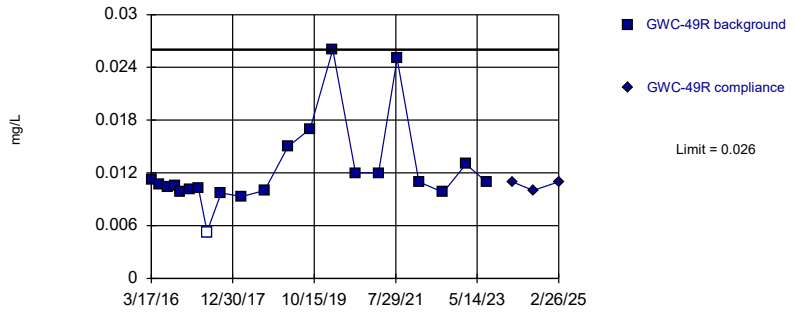
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 4.762% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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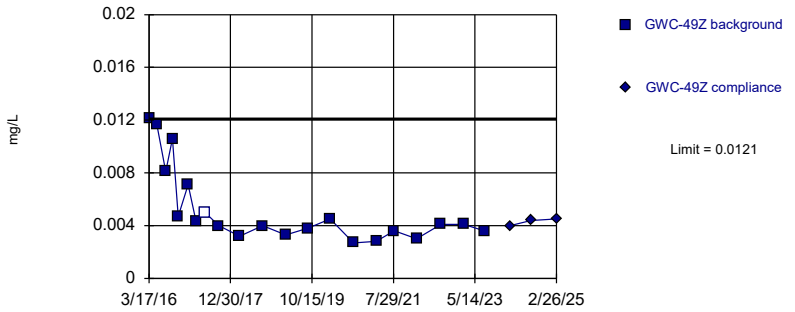
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 4.762% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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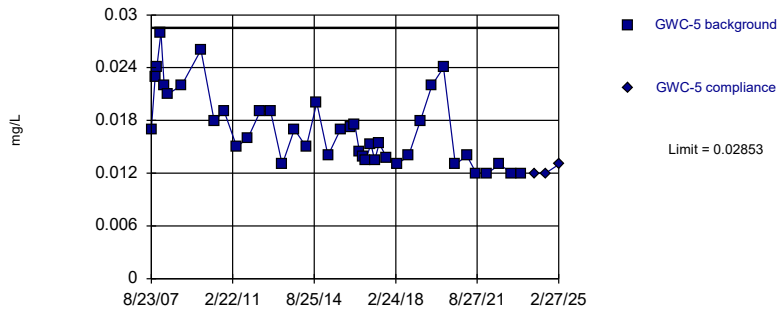
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1296, Std. Dev.=0.01561, n=41. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9253, critical = 0.92. Kappa = 2.516 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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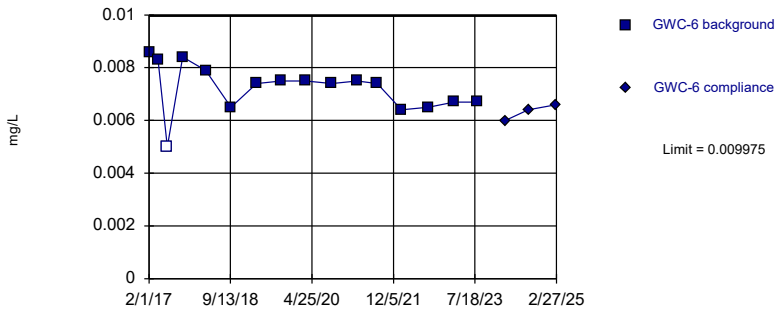
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007231, Std. Dev.=0.0009105, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9327, critical = 0.887. Kappa = 3.014 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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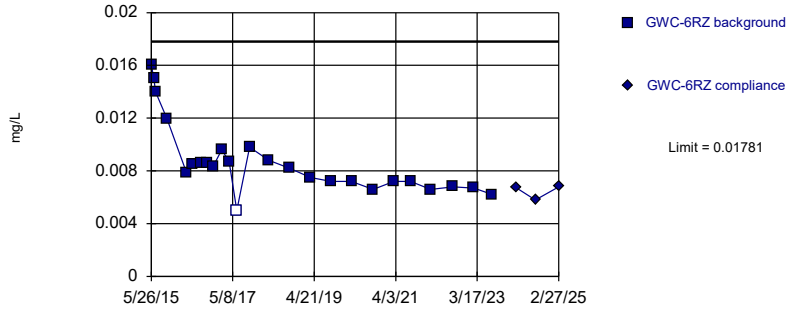
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.782, Std. Dev.=0.2793, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9135, critical = 0.888. Kappa = 2.698 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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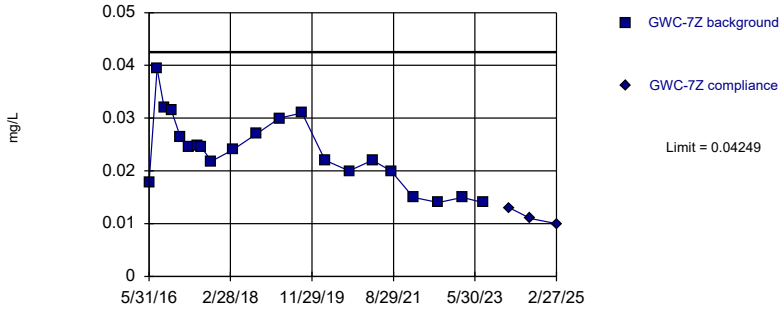
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02365, Std. Dev.=0.006717, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9594, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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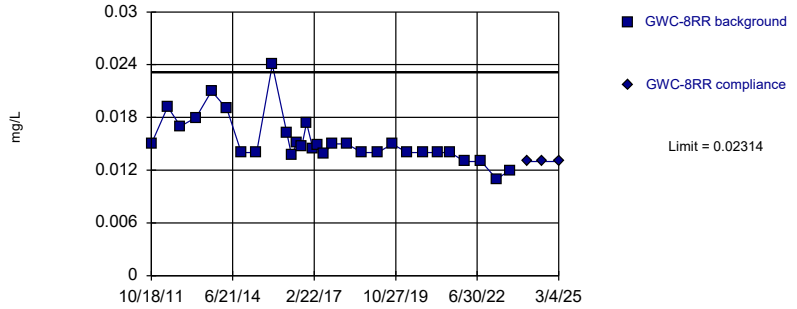
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.192, Std. Dev.=0.1628, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9097, critical = 0.9. Kappa = 2.616 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

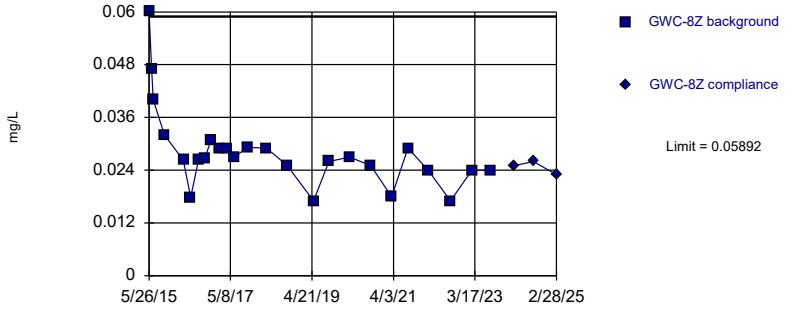
Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-3.609, Std. Dev.=0.2883, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8989, critical = 0.888. Kappa = 2.698 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

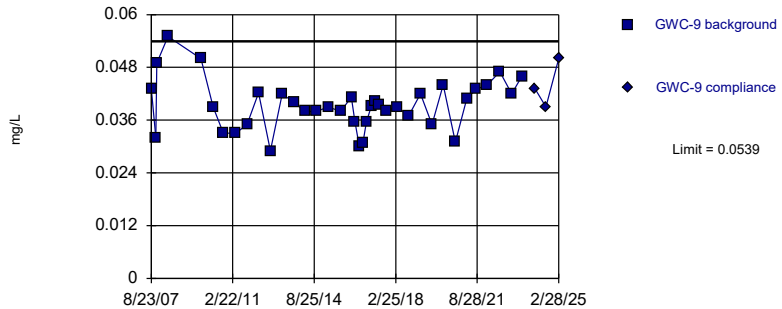
Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03938, Std. Dev.=0.005721, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9754, critical = 0.916. Kappa = 2.538 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Barium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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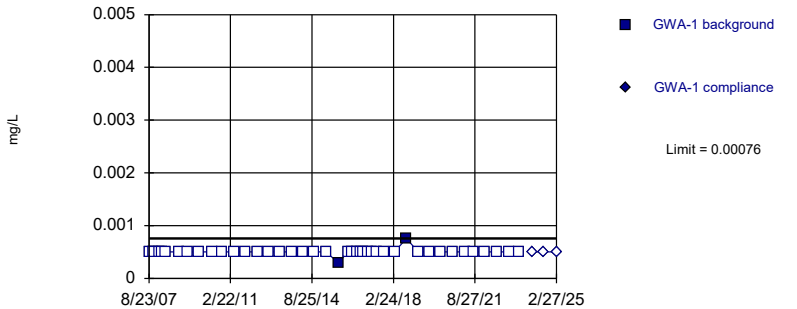
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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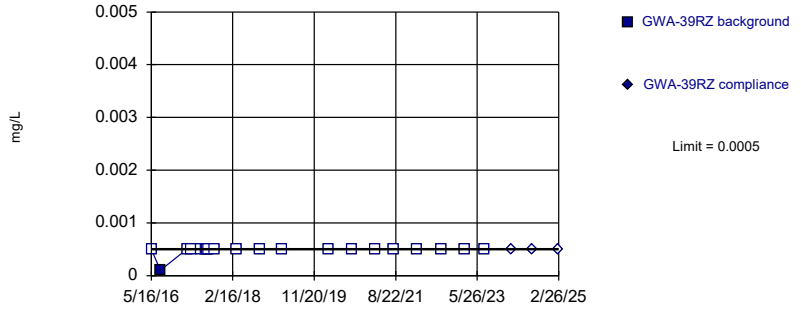
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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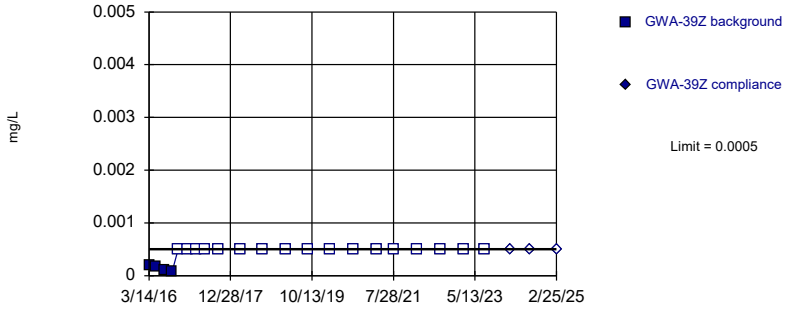
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

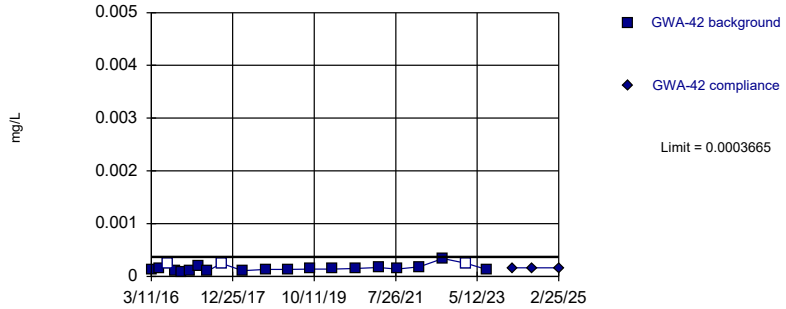
Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.01242, Std. Dev.=0.002396, n=21, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9138, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

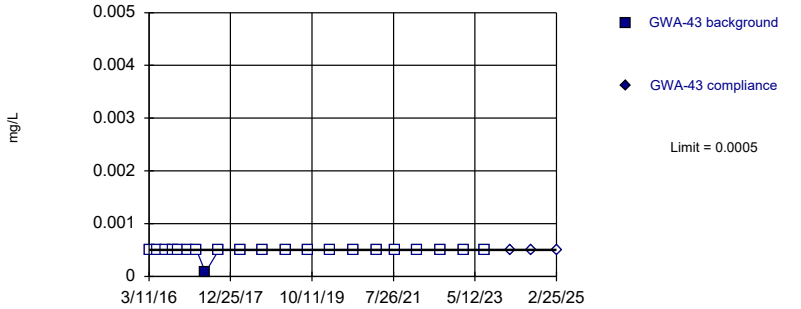
Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

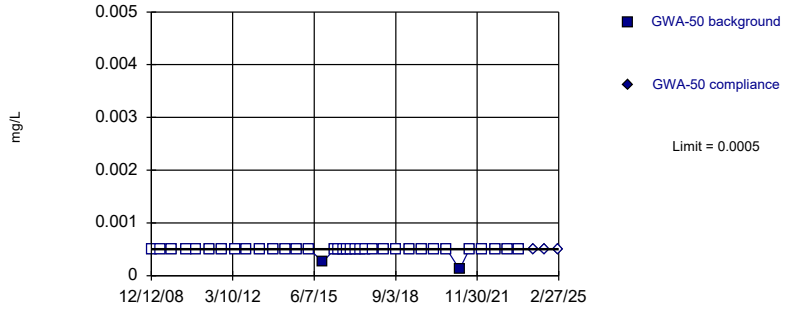
Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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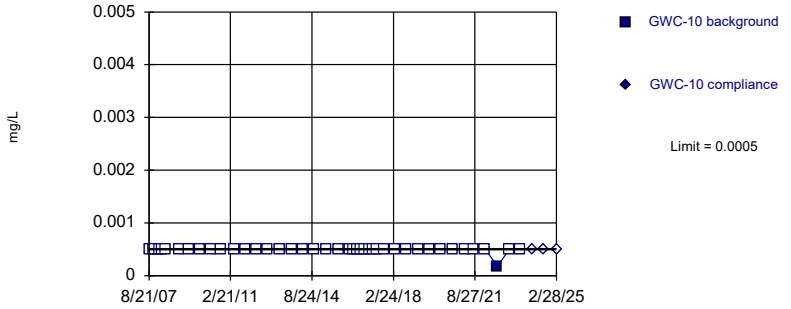
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

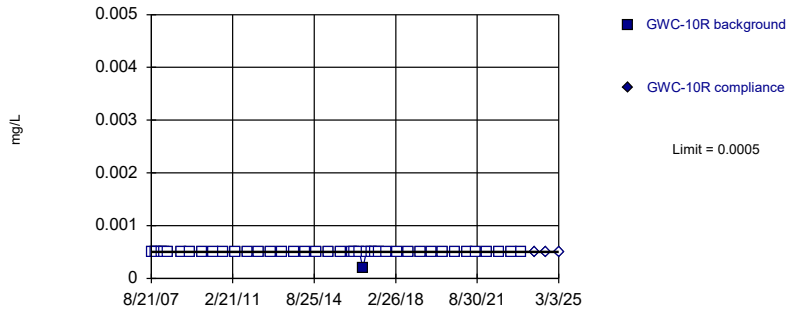
Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

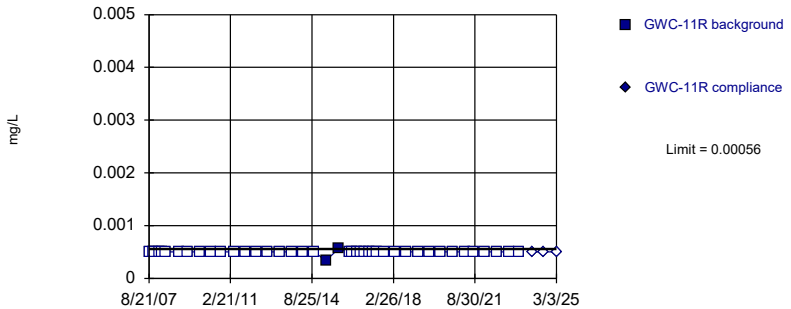
Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

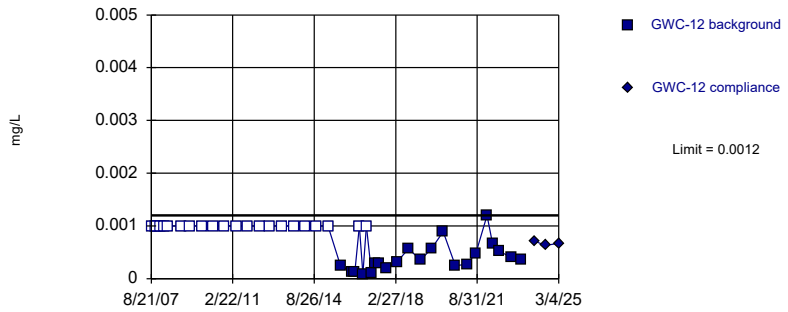
Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 43 background values. 51.16% NDs. Well-constituent pair annual alpha = 0.002073. Individual comparison alpha = 0.001037 (1 of 2).

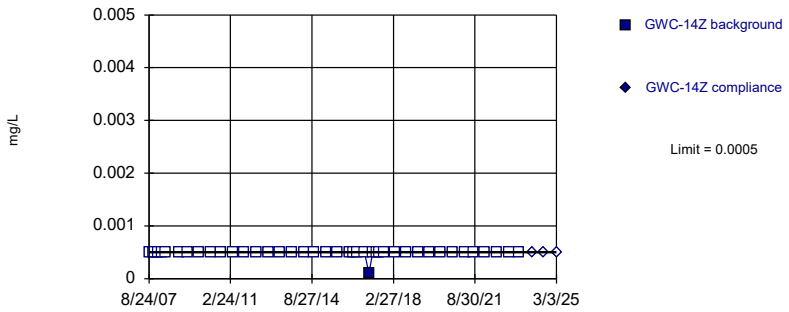
Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

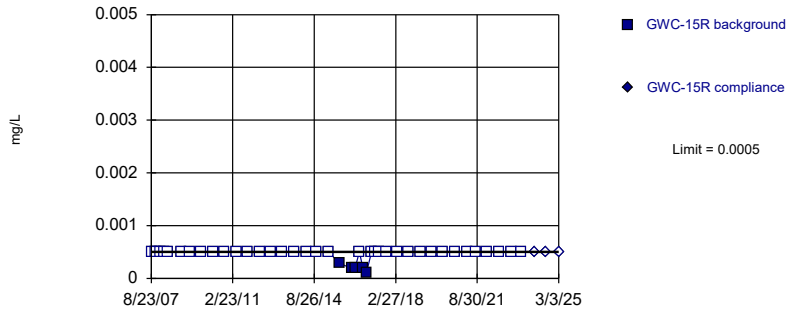
Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 88.1% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

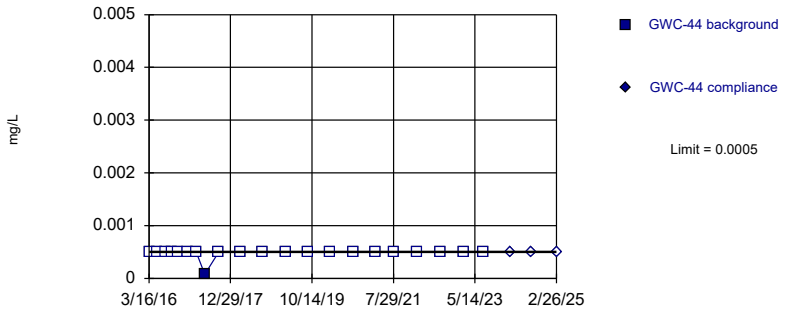
Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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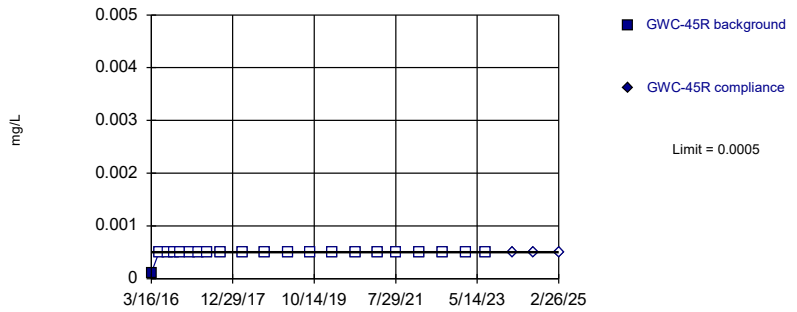
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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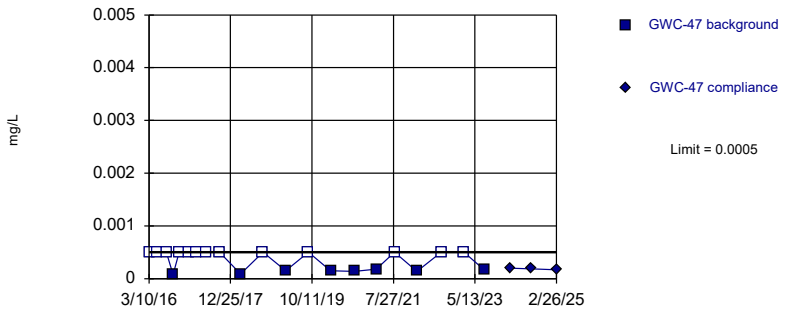
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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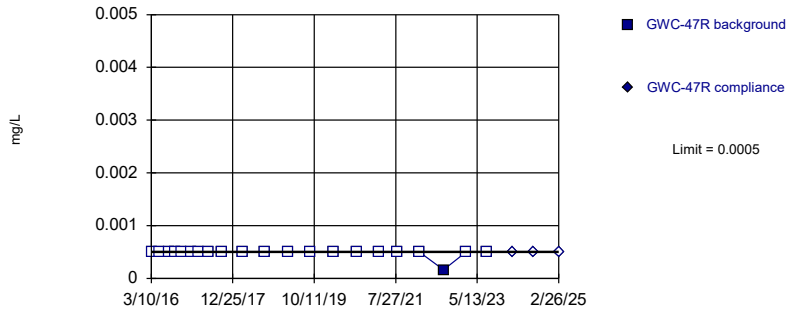
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

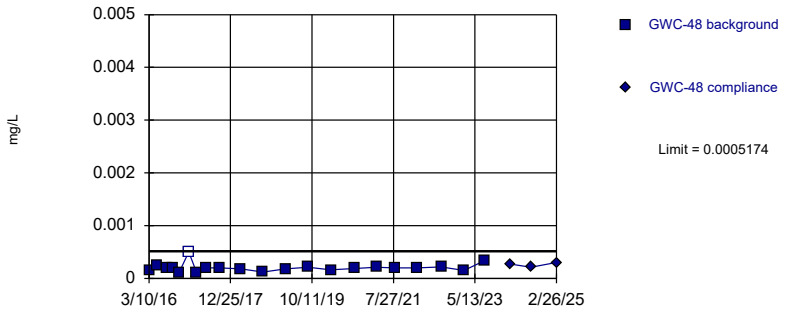
Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-8.571, Std. Dev.=0.3581, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.902, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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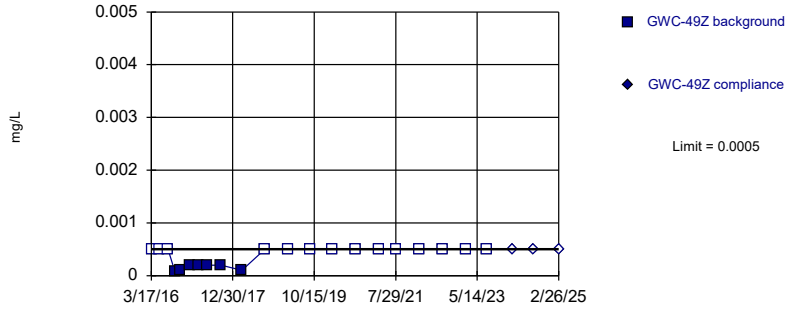
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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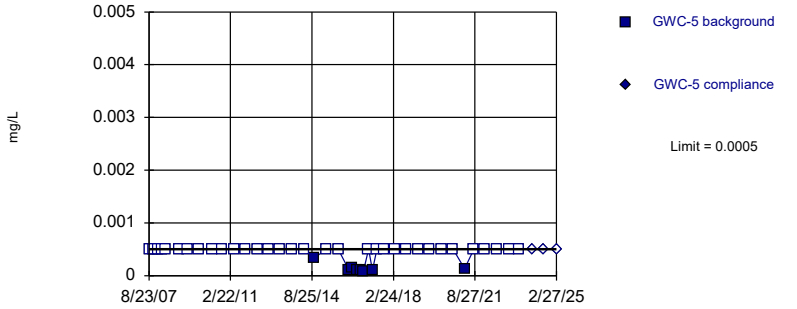
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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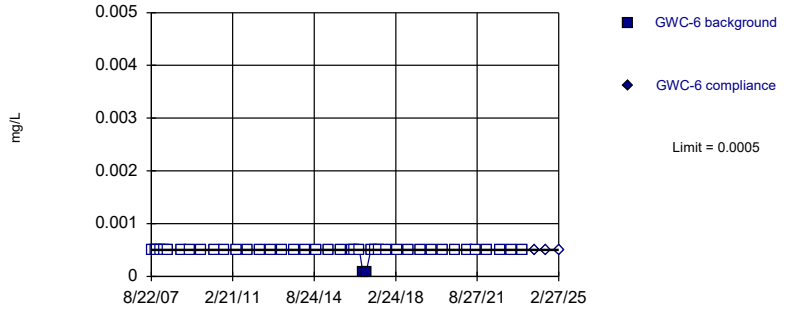
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell

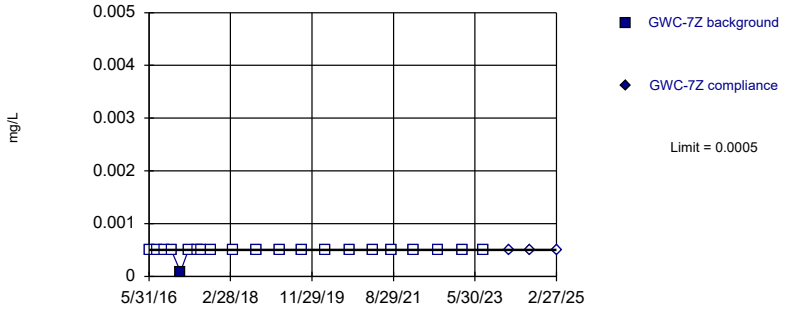
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell

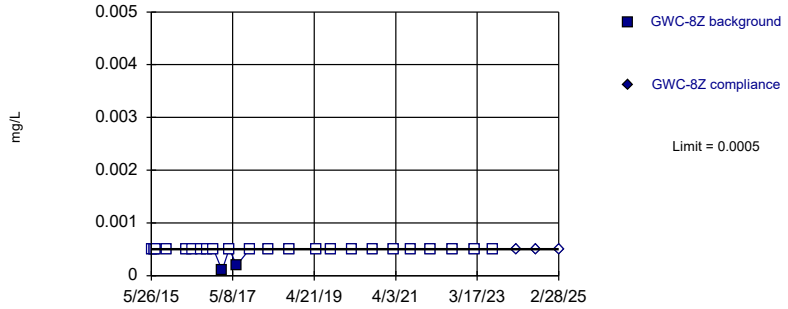
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

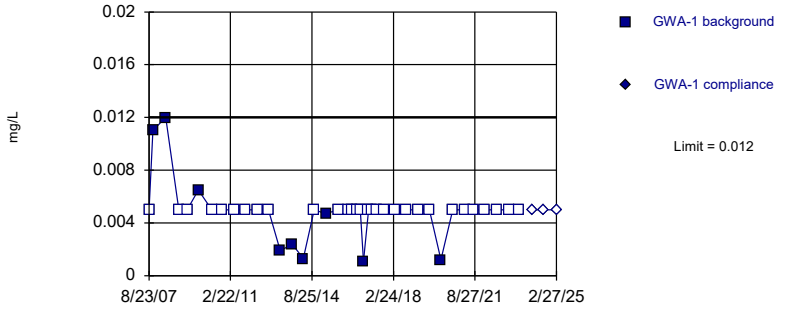
Constituent: Cadmium Analysis Run 6/23/2025 2:07 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 39 background values. 76.92% NDs. Well-constituent pair annual alpha = 0.002451. Individual comparison alpha = 0.001226 (1 of 2).

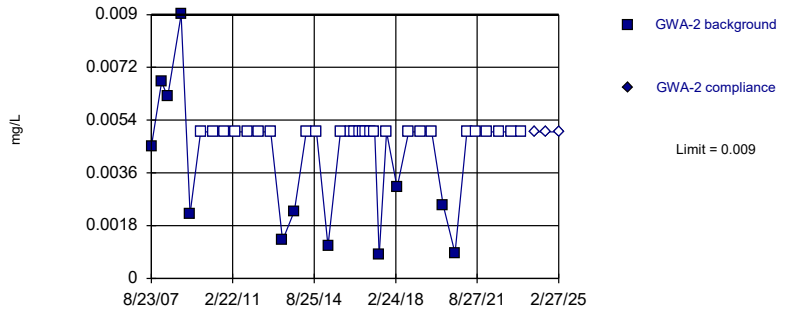
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 39 background values. 69.23% NDs. Well-constituent pair annual alpha = 0.002451. Individual comparison alpha = 0.001226 (1 of 2).

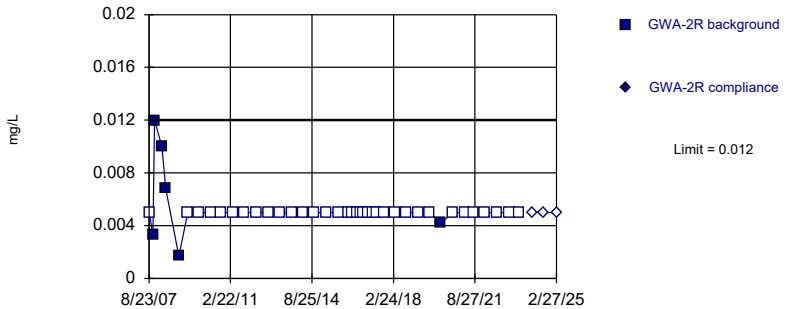
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 85.37% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

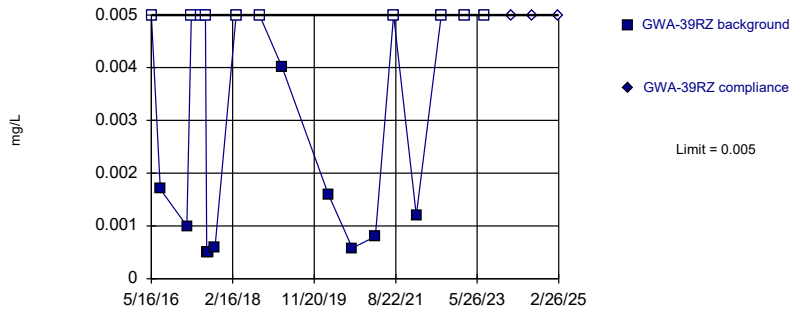
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 50% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

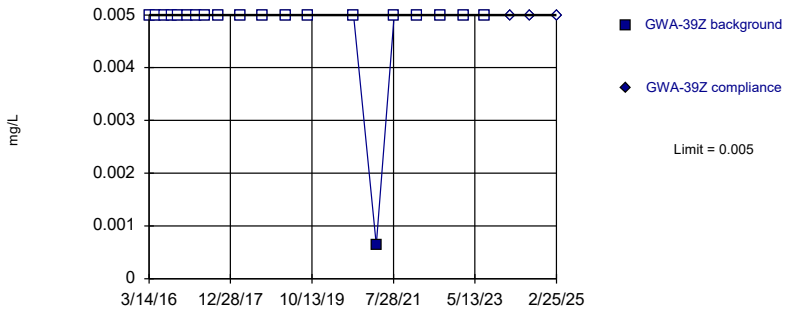
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

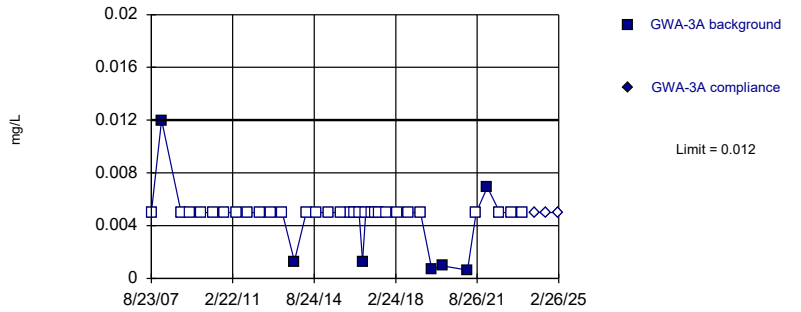
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 81.08% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

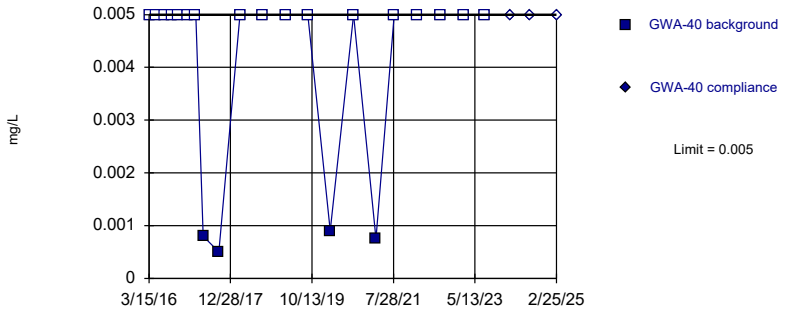
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

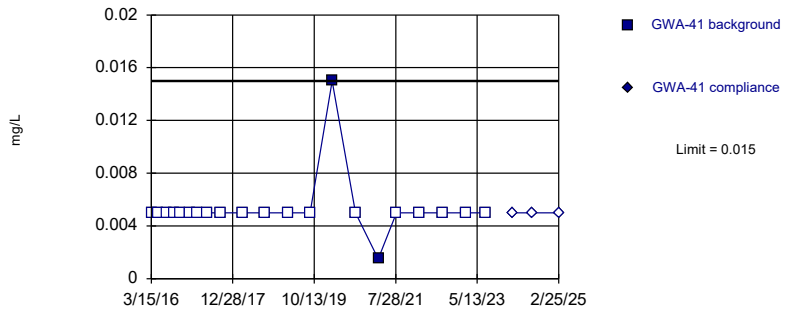
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

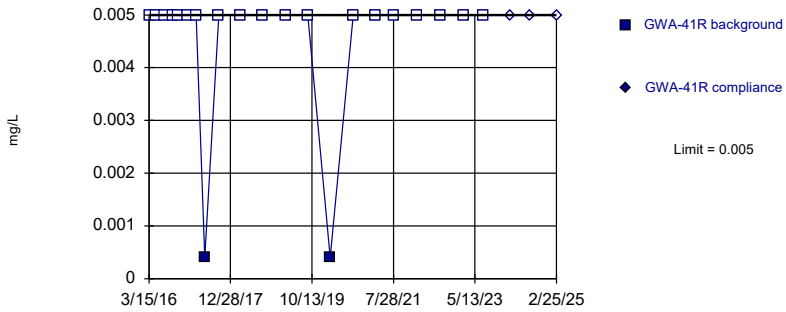
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

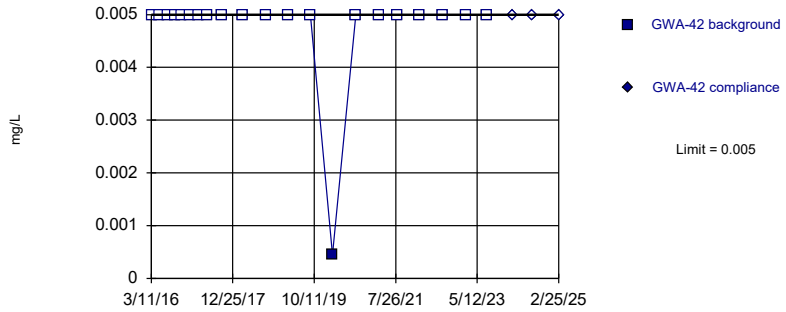
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

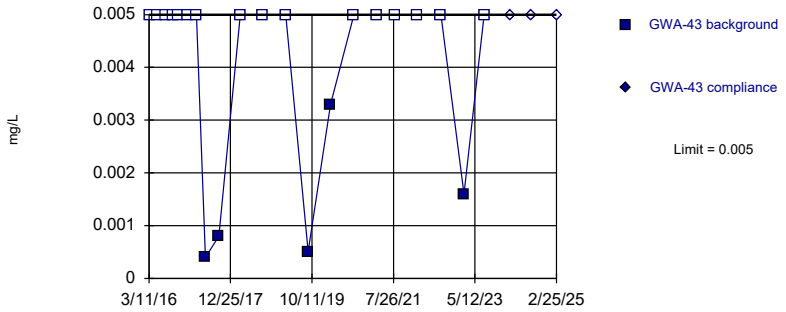
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



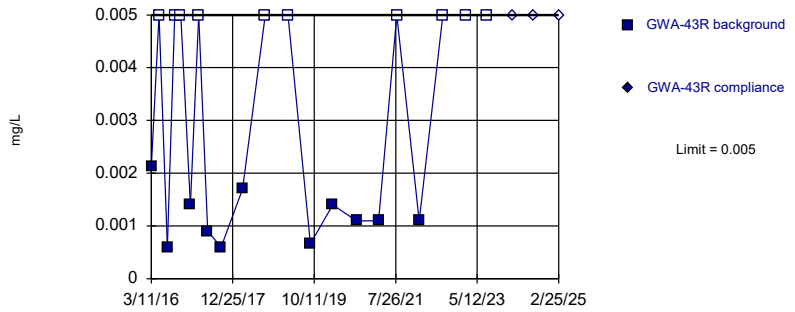
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



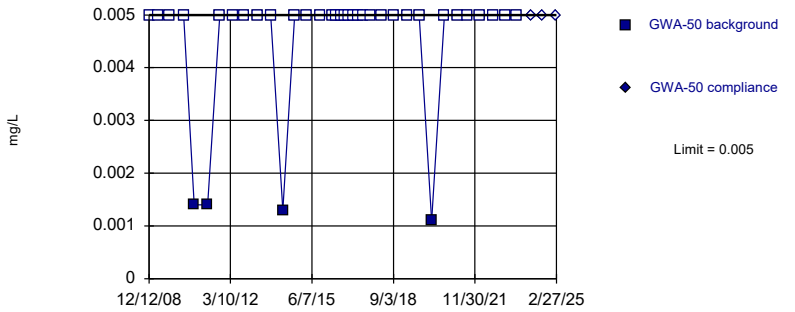
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 47.62% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



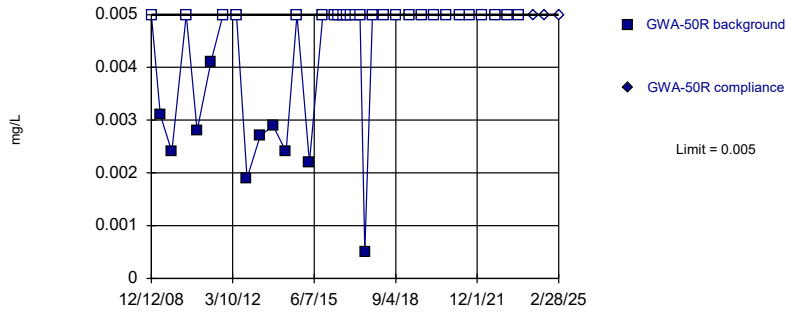
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



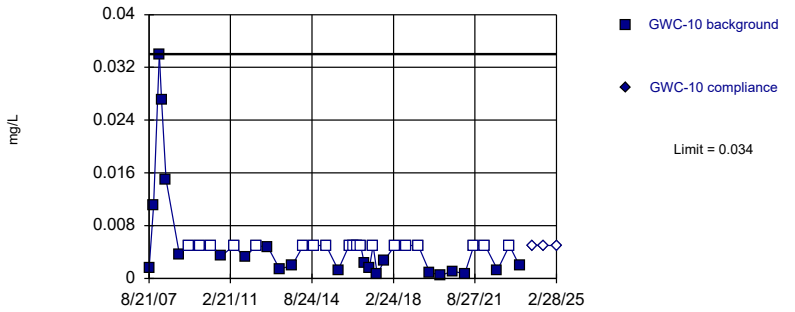
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 72.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 41 background values. 46.34% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

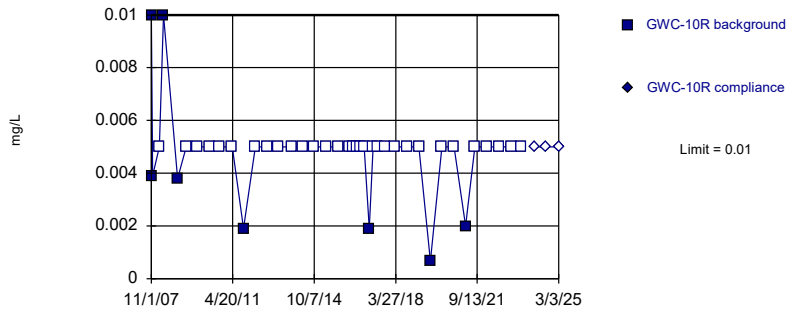
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 80% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

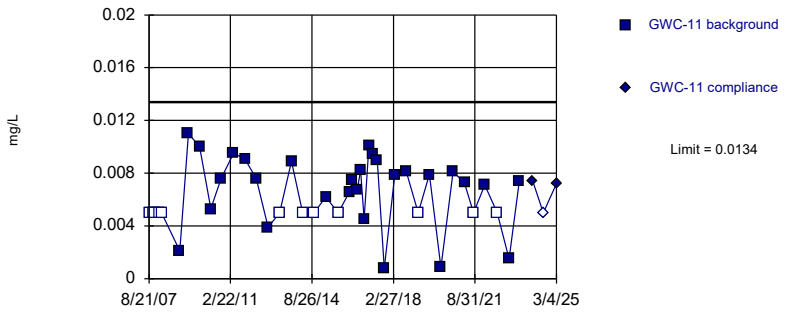
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.005248, Std. Dev.=0.003239, n=41, 29.27% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9432, critical = 0.92. Kappa = 2.516 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

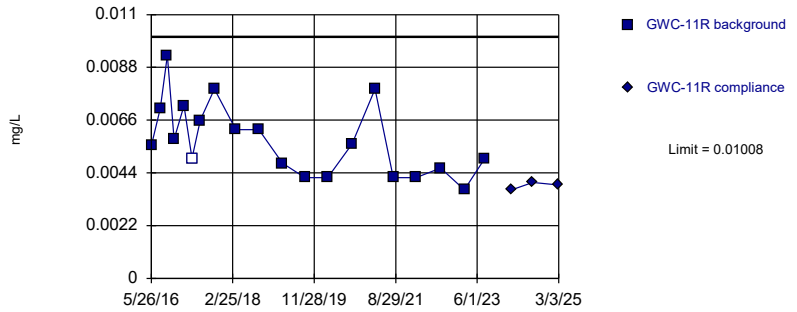
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.005761, Std. Dev.=0.001524, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9372, critical = 0.868. Kappa = 2.832 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

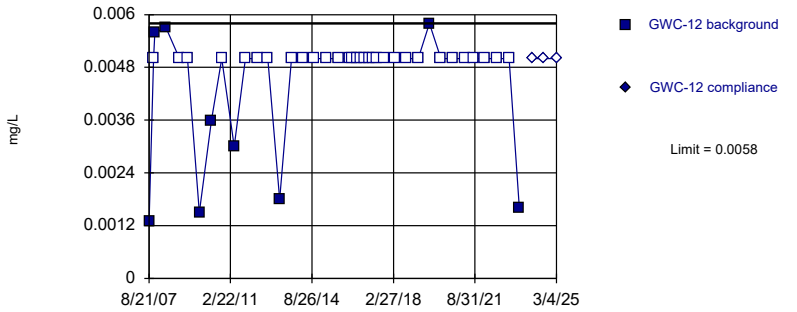
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 77.5% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

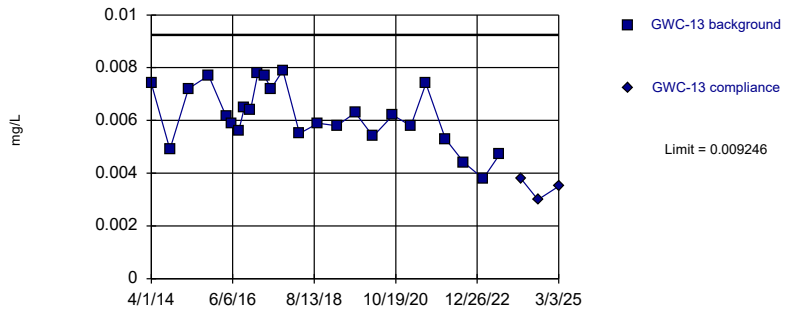
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.006193, Std. Dev.=0.001131, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.958, critical = 0.888. Kappa = 2.698 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

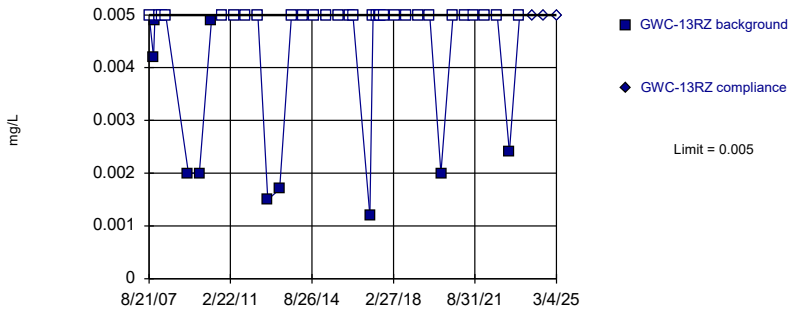
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 75.61% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

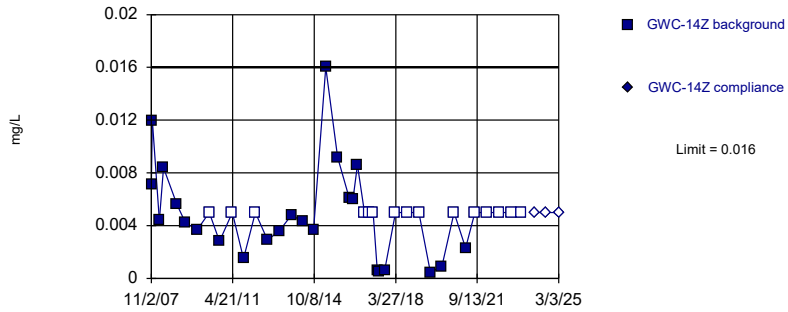
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 40 background values. 37.5% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

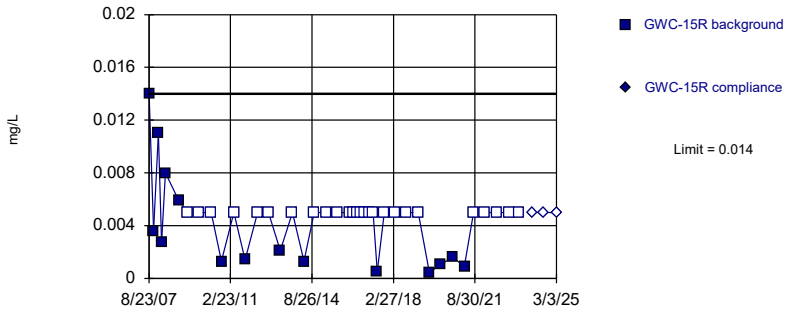
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 63.41% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

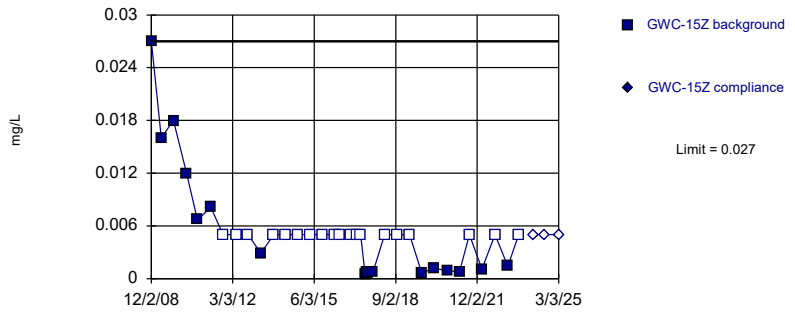
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 52.78% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

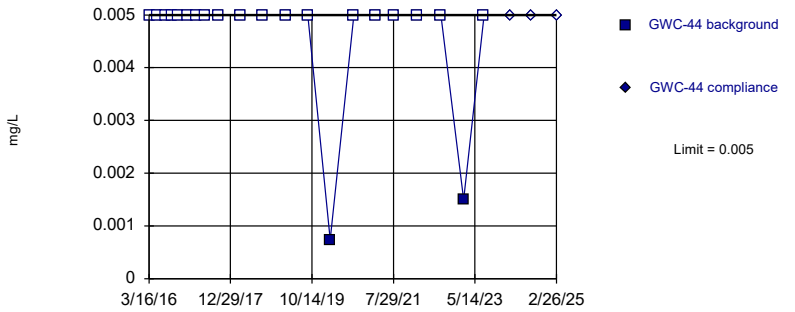
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

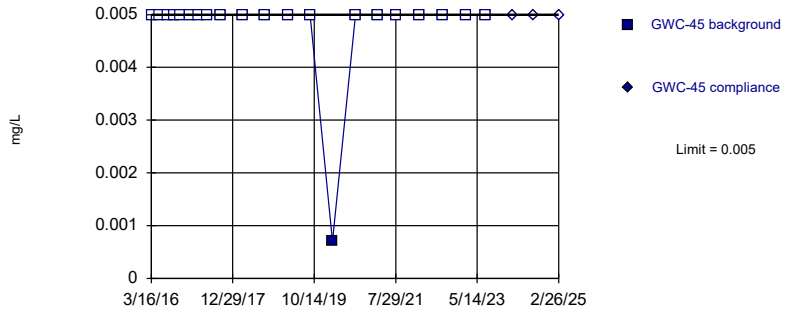
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

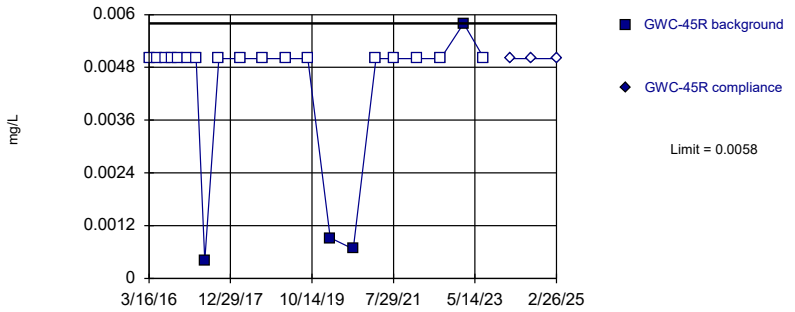
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

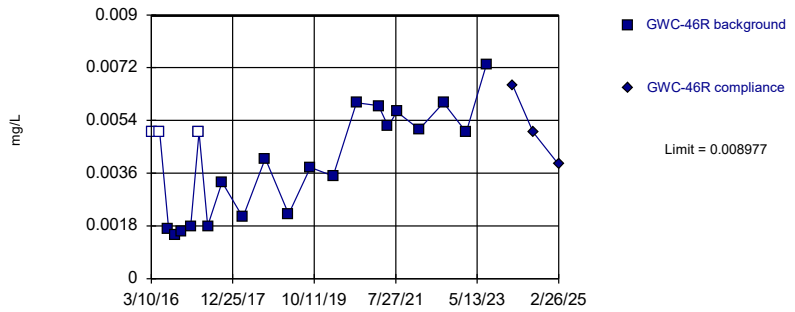
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004027, Std. Dev.=0.001781, n=22, 13.64% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.912, critical = 0.878. Kappa = 2.778 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

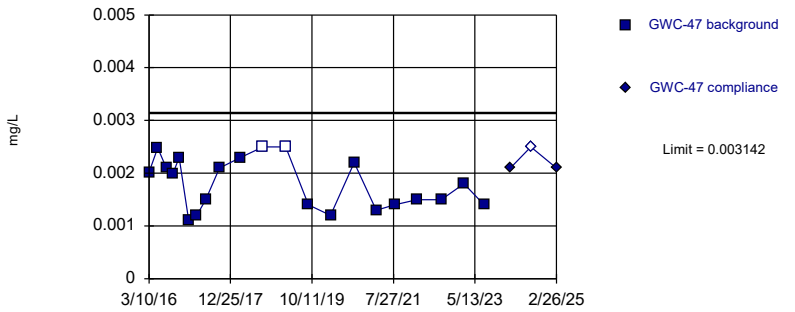
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0018, Std. Dev.=0.0004786, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.908, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

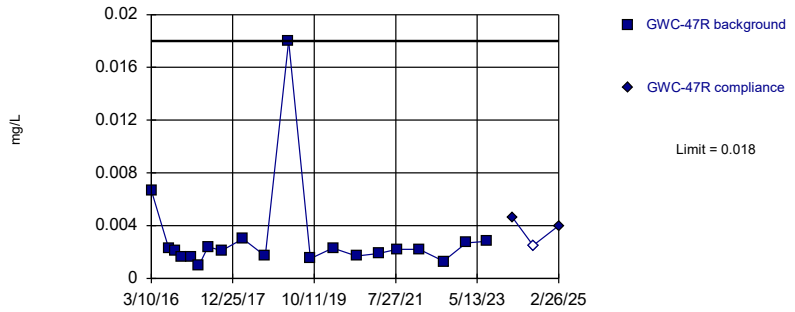
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

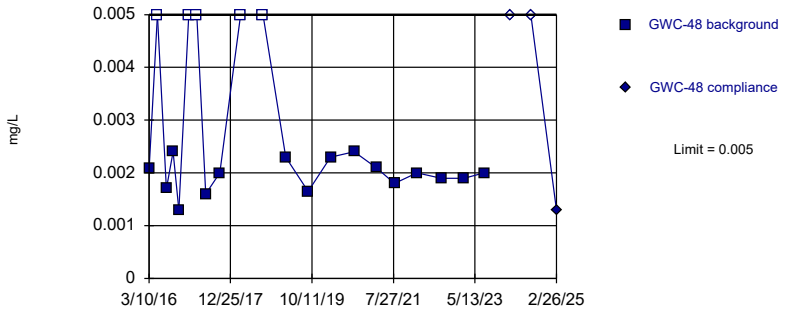
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 23.81% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

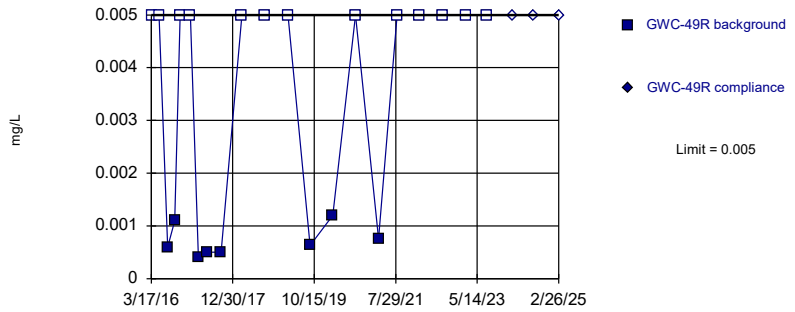
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

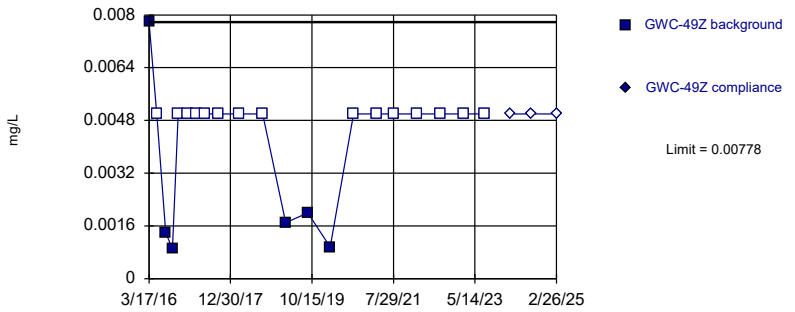
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

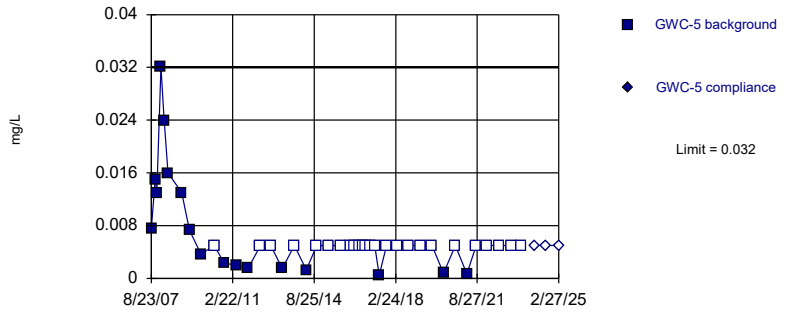
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 59.52% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

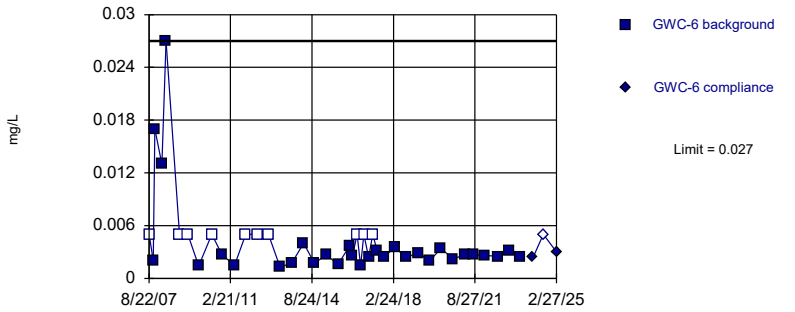
Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



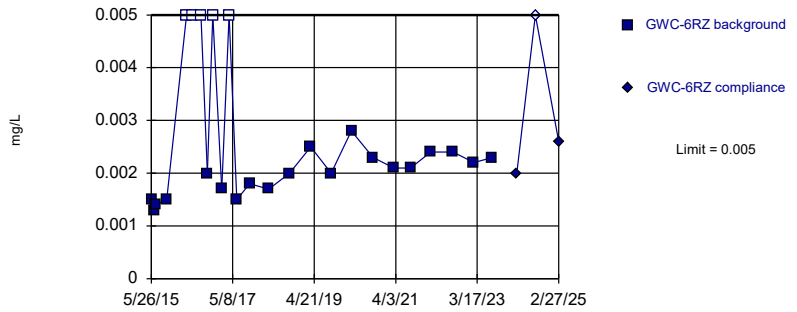
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 41 background values. 24.39% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



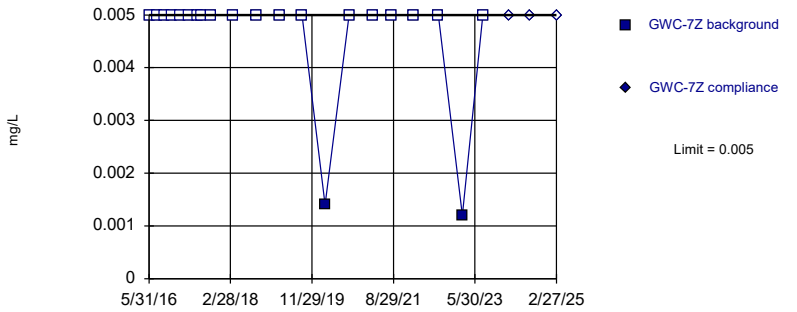
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. 20% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



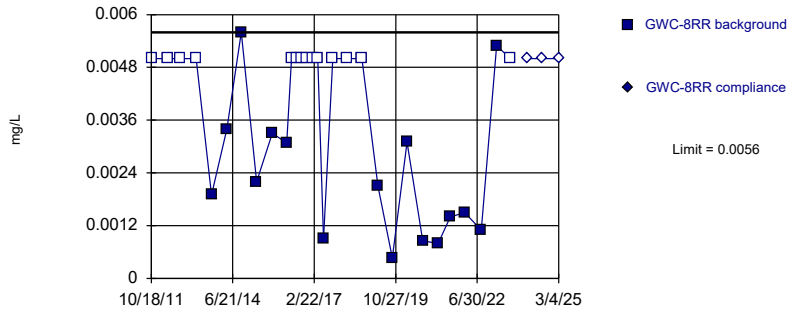
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



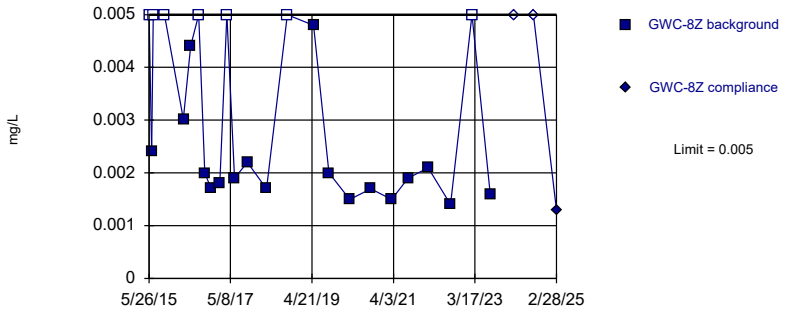
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. 46.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



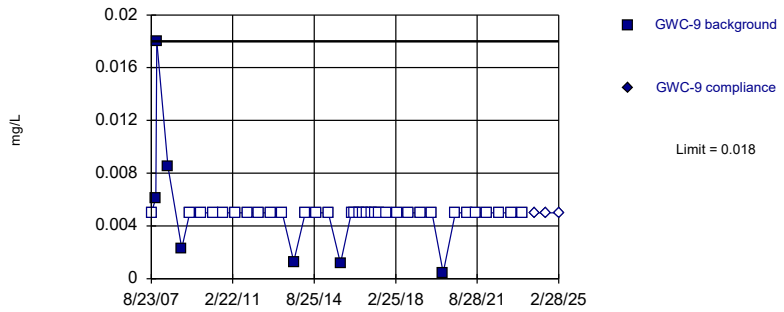
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. 28% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



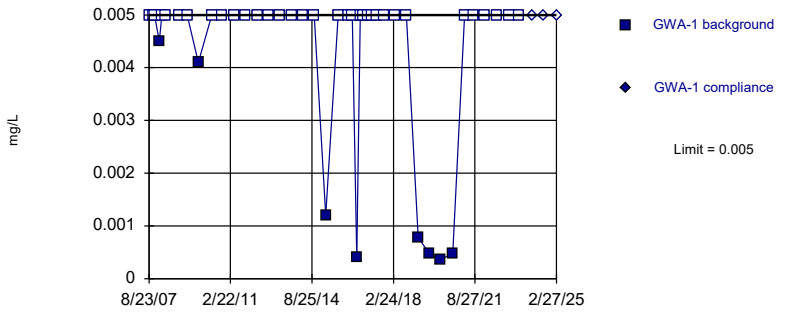
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 40 background values. 82.5% NDs. Well-constituent pair annual alpha = 0.002316. Individual comparison alpha = 0.001159 (1 of 2).

Constituent: Chromium Analysis Run 6/23/2025 2:08 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



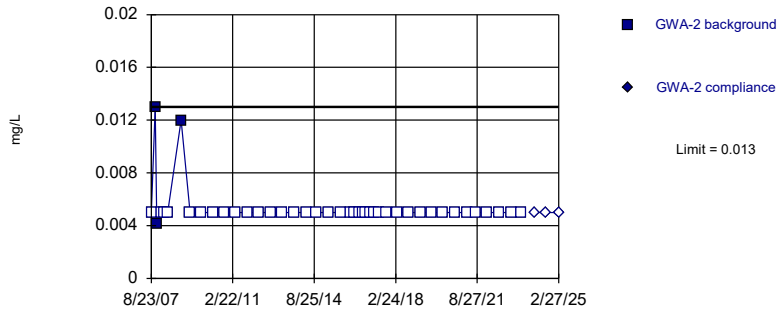
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



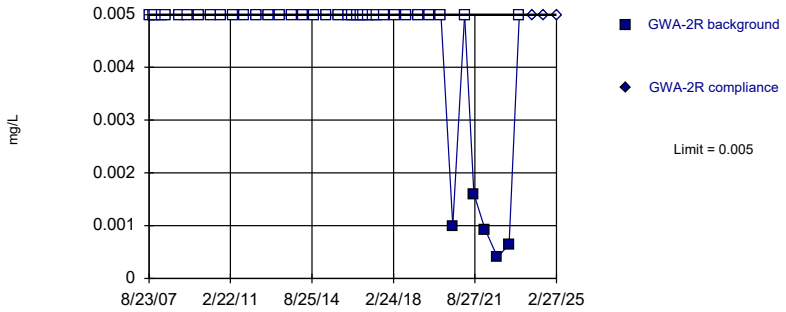
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 87.8% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

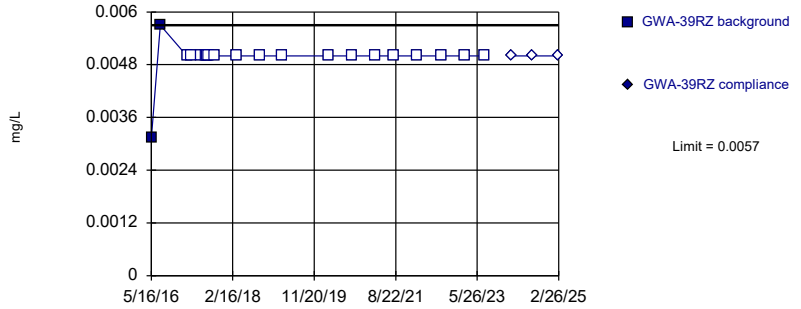
Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

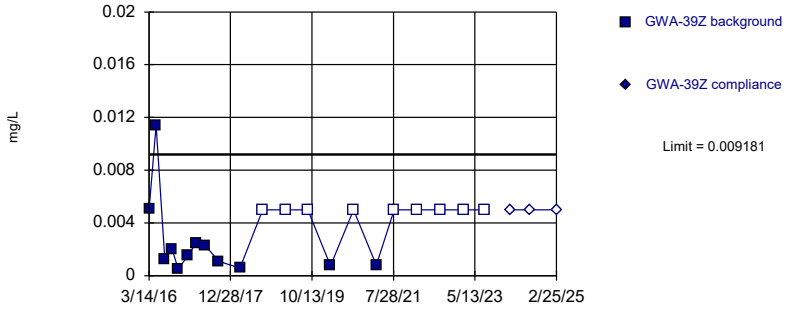
Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1154, Std. Dev.=0.03352, n=21, 42.86% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8773, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

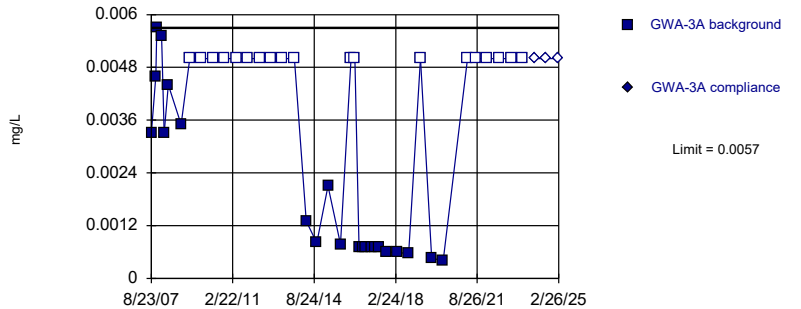
Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 41 background values. 46.34% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

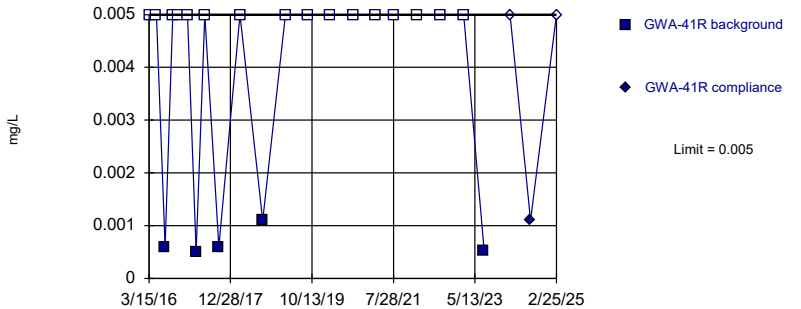
Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

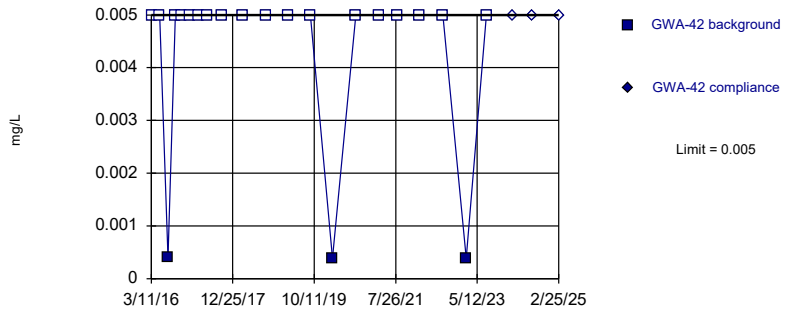
Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

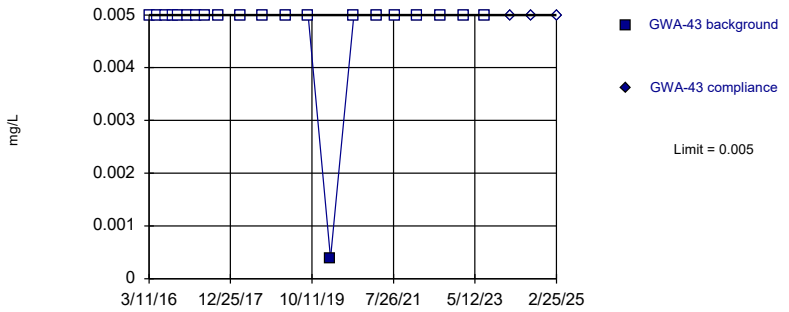
Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

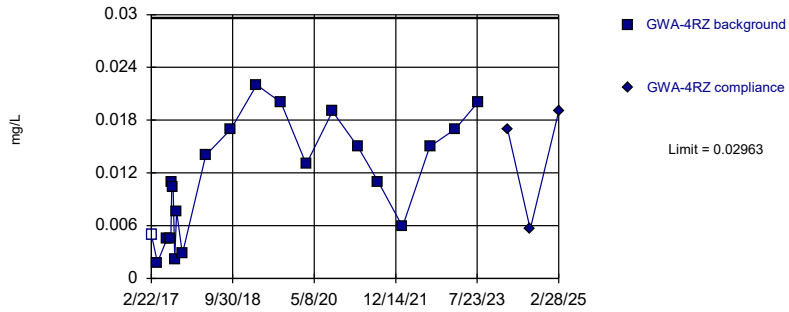
Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01137, Std. Dev.=0.00651, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9396, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

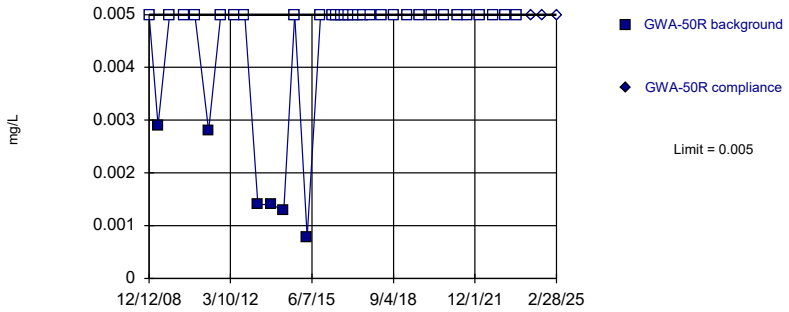
Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



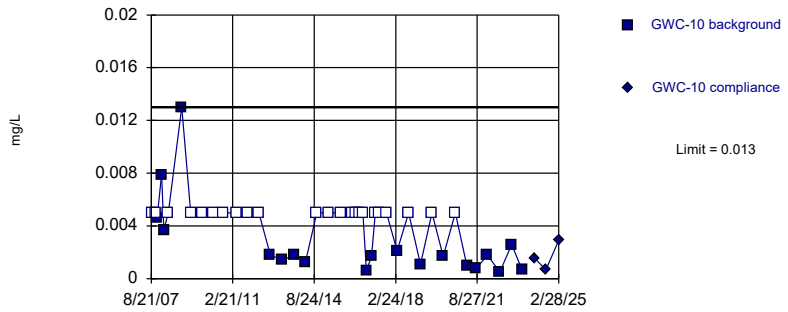
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



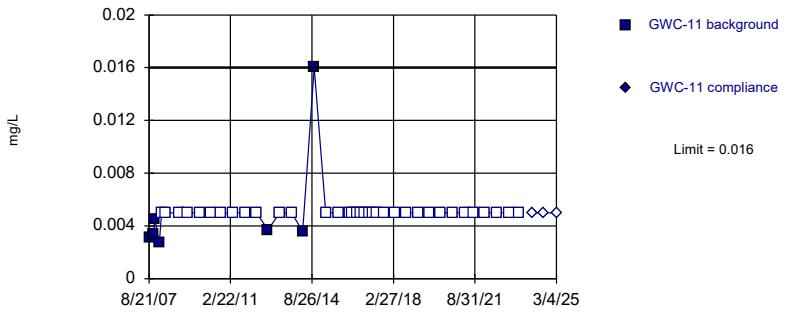
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 54.76% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



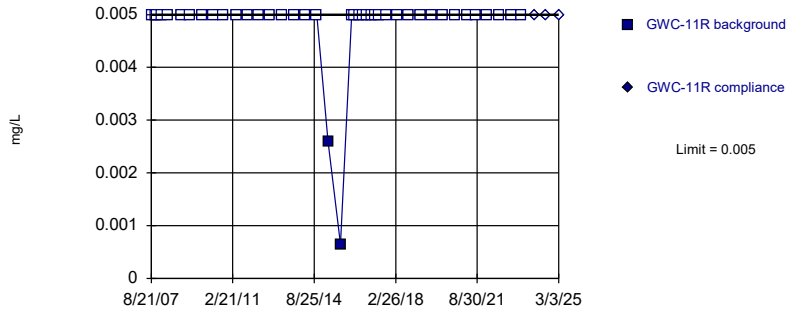
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



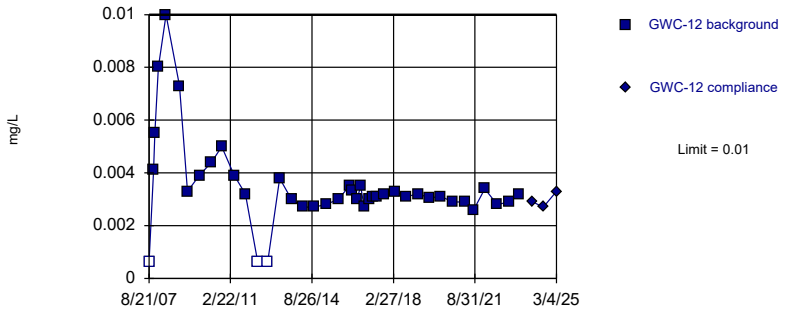
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 95.12% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



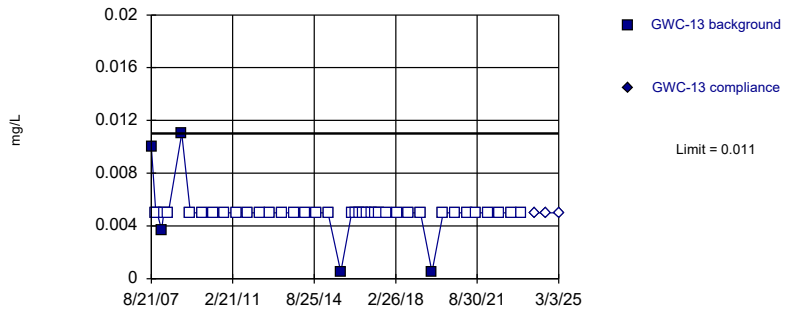
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 41 background values. 7.317% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



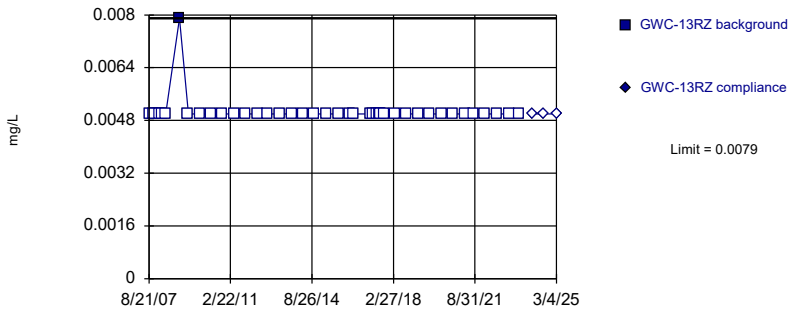
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 88.1% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



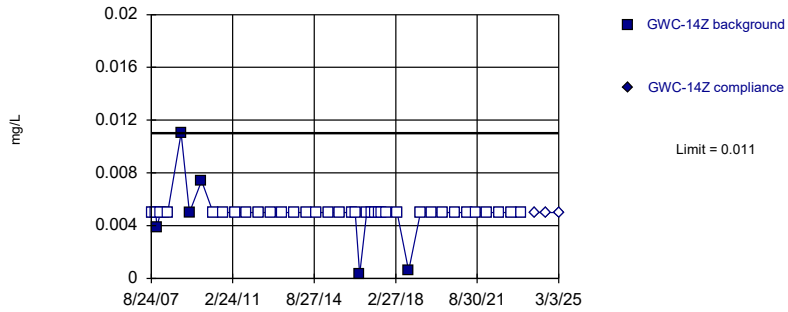
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



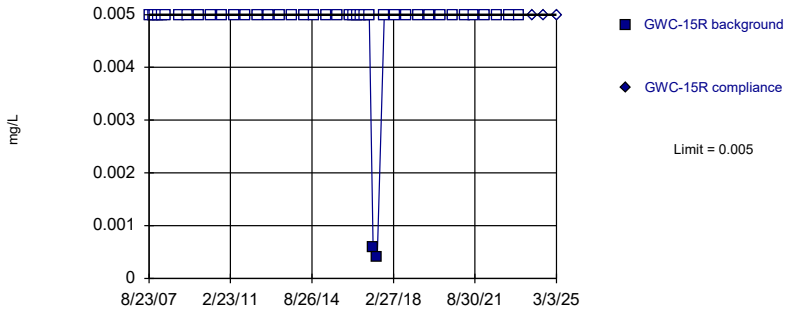
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



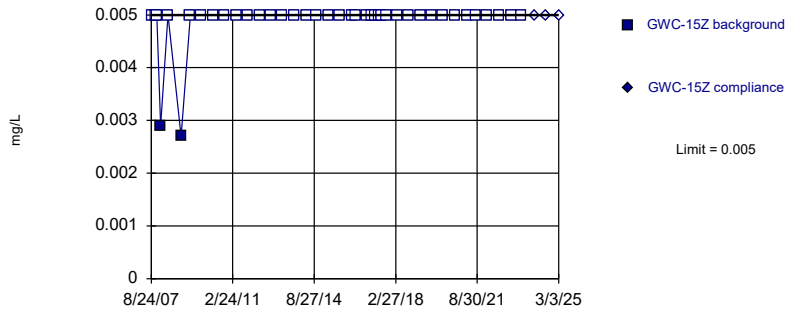
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



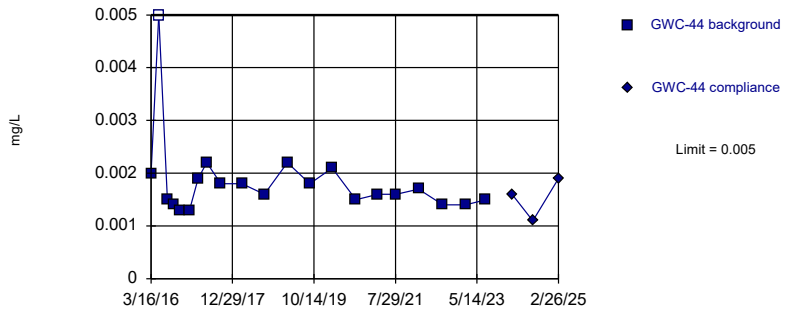
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 95.12% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



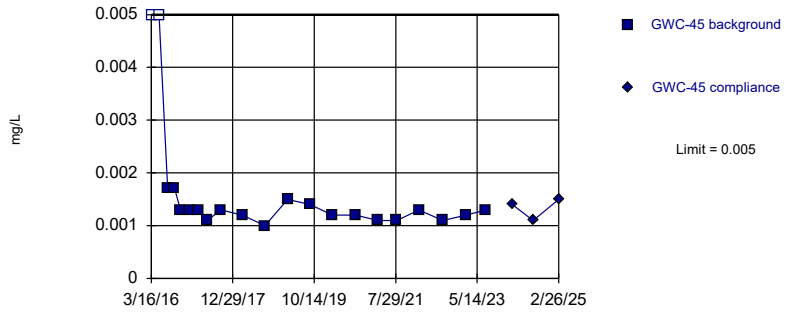
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 4.762% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



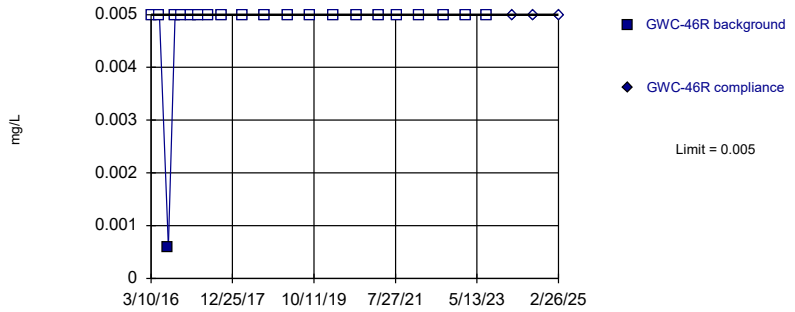
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 9.524% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

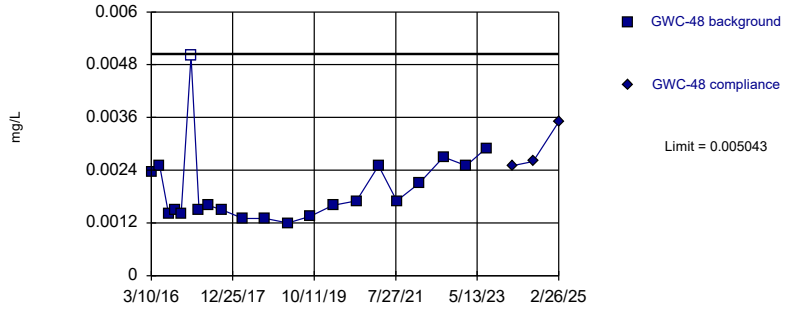
Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-6.293, Std. Dev.=0.3576, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8833, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

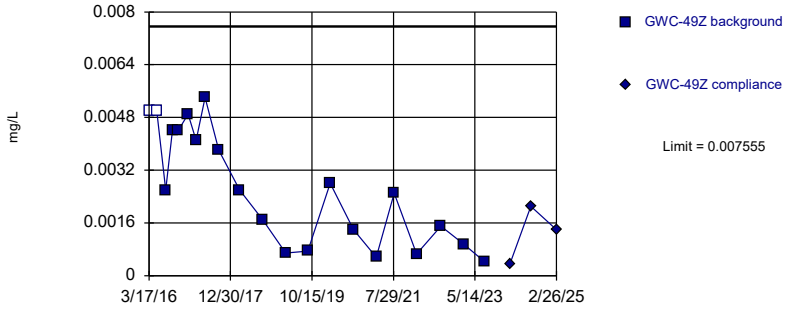
Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.002674, Std. Dev.=0.00174, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9001, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

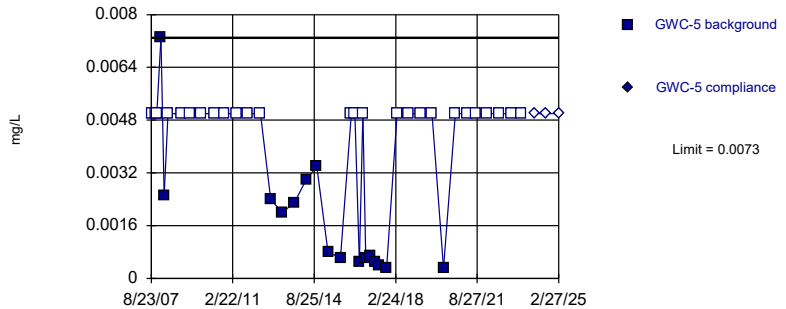
Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

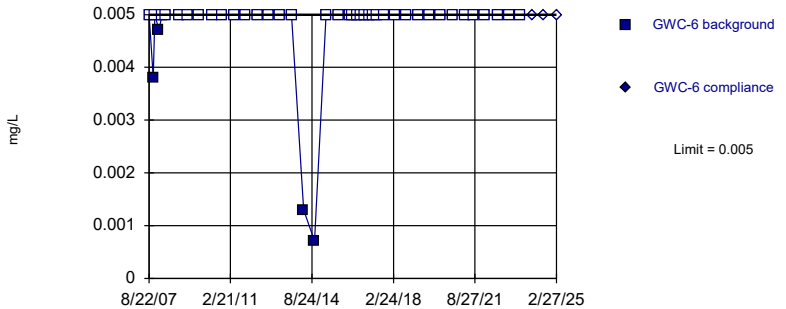
Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

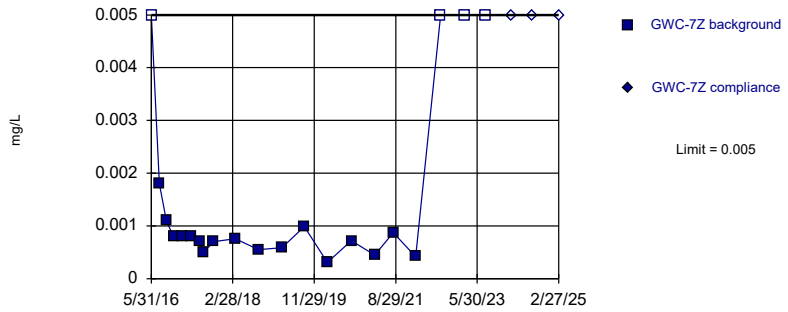
Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 19.05% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

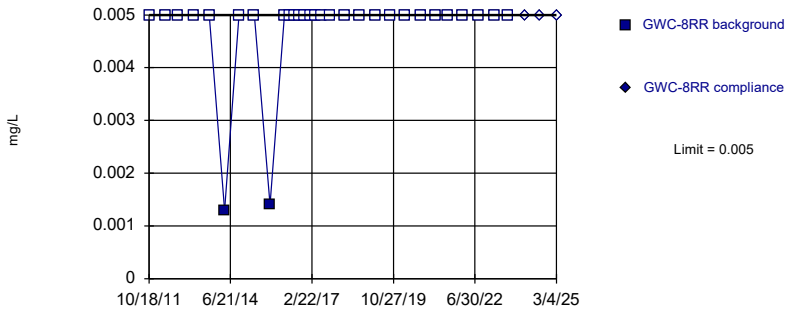
Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

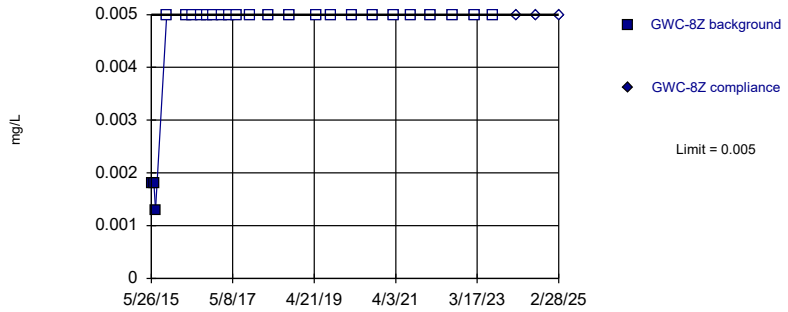
Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 88% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

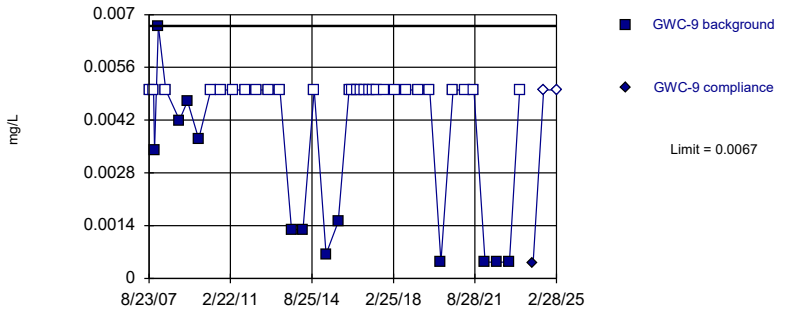
Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 68.29% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

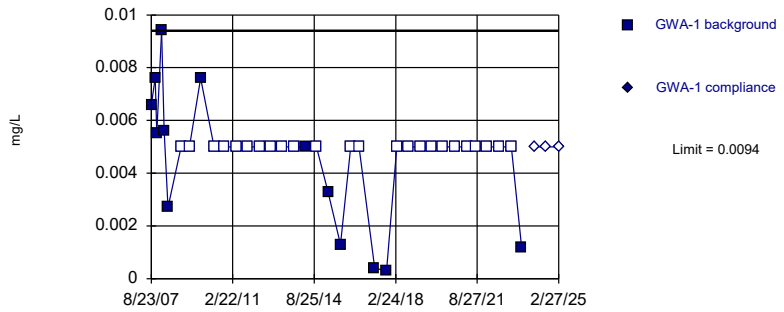
Constituent: Cobalt Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 64.86% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

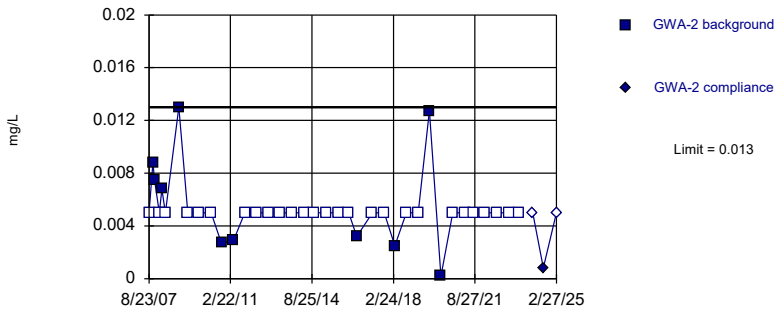
Constituent: Copper Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 72.97% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

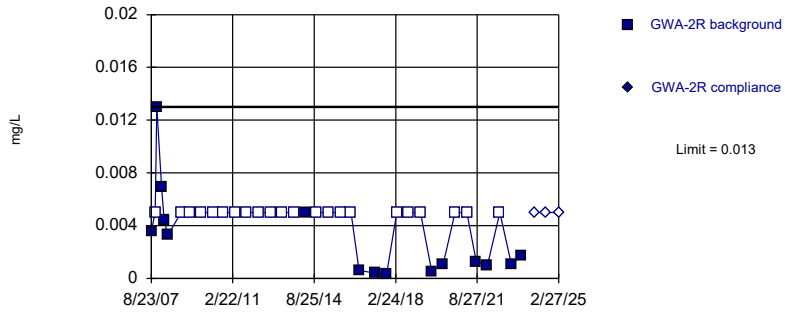
Constituent: Copper Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 59.46% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

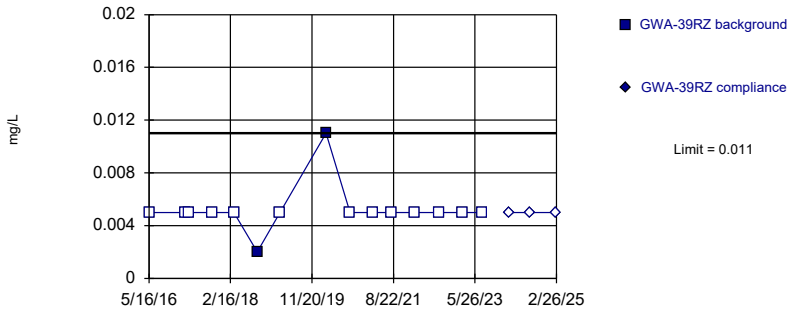
Constituent: Copper Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



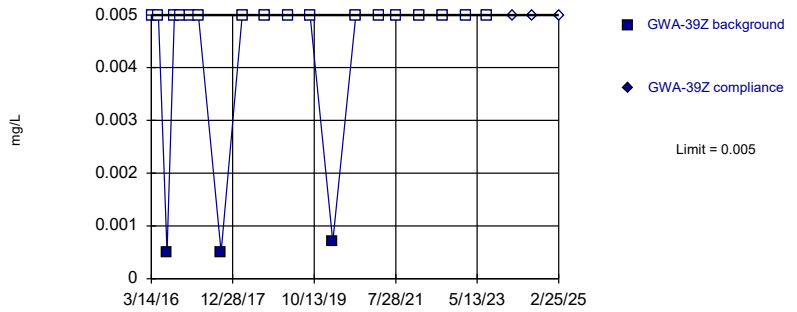
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



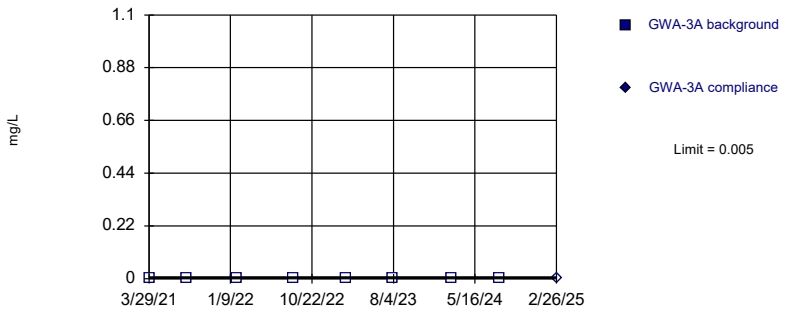
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 85% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



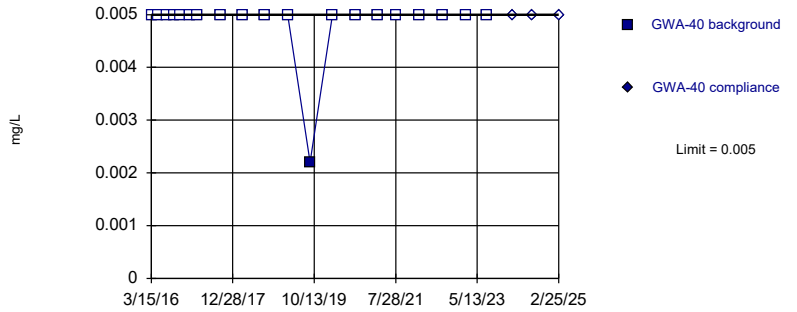
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



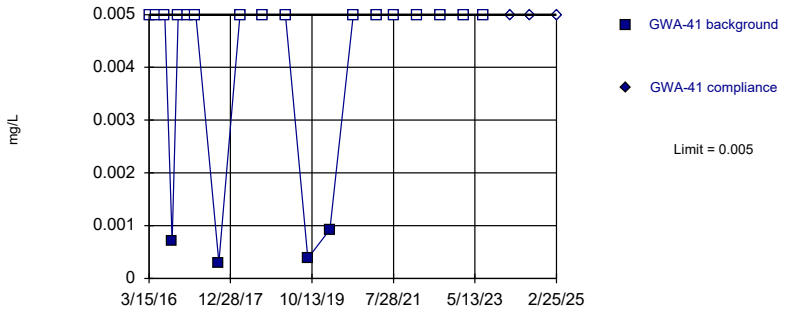
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



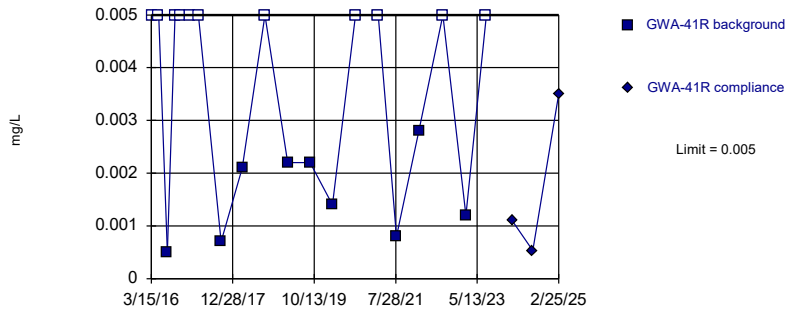
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 80% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



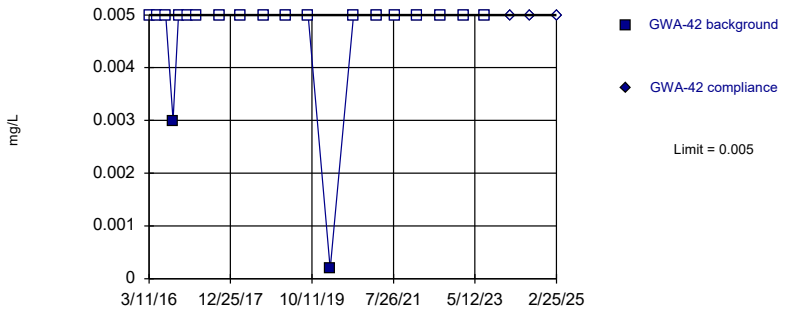
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 55% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



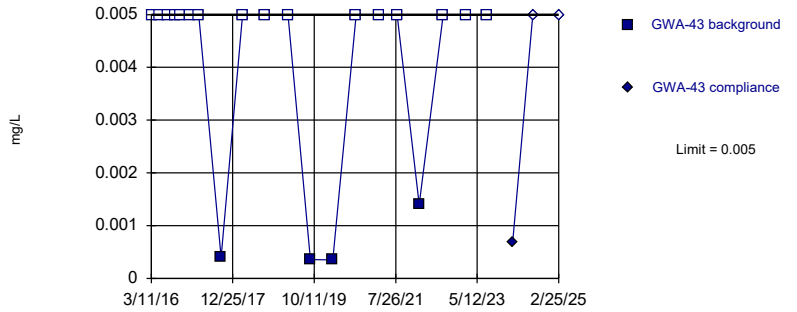
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



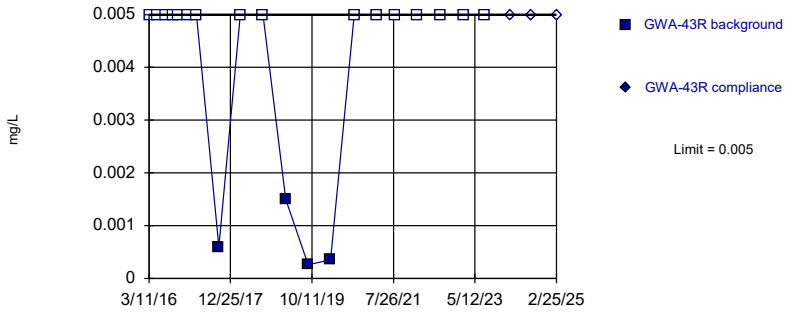
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 80% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 80% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

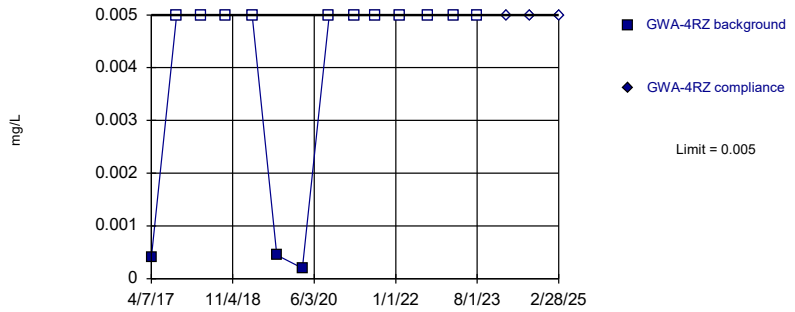
Constituent: Copper Analysis Run 6/23/2025 2:09 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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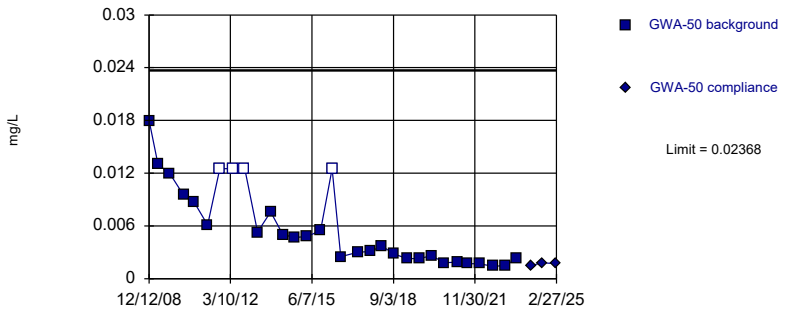
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=0.1702, Std. Dev.=0.04492, n=31, 12.9% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9045, critical = 0.902. Kappa = 2.606 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

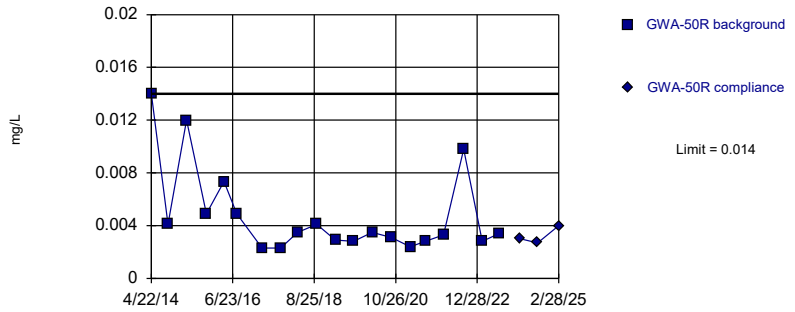
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

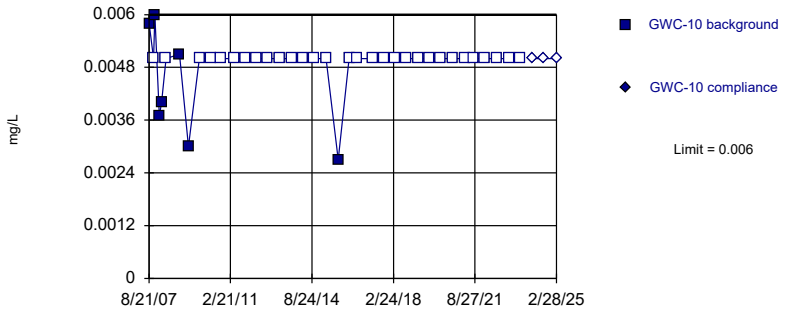
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 81.08% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

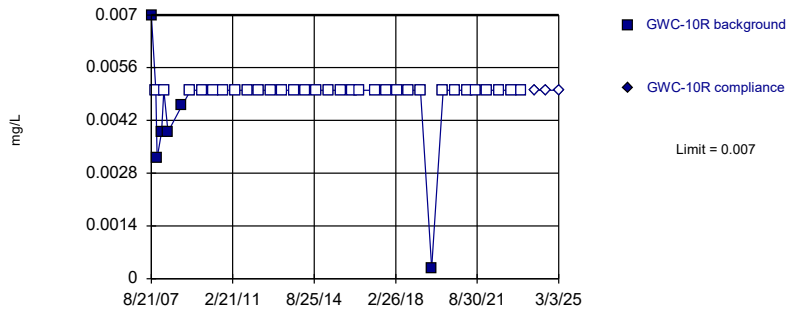
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

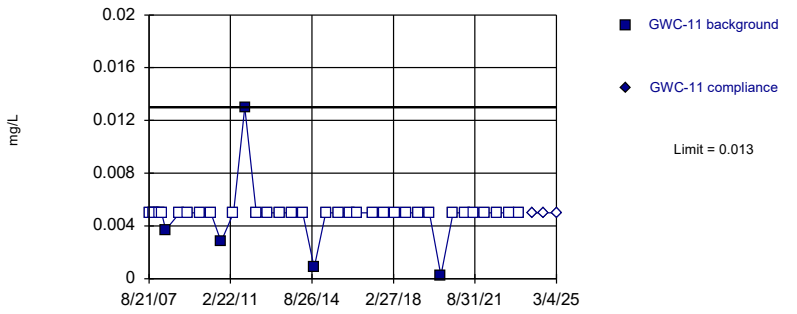
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

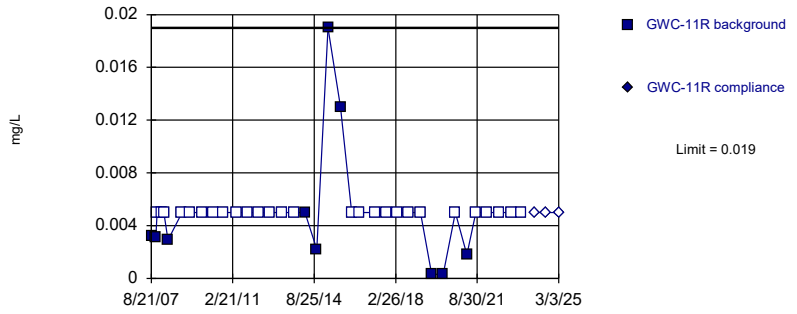
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 72.97% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

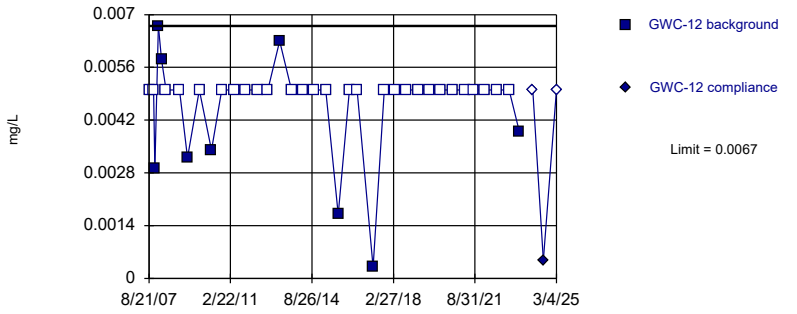
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 75.68% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

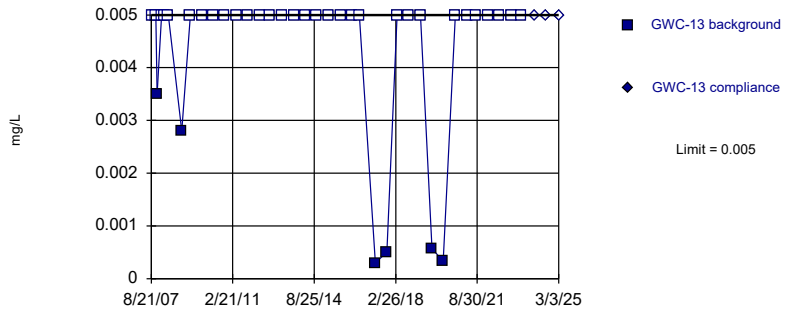
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

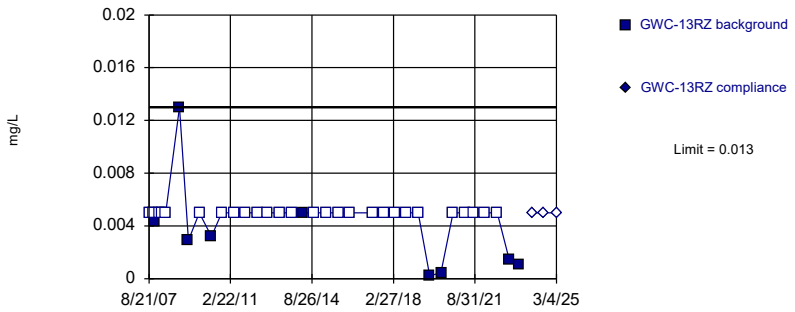
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 75% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

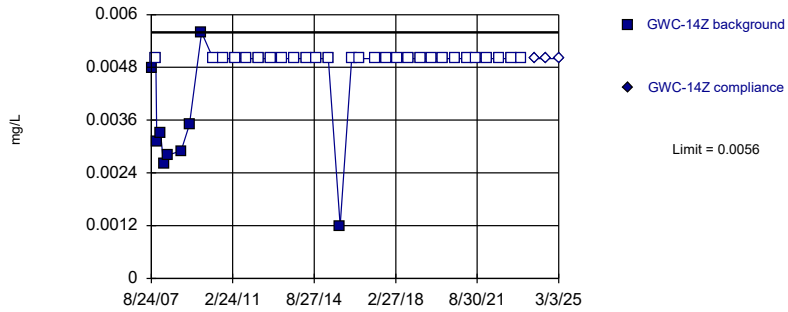
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 75.68% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

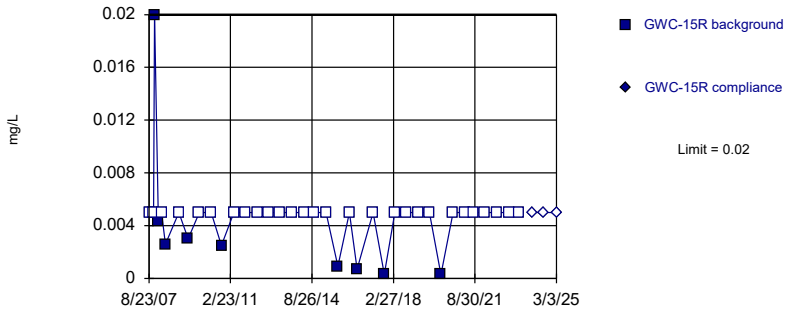
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 75.68% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

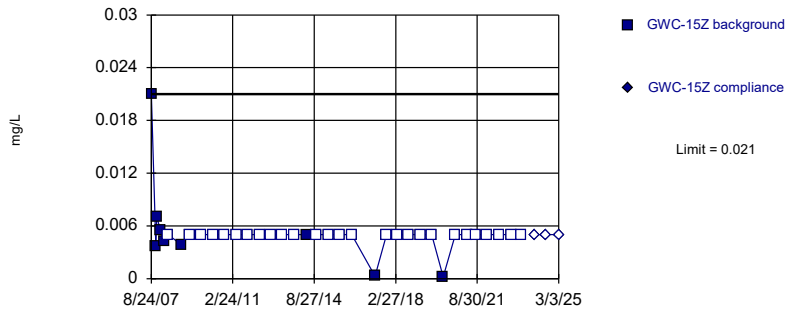
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 75% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

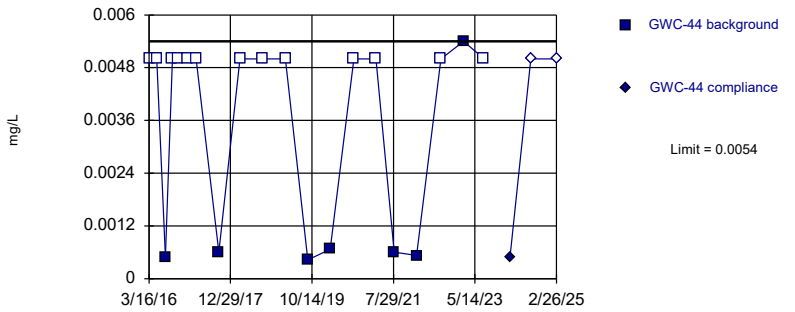
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 65% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

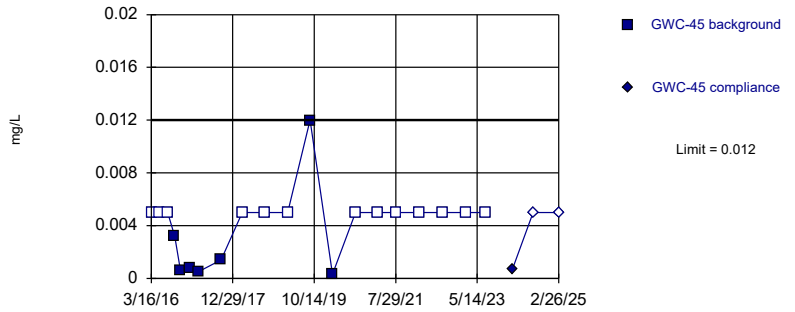
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 65% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

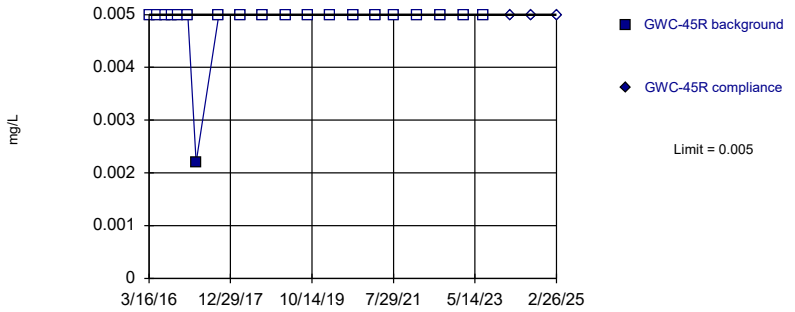
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



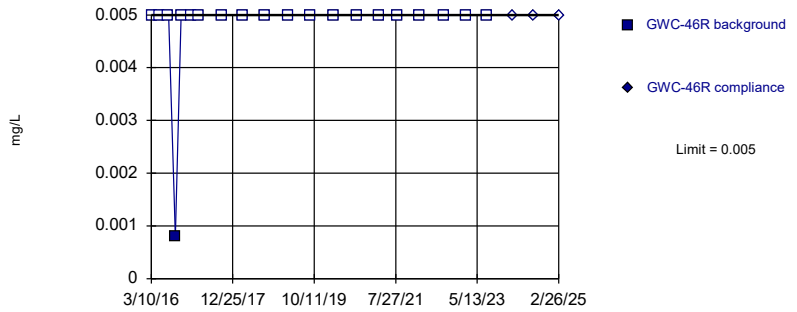
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



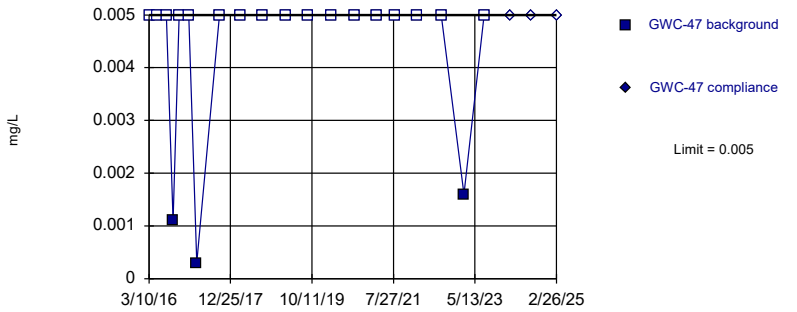
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



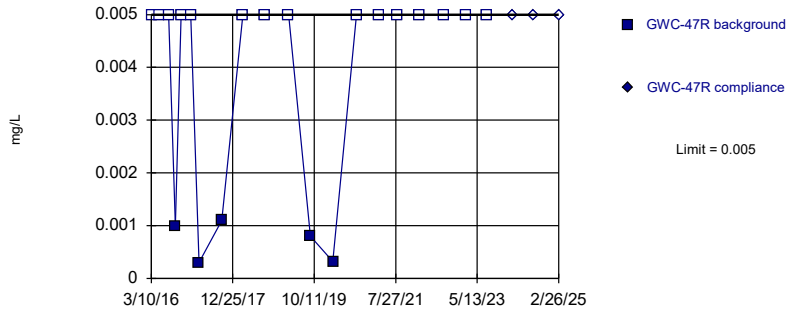
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 85% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



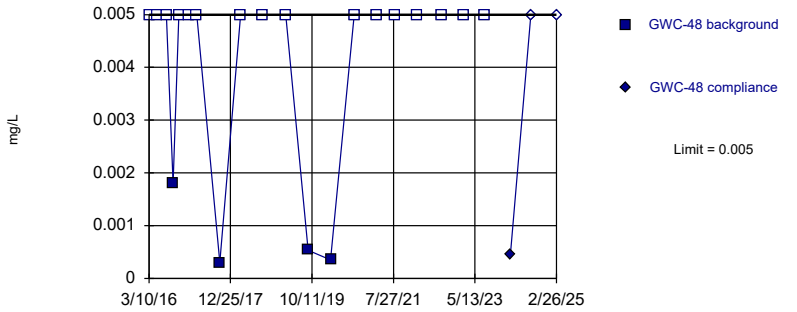
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 75% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 80% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

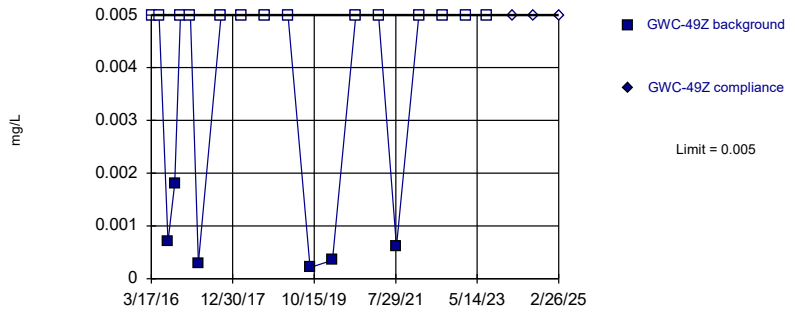
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 70% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

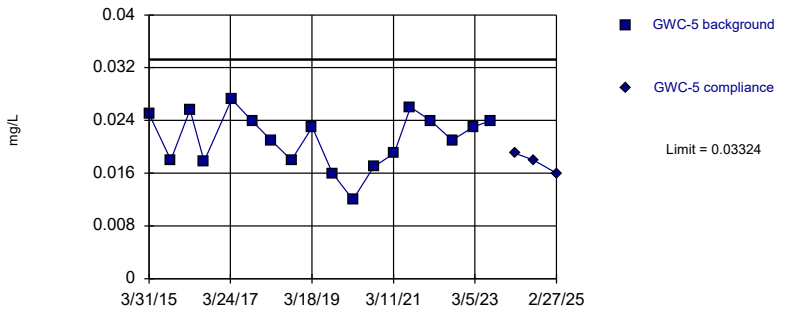
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02119, Std. Dev.=0.00412, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9488, critical = 0.897. Kappa = 2.923 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

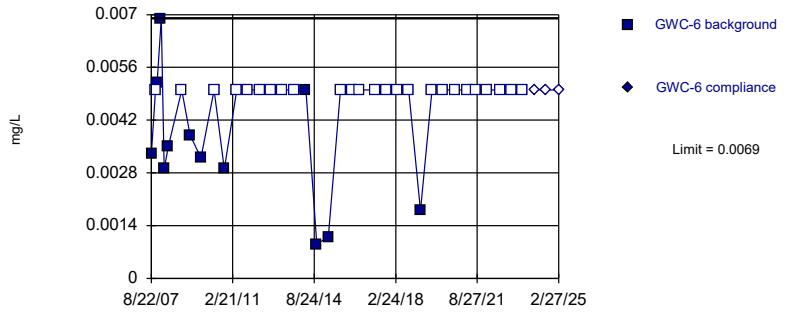
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 67.57% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

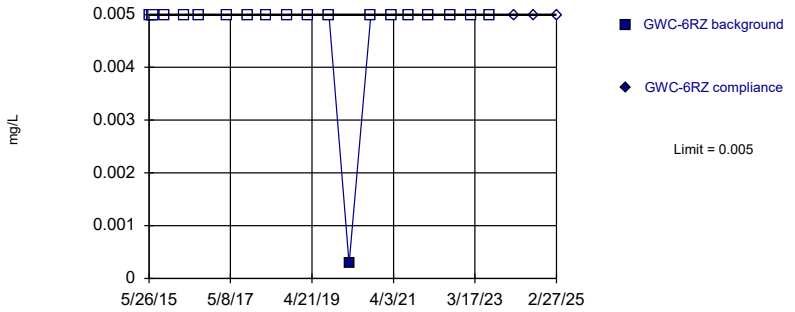
Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



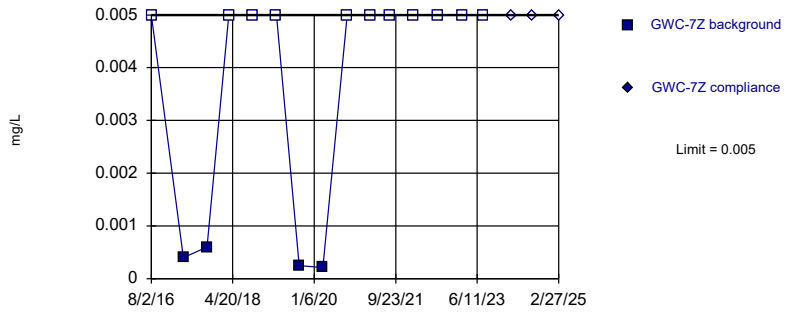
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



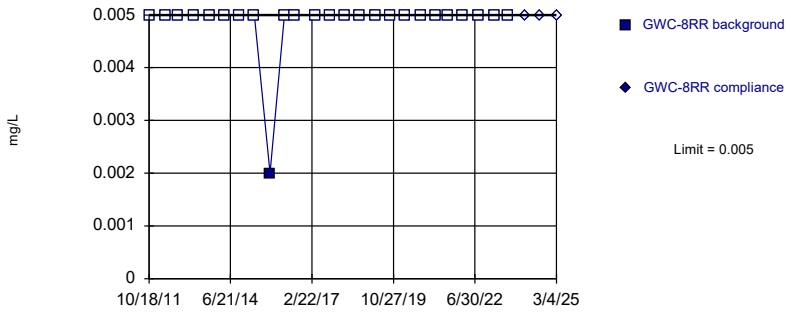
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



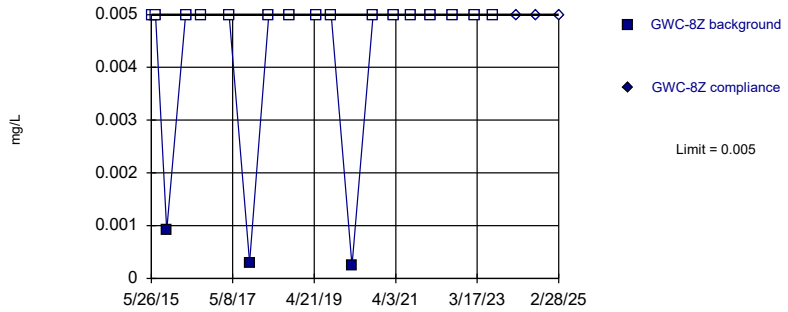
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



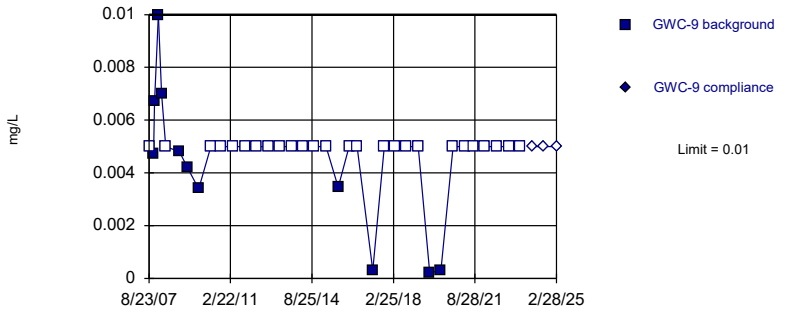
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 80% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 70.27% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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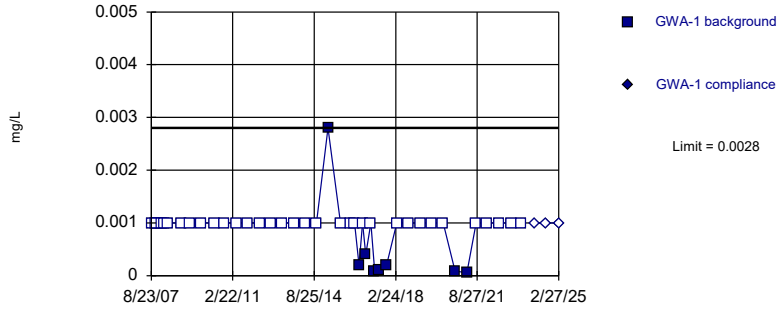
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



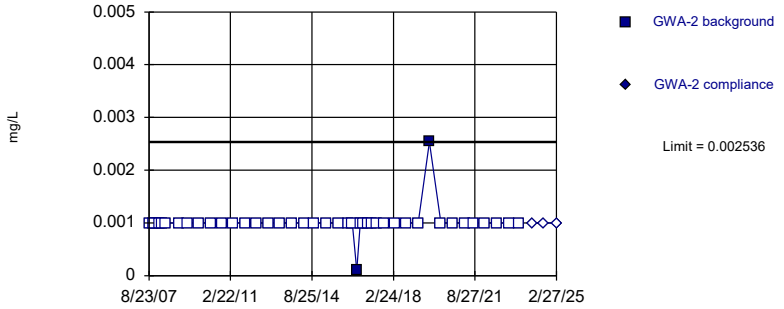
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



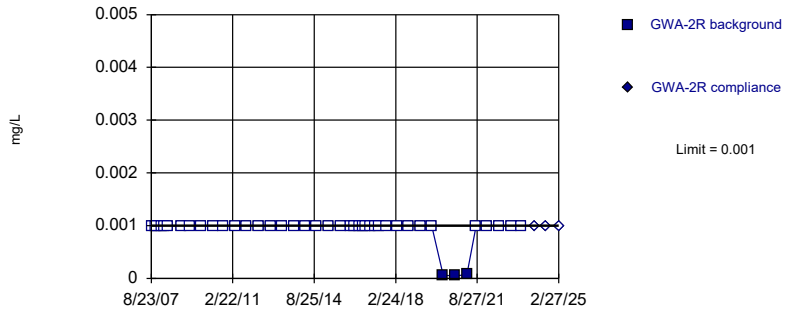
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



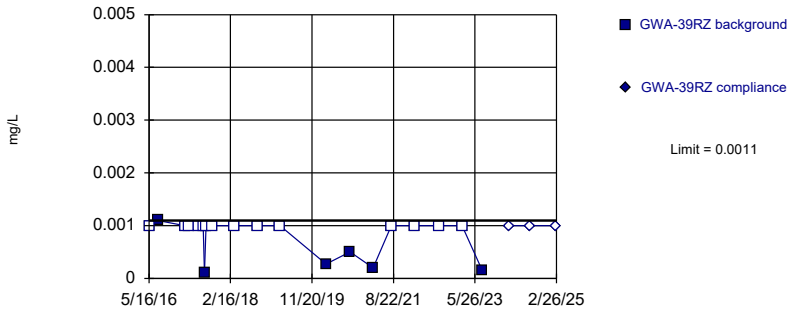
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



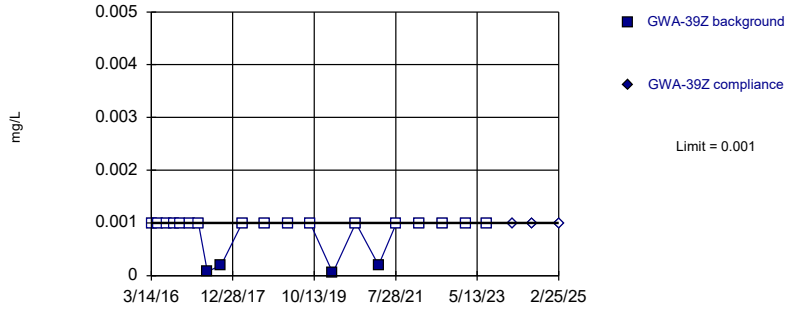
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 70% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



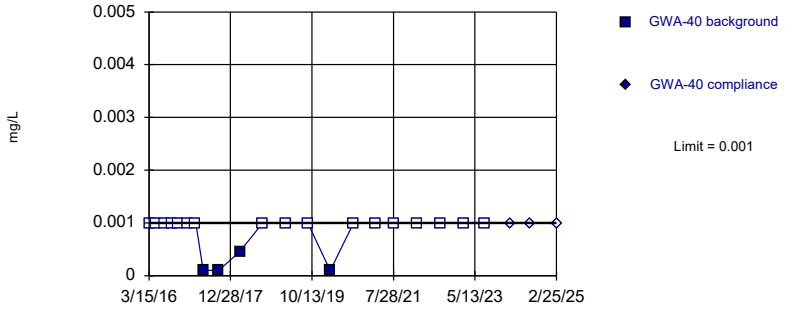
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



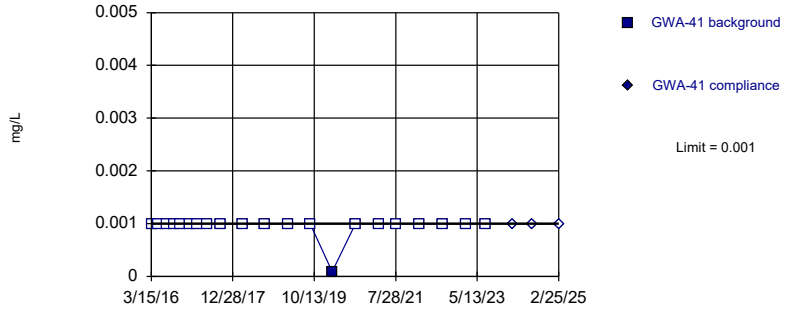
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



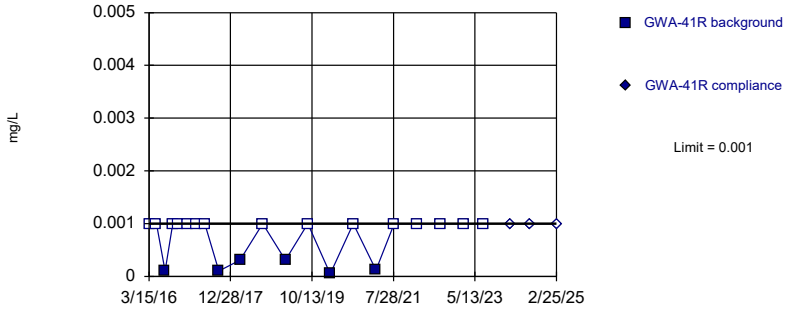
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



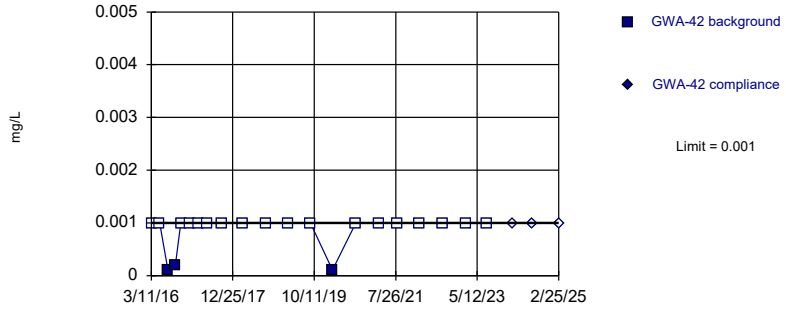
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



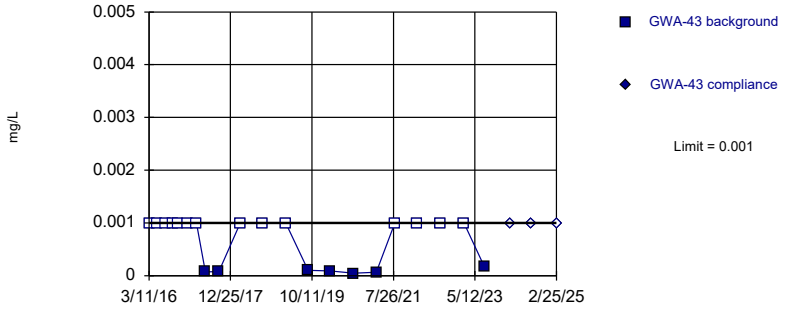
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



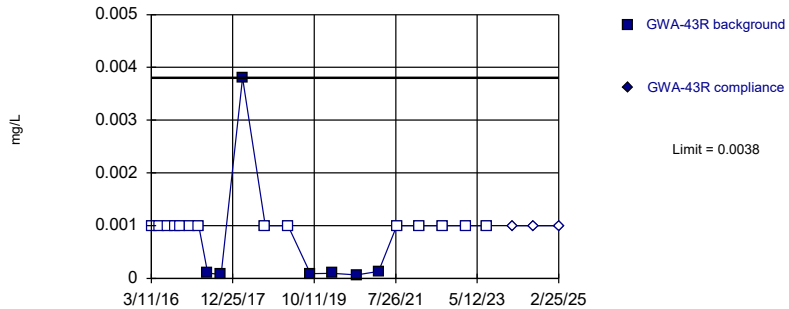
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



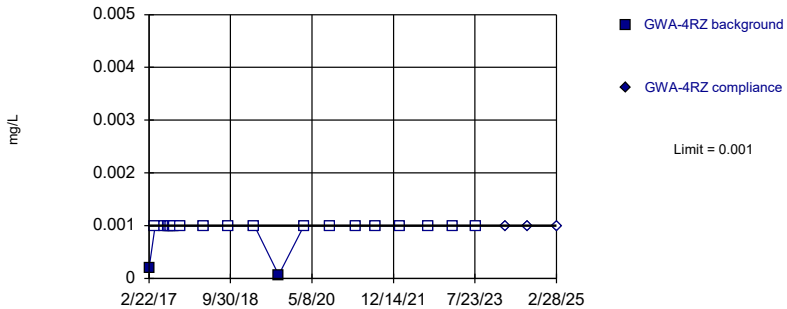
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

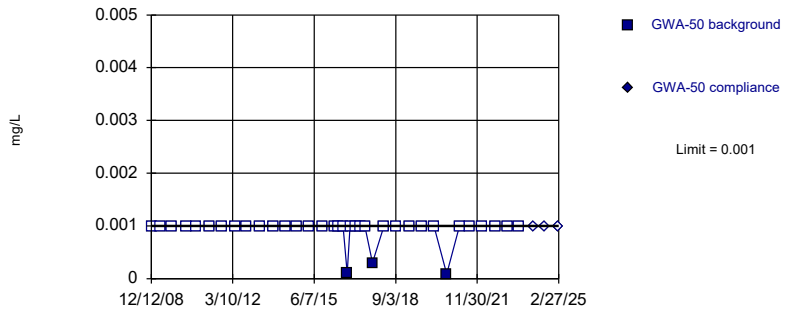
Constituent: Lead Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

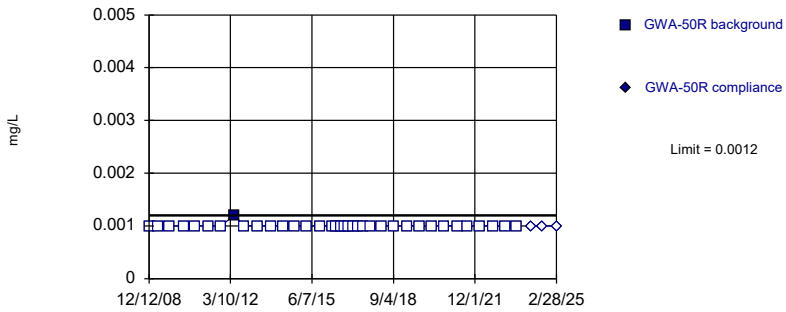
Constituent: Lead Analysis Run 6/23/2025 2:10 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

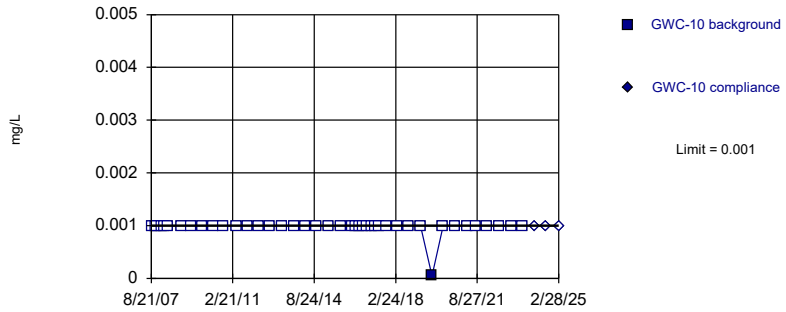
Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

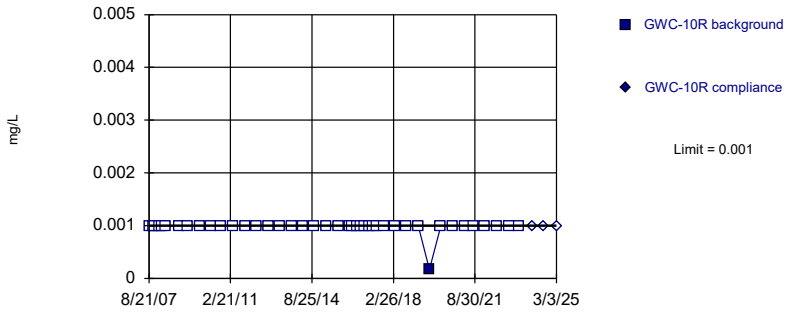
Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



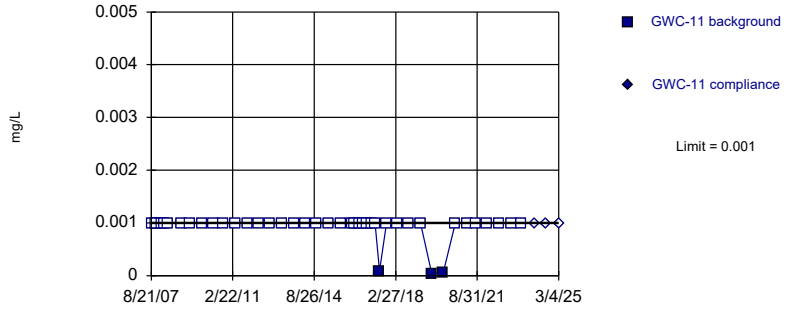
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



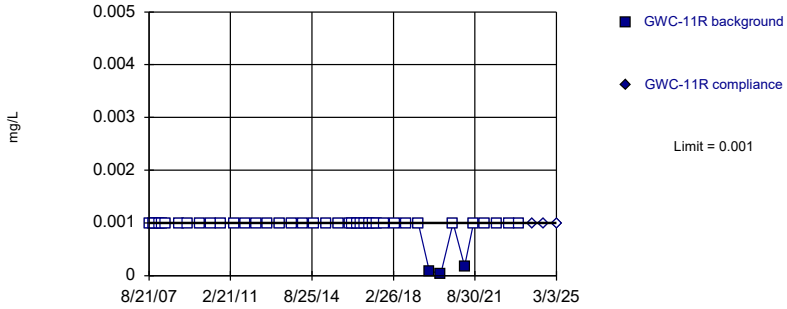
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



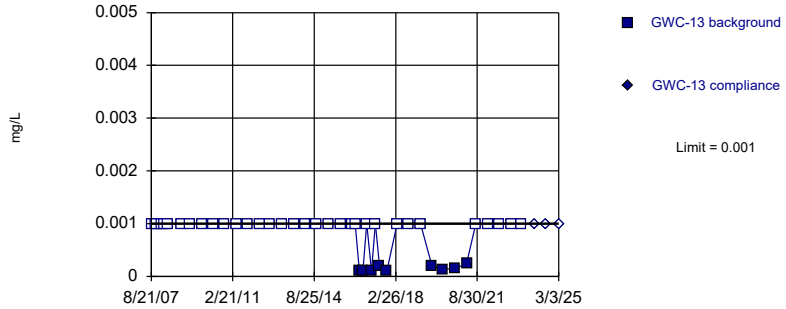
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



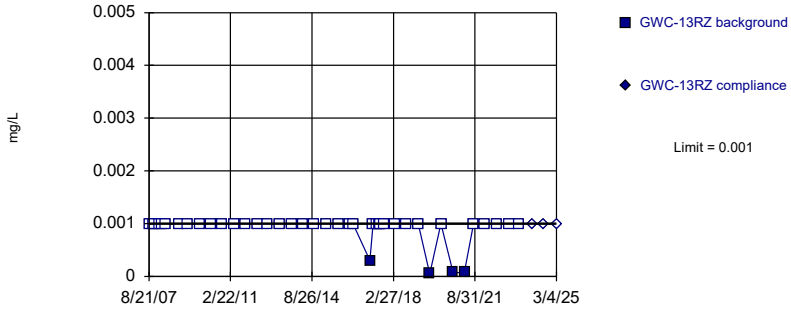
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



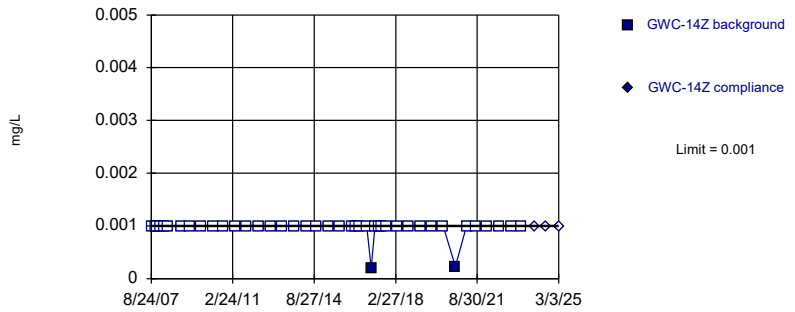
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



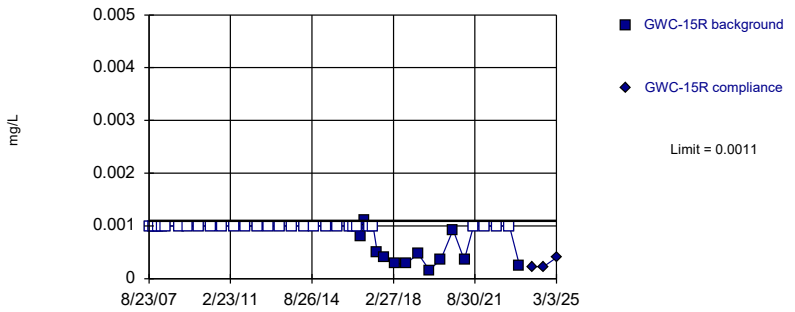
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



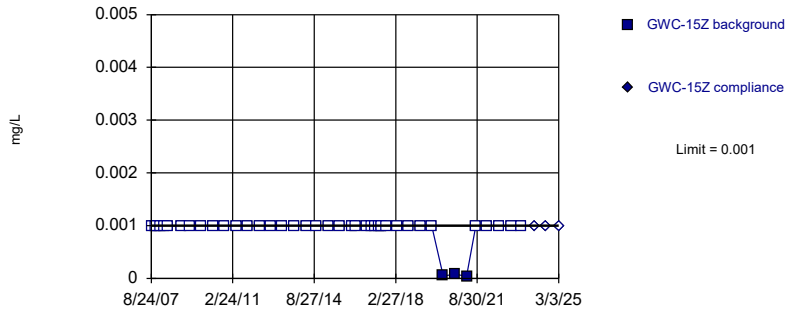
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



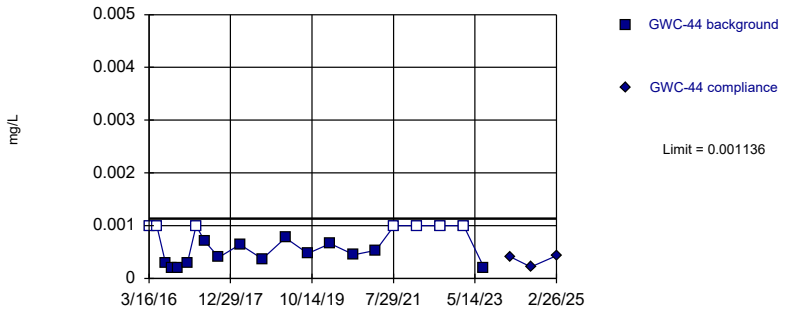
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



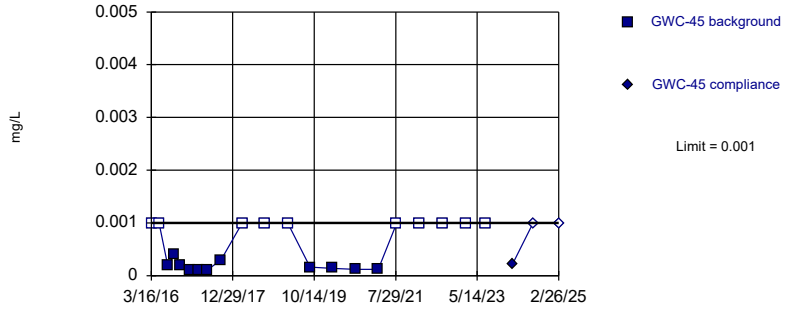
Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.0203, Std. Dev.=0.004776, n=21, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8789, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



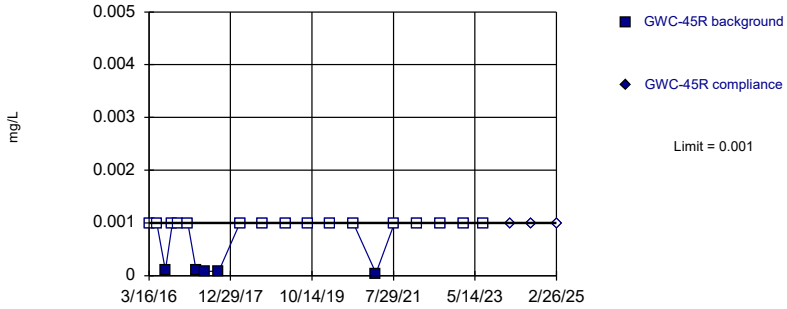
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 47.62% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



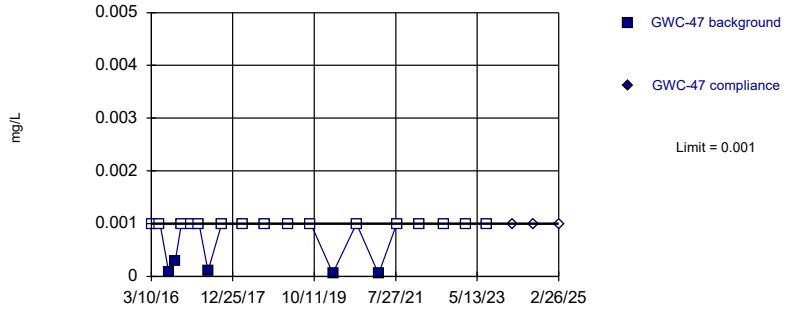
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



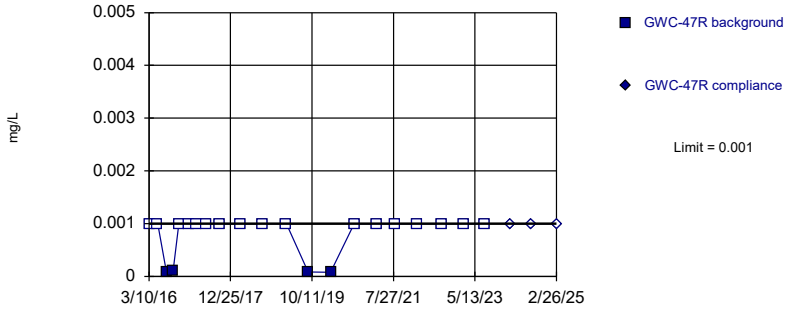
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

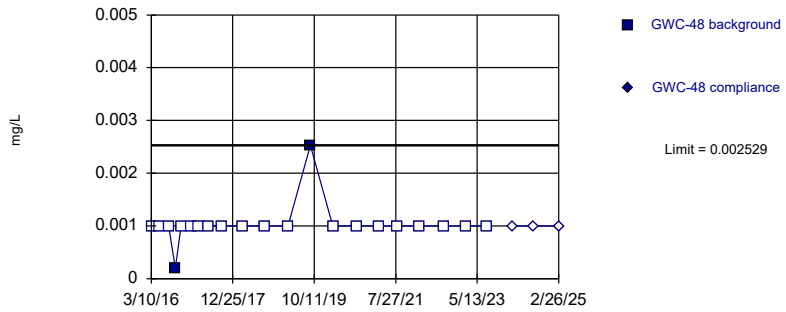
Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

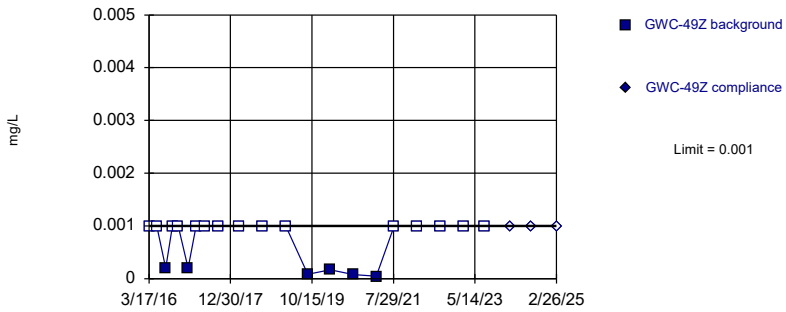
Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

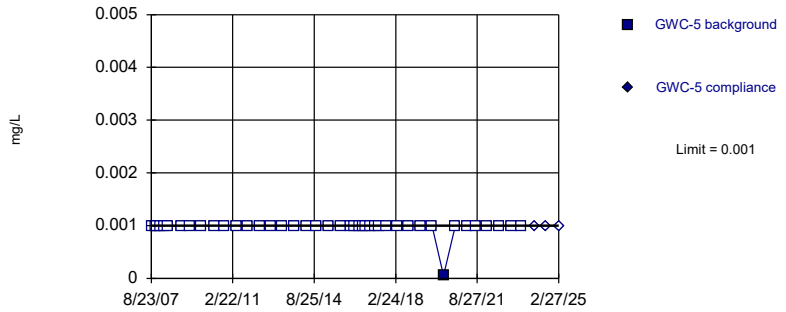
Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

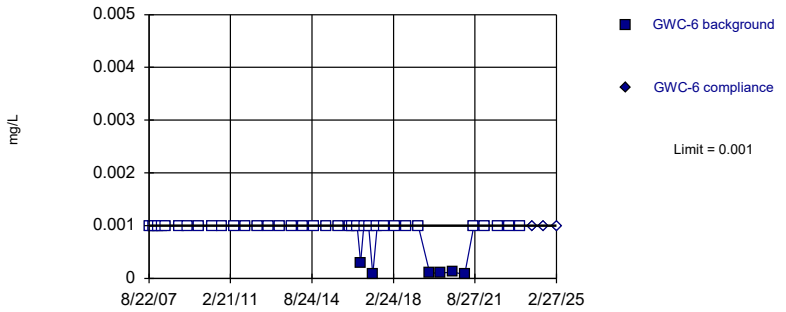
Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



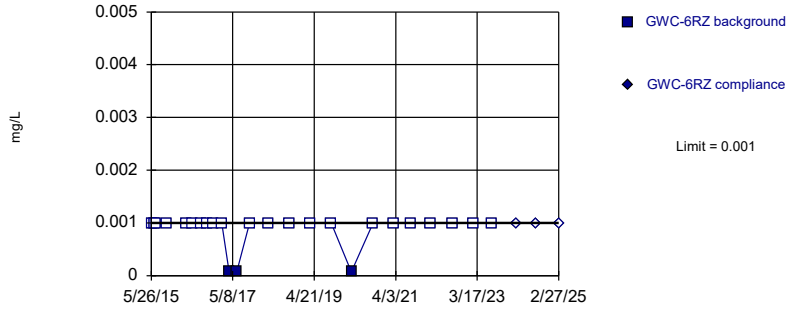
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



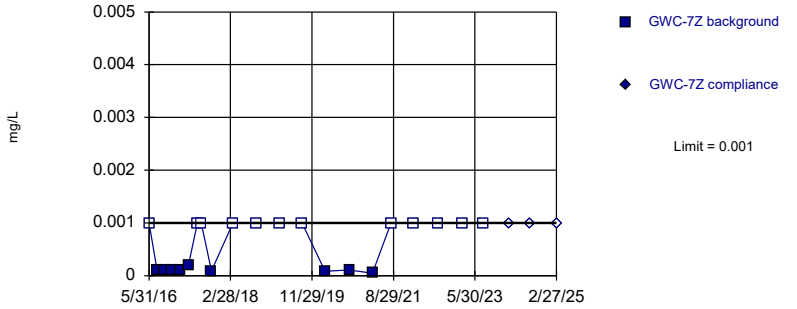
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 88% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



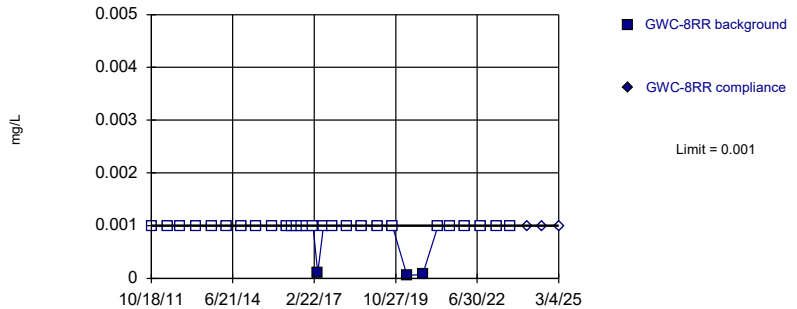
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



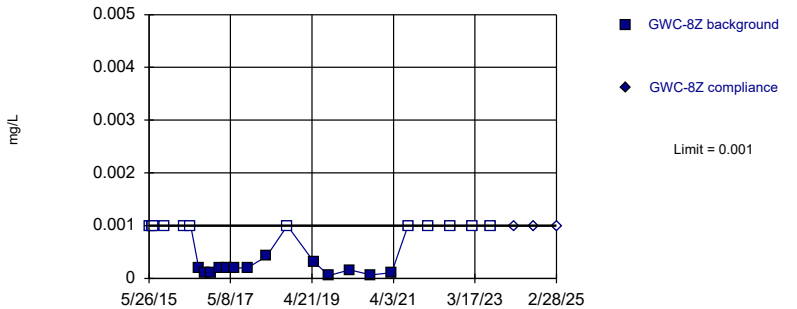
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. 48% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

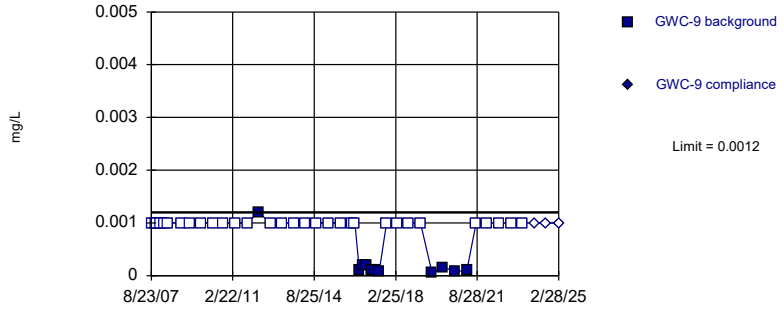
Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 73.81% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

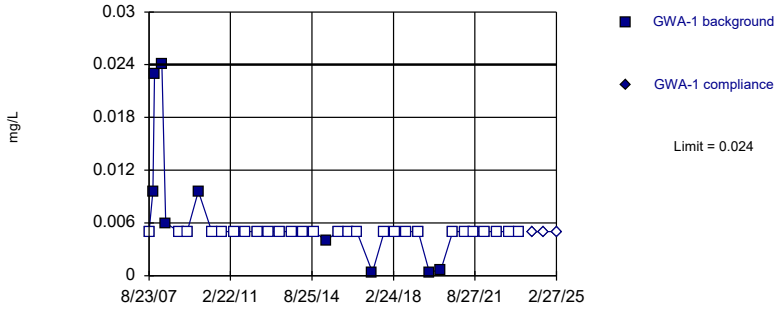
Constituent: Lead Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 75% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

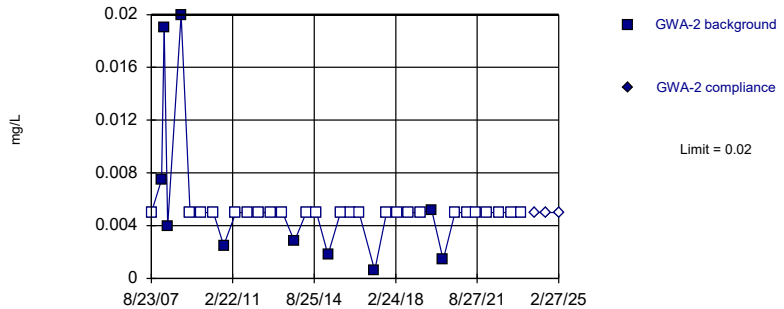
Constituent: Nickel Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

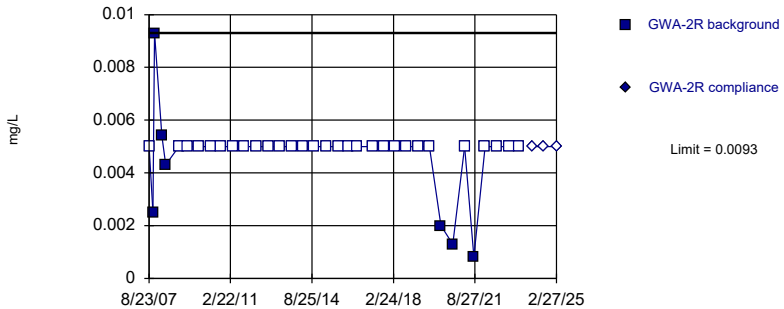
Constituent: Nickel Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



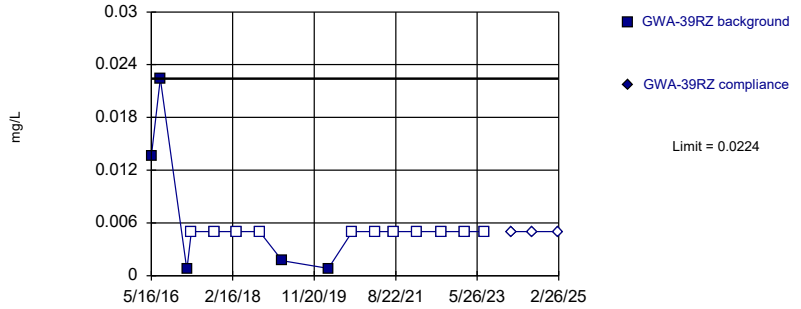
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 80.56% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



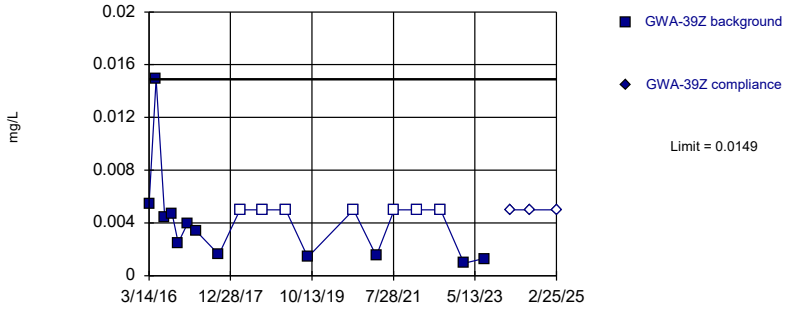
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



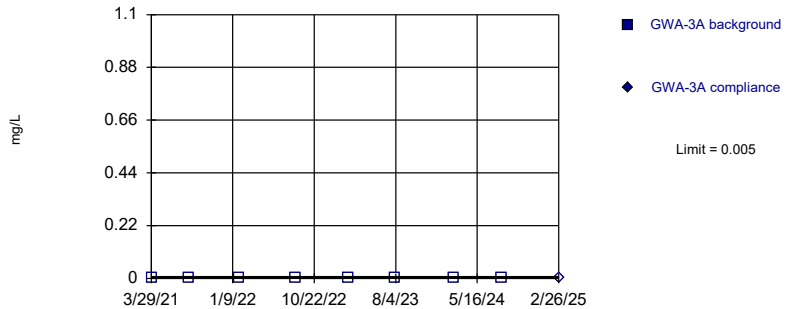
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. 36.84% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



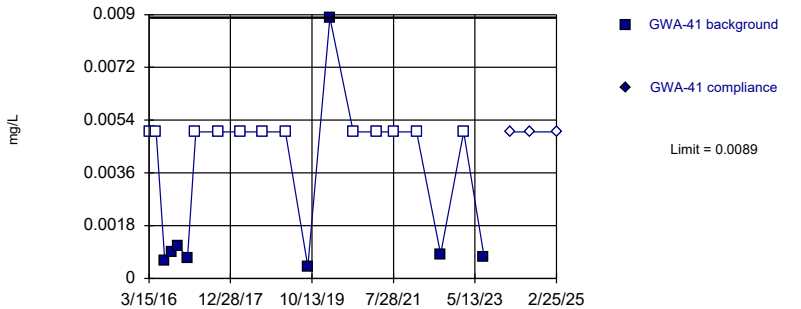
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



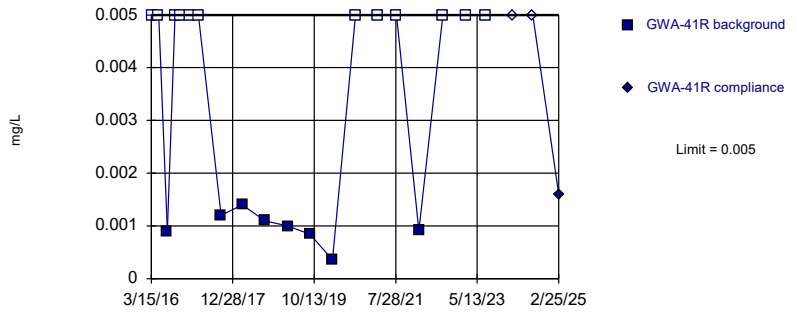
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 60% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



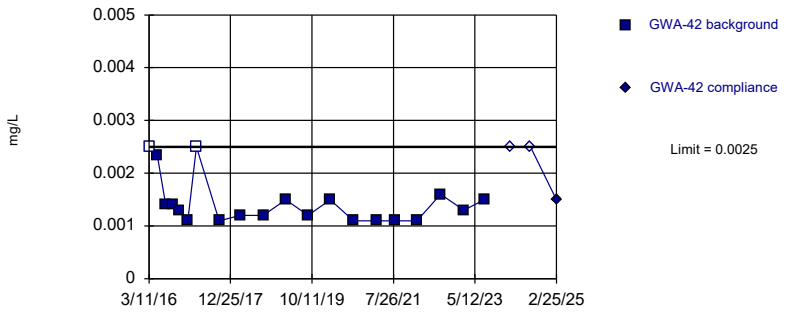
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 60% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



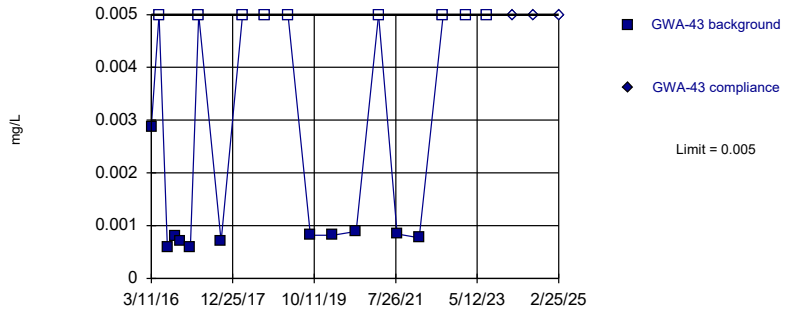
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 10% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



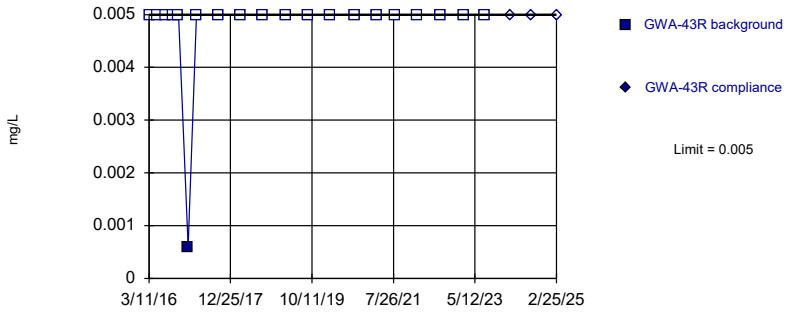
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 45% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



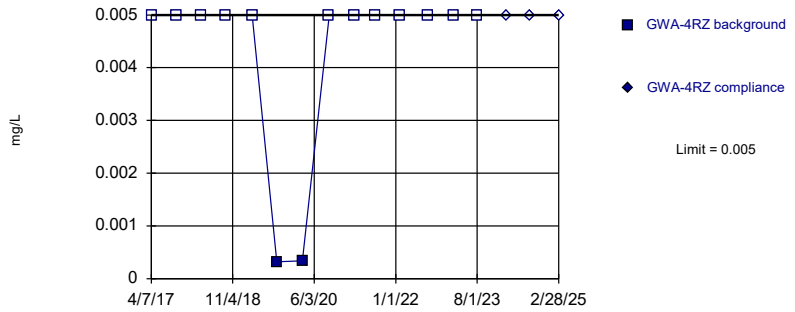
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



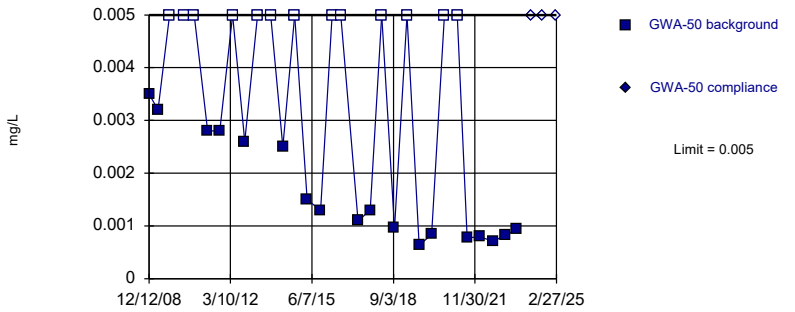
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



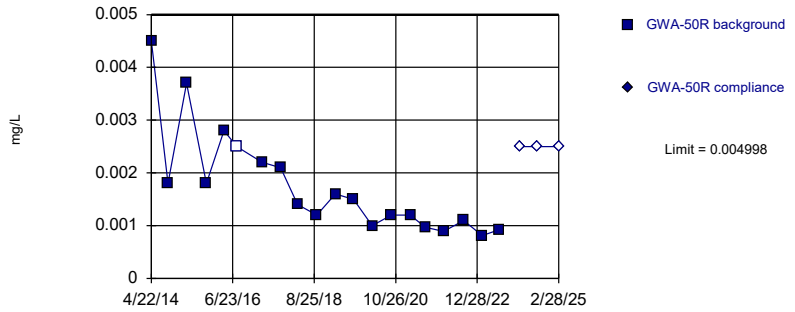
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 41.94% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:11 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



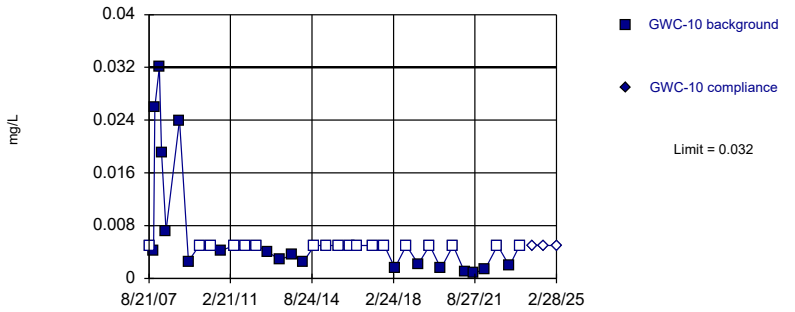
Background Data Summary (based on square root transformation): Mean=0.04065, Std. Dev.=0.01061, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8975, critical = 0.868. Kappa = 2.832 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



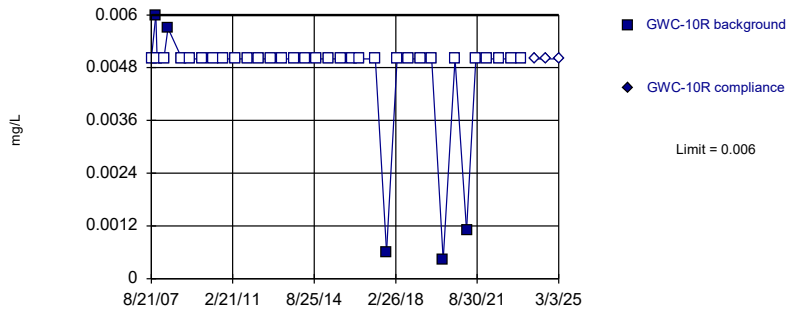
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 48.65% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



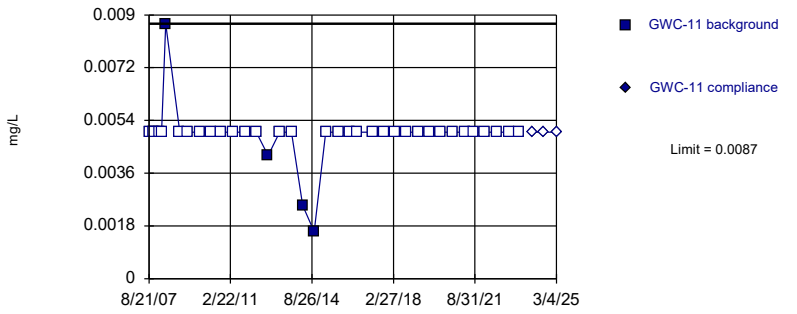
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



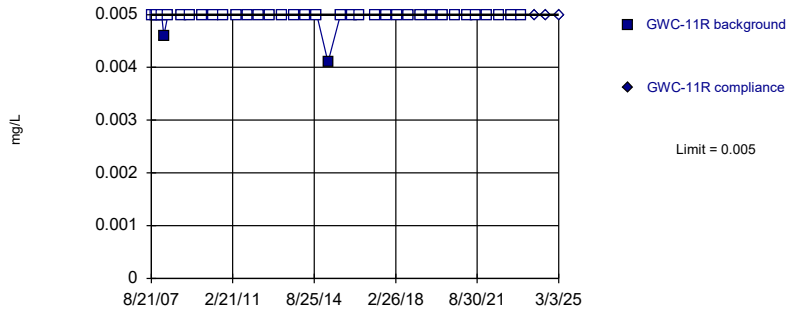
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



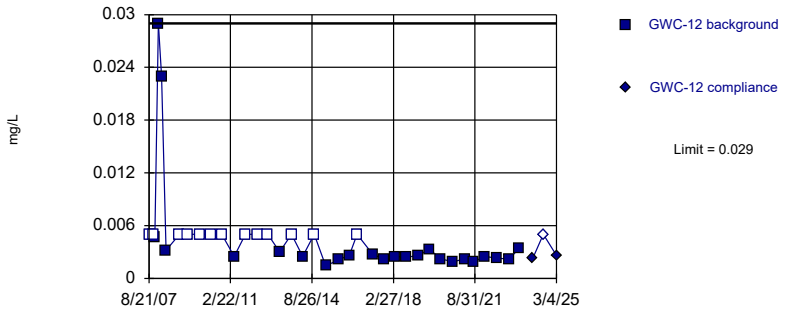
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



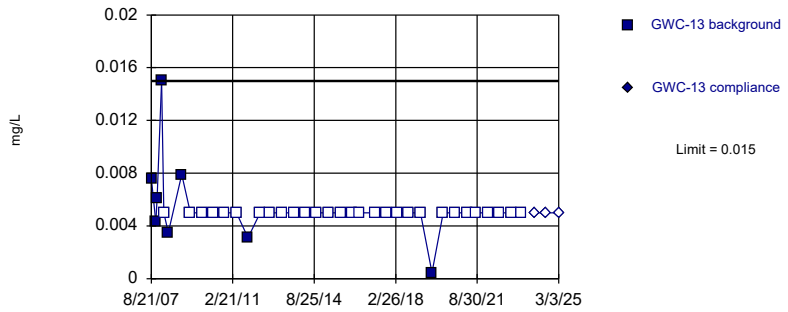
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 35.14% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



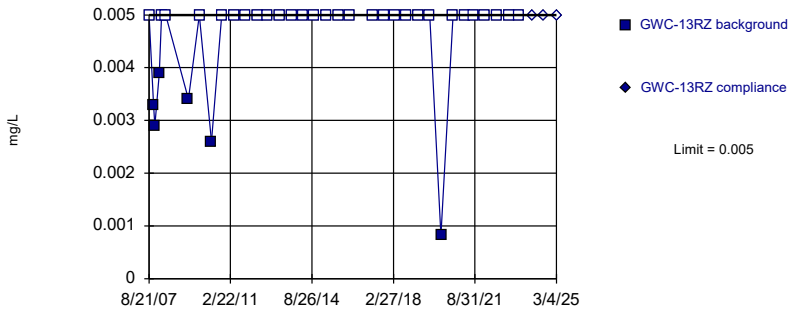
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 78.38% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



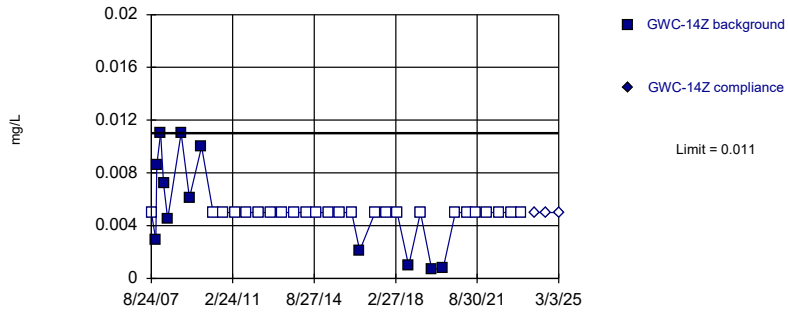
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 82.86% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



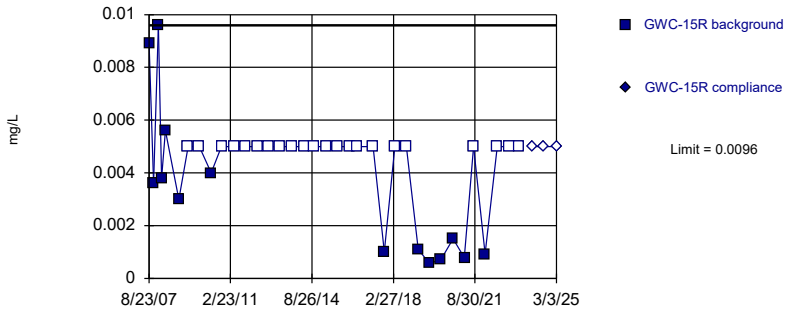
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 67.57% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 61.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

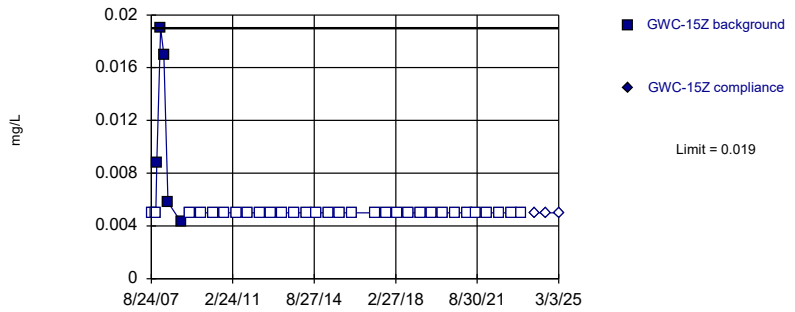
Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

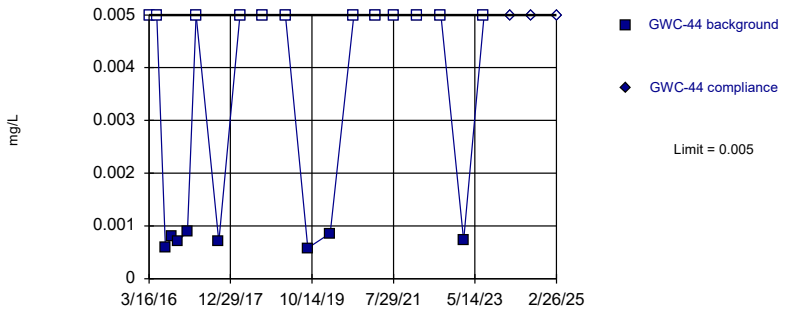
Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 60% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

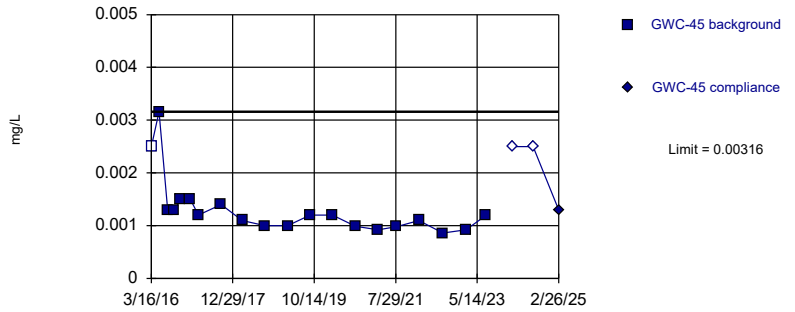
Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 5% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

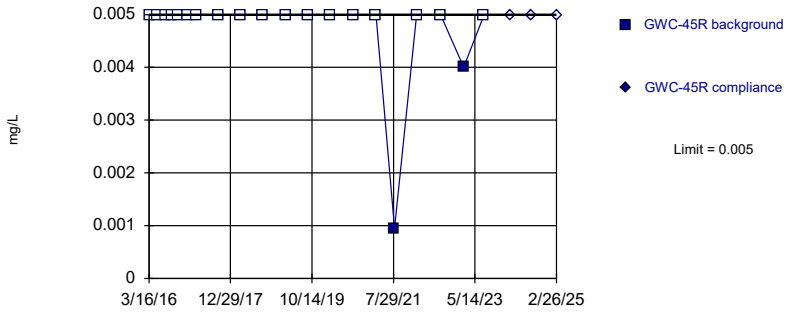
Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



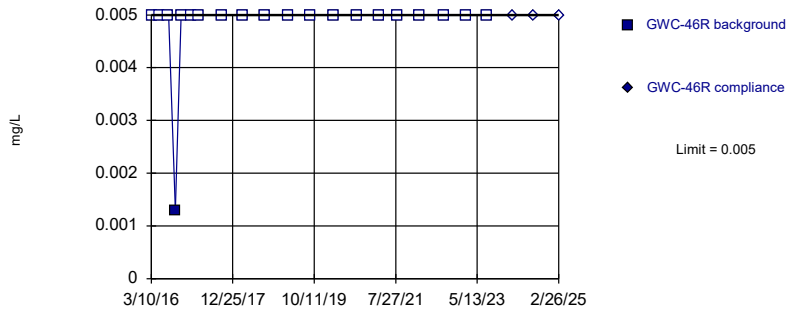
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



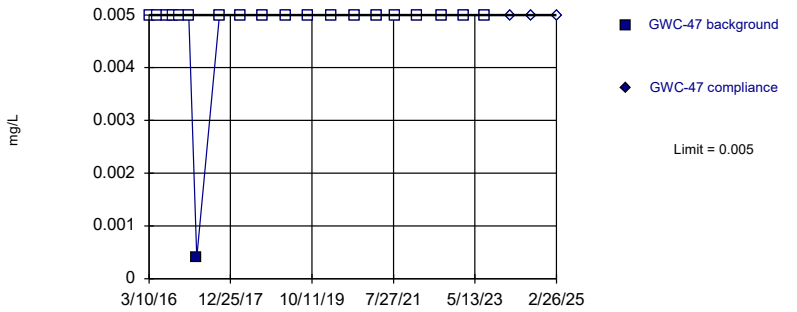
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



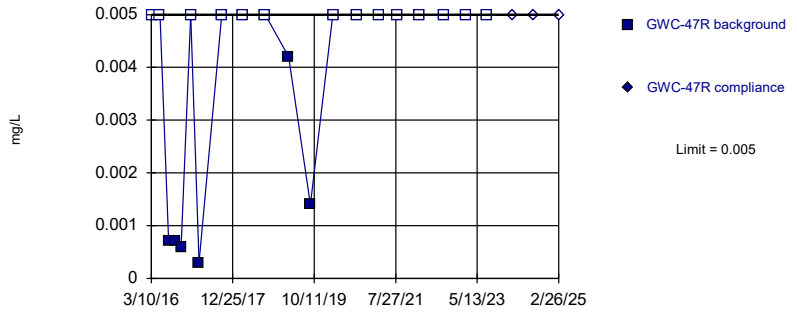
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



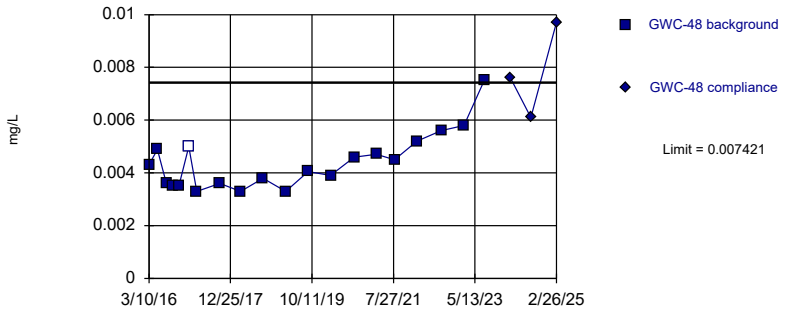
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 70% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004398, Std. Dev.=0.001068, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8768, critical = 0.868. Kappa = 2.832 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

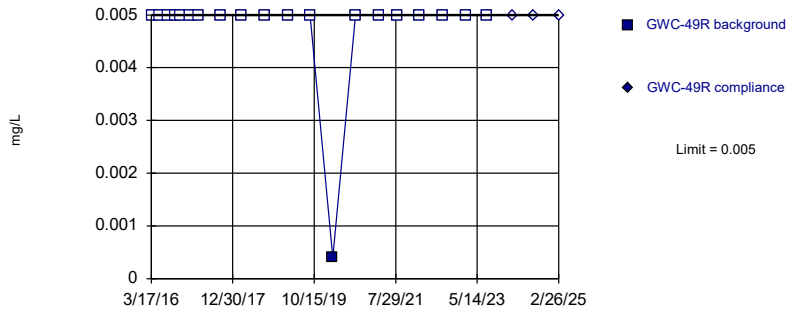
Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

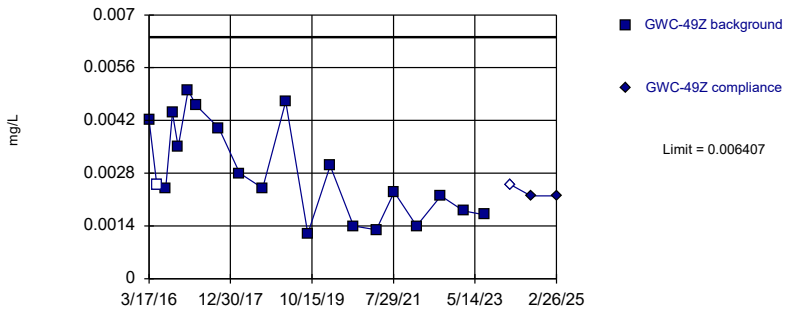
Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00284, Std. Dev.=0.001259, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9158, critical = 0.868. Kappa = 2.832 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

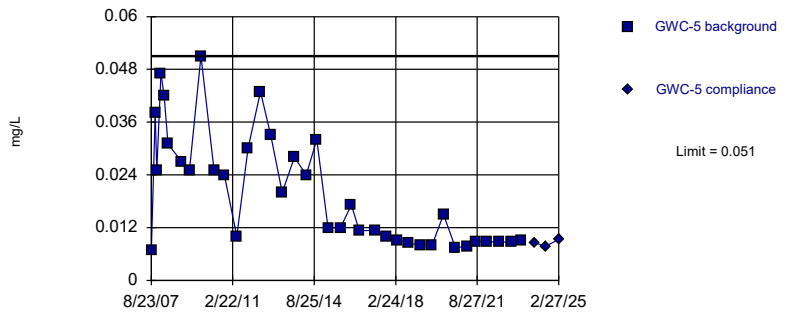
Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

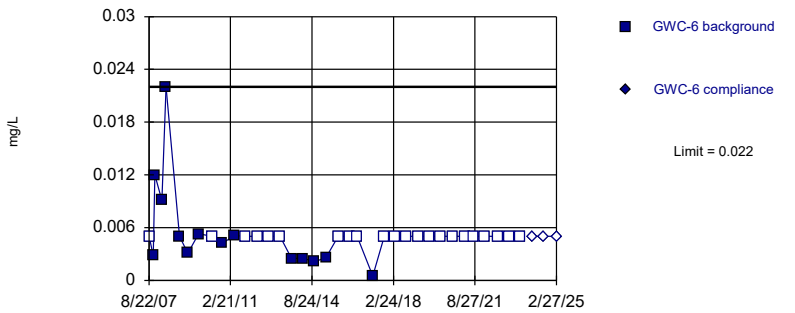
Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



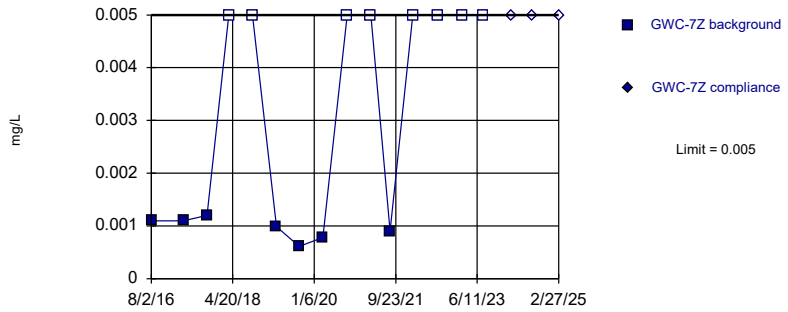
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 61.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



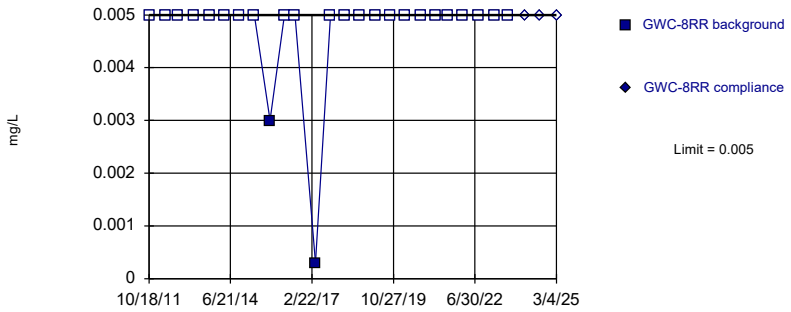
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 53.33% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



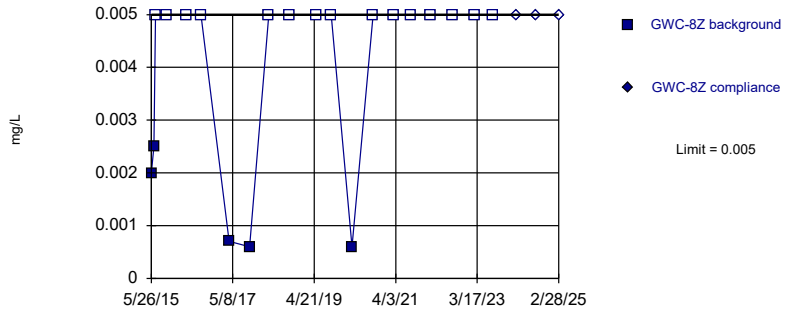
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



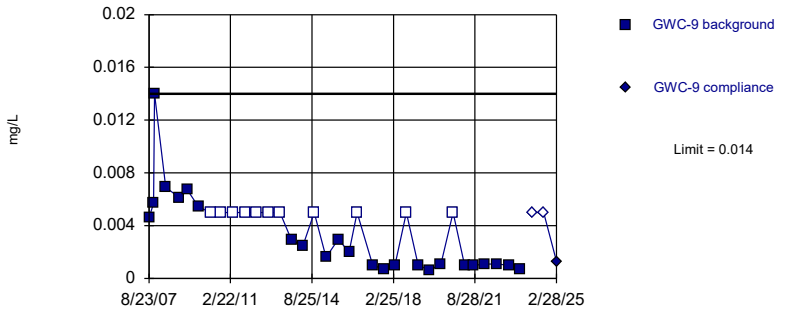
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 75% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



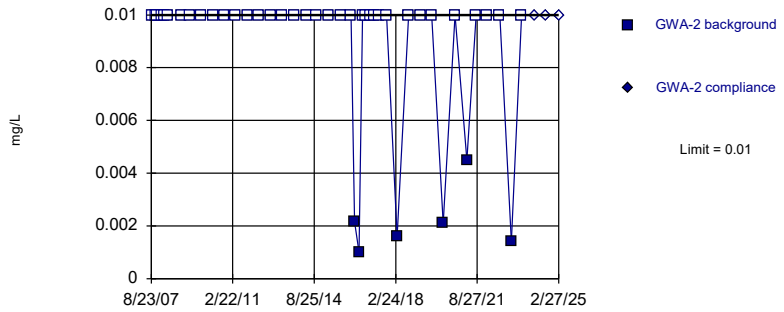
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 35 background values. 31.43% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Nickel Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



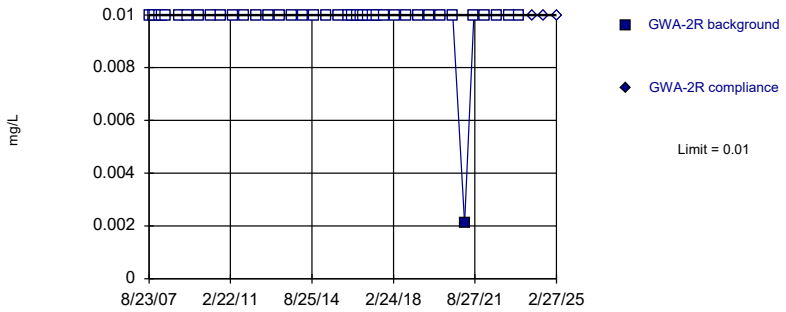
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Selenium Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



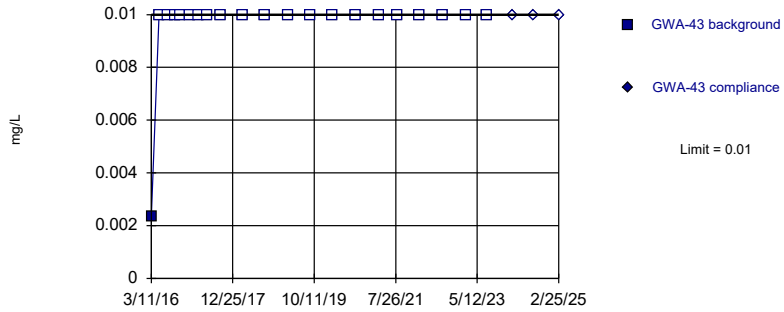
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Selenium Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



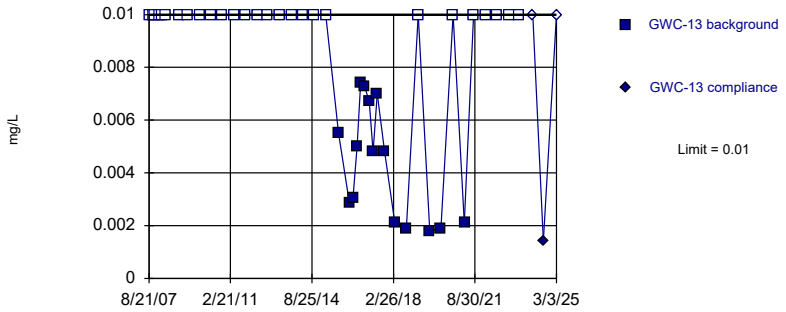
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 64.29% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

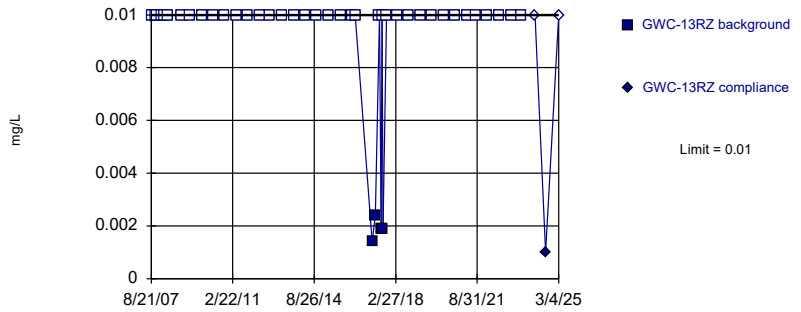
Constituent: Selenium Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

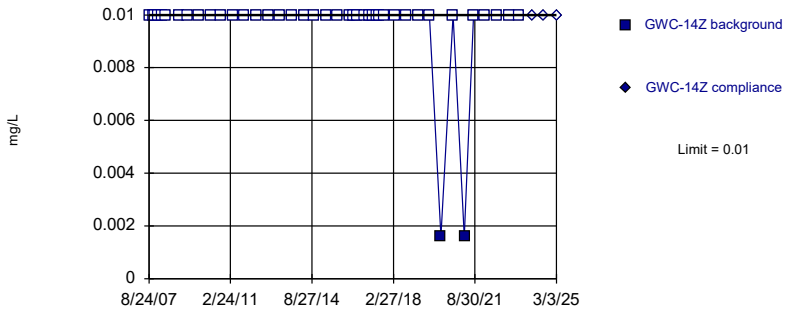
Constituent: Selenium Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

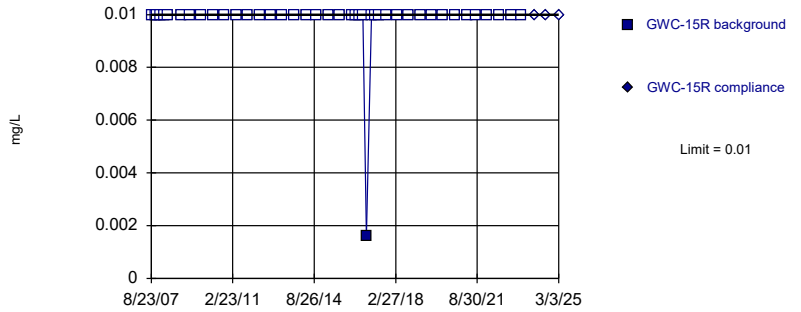
Constituent: Selenium Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

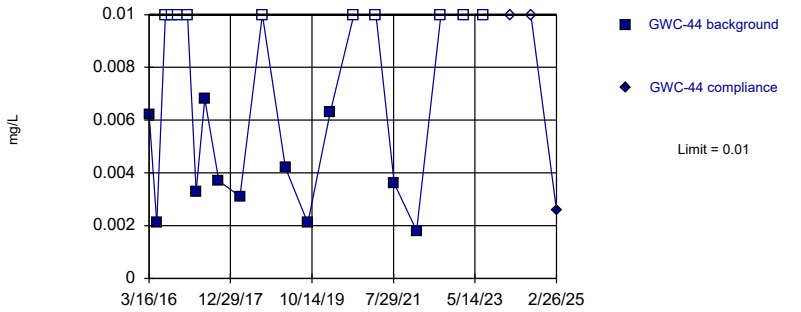
Constituent: Selenium Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



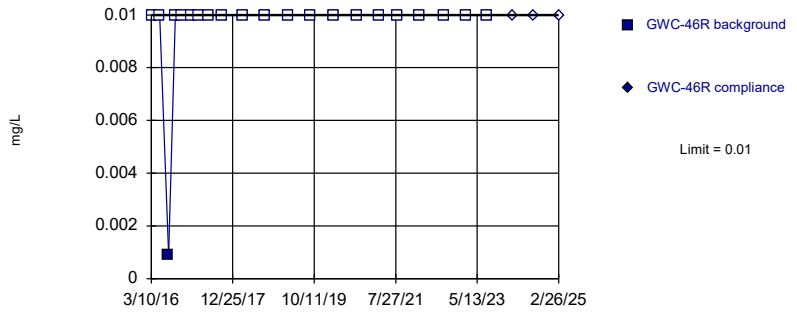
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 47.62% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



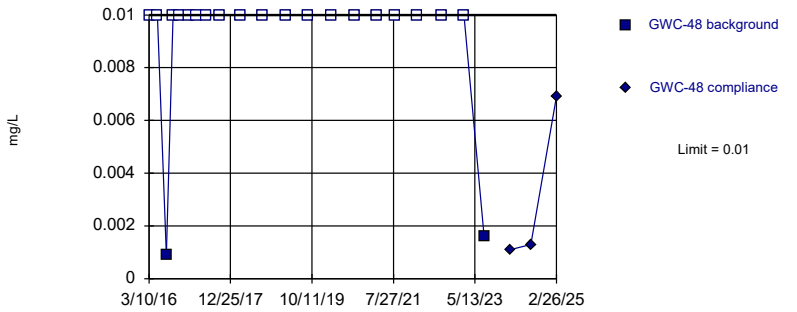
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



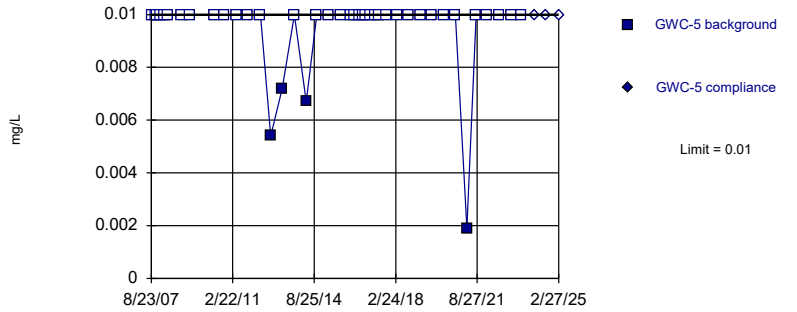
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



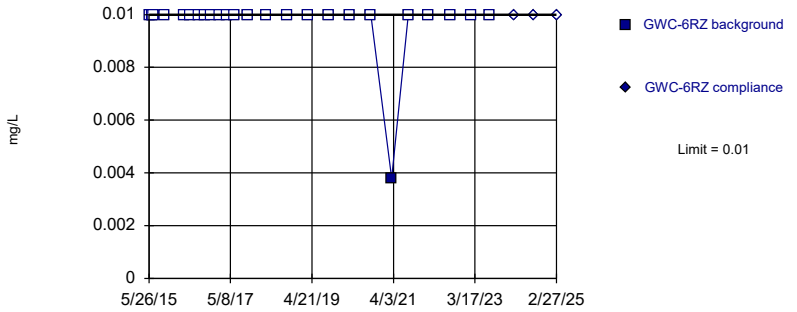
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 90.24% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Selenium Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

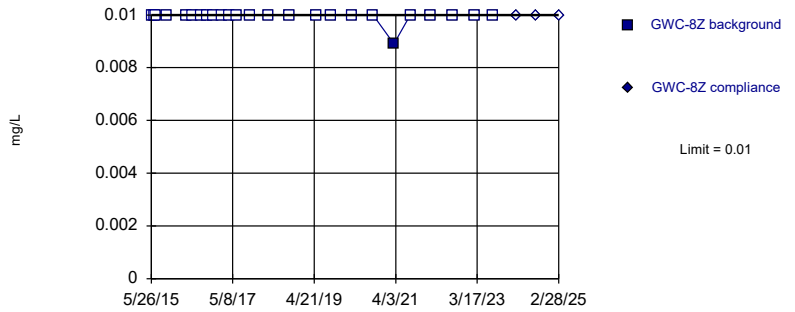
Constituent: Selenium Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

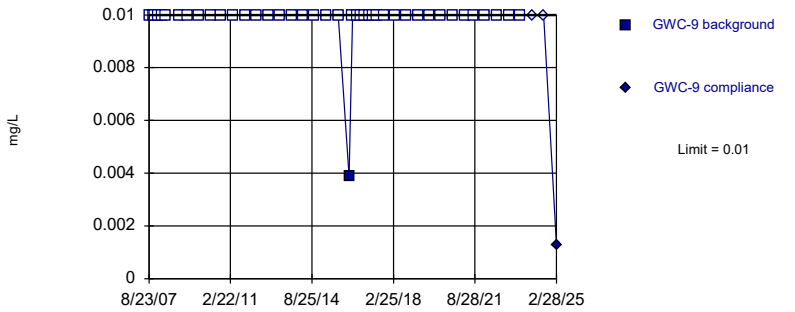
Constituent: Selenium Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

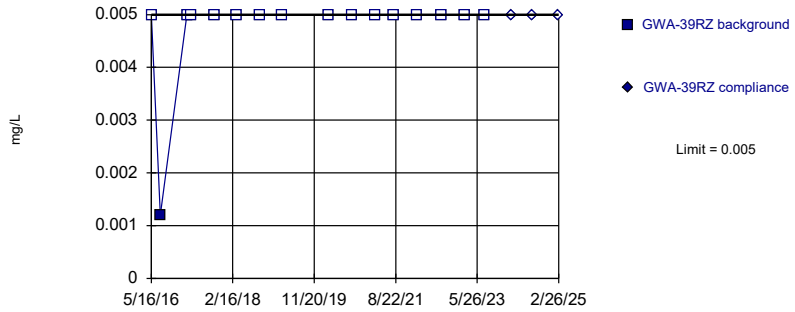
Constituent: Selenium Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

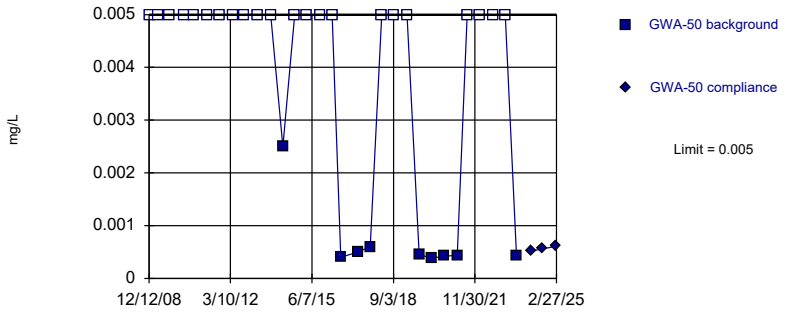
Constituent: Silver Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



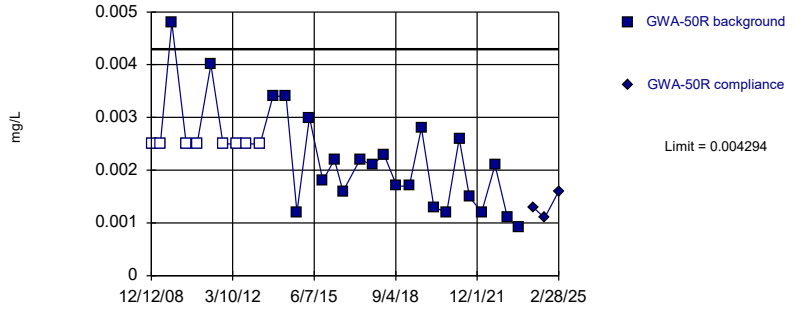
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 70.97% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Silver Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



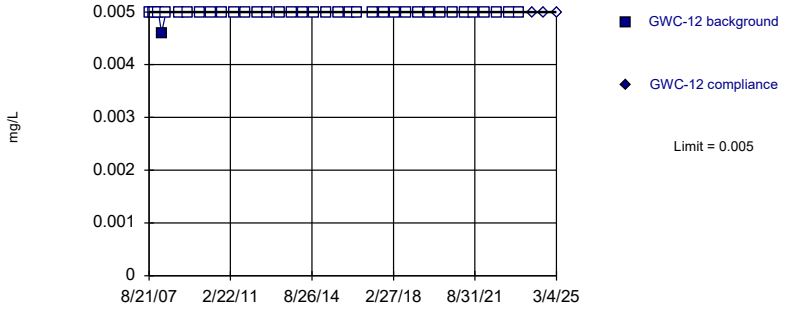
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001858, Std. Dev.=0.0009348, n=31, 25.81% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9337, critical = 0.902. Kappa = 2.606 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Silver Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



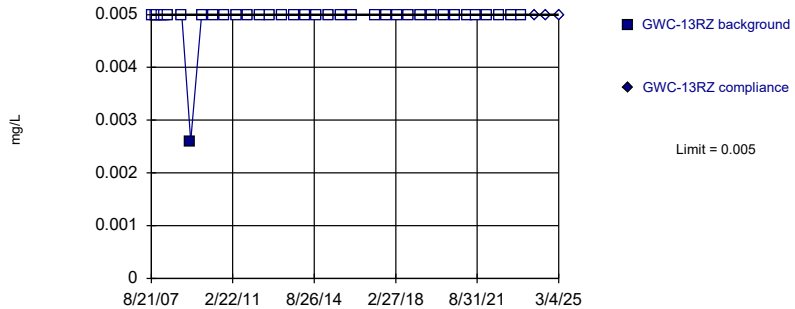
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Silver Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



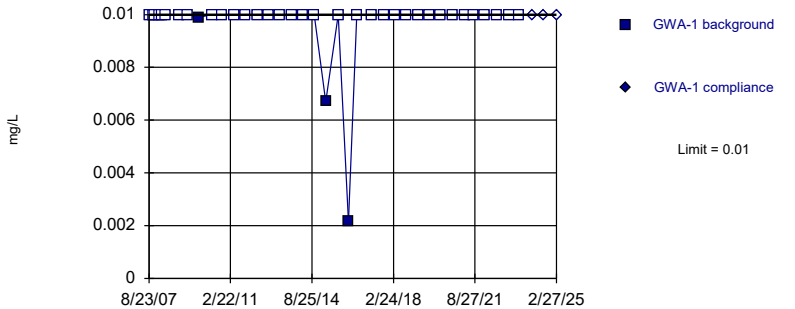
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Silver Analysis Run 6/23/2025 2:12 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



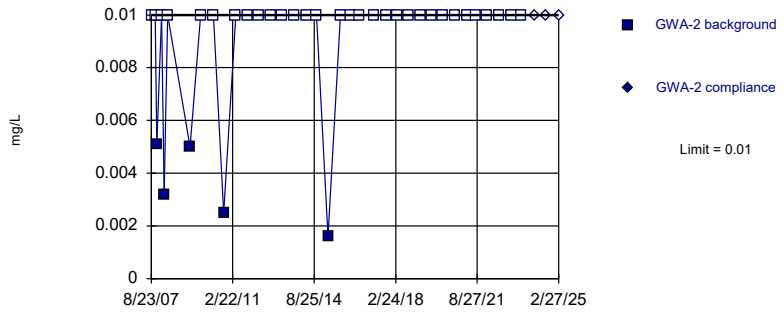
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



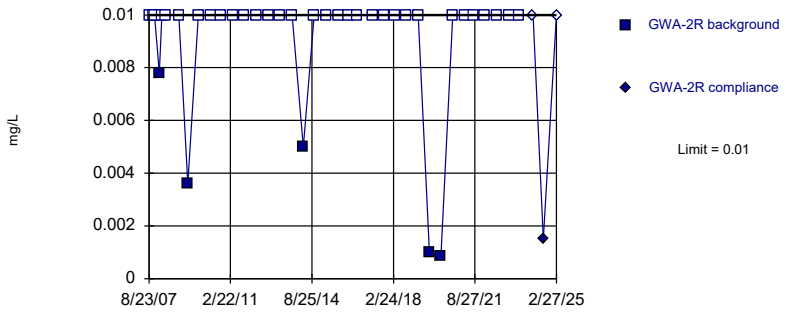
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



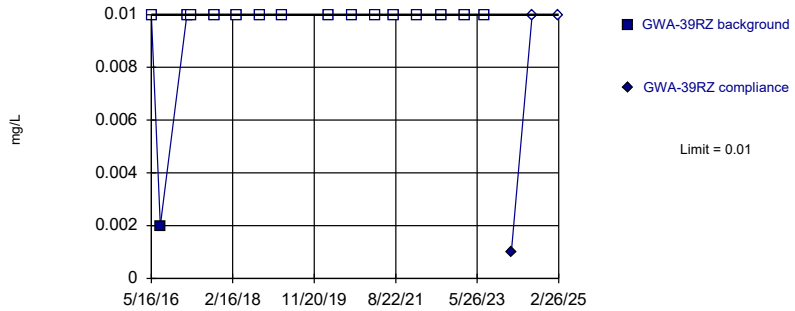
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



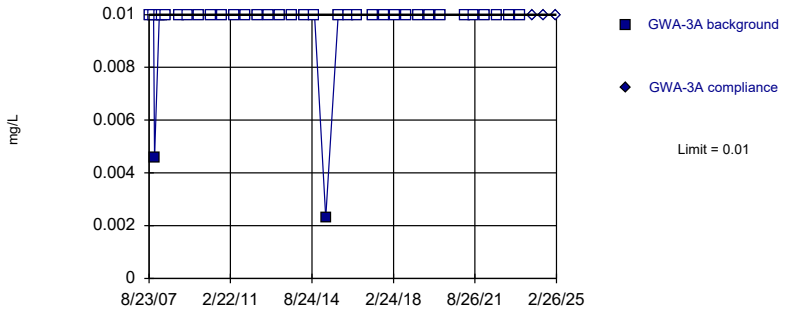
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

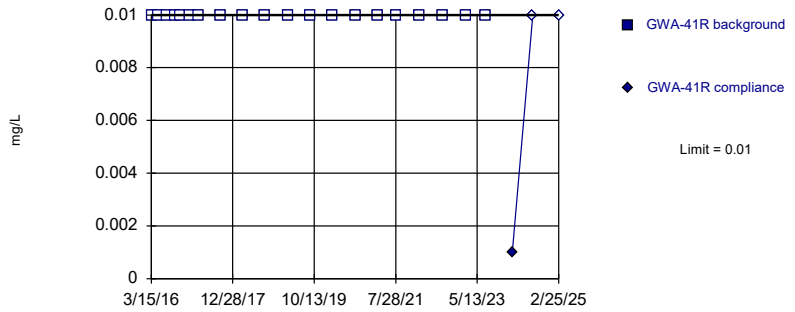
Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

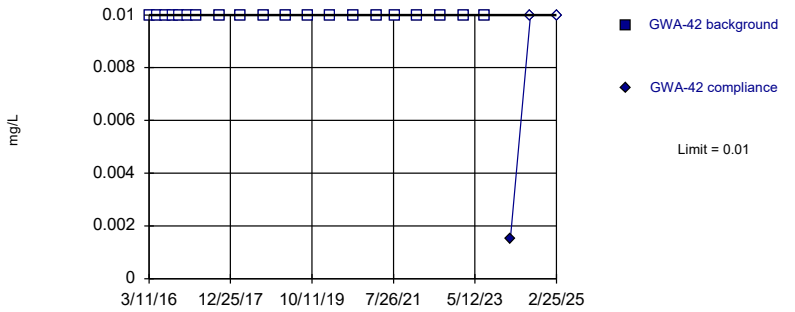
Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

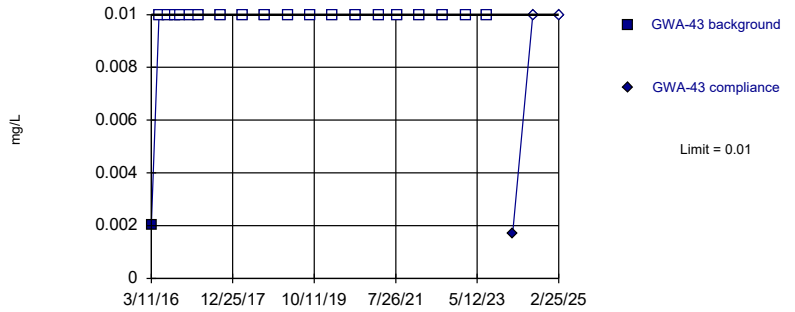
Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

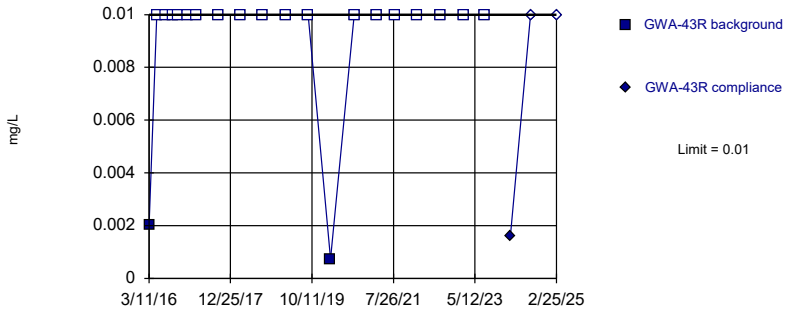
Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

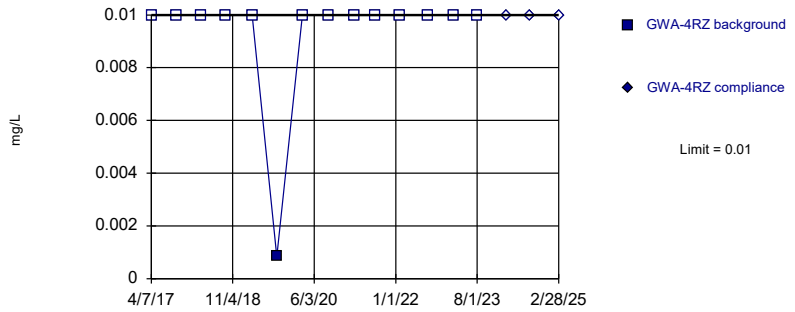
Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

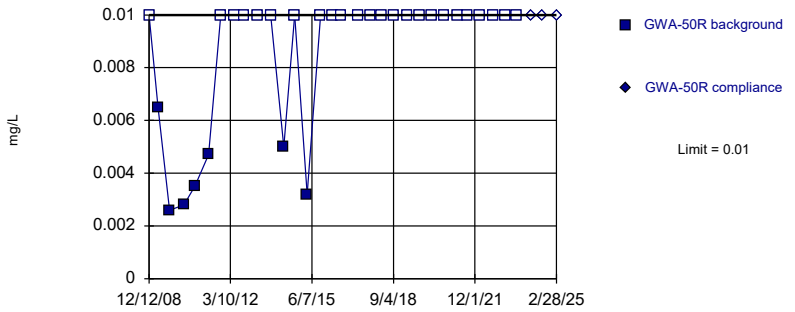
Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 77.42% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

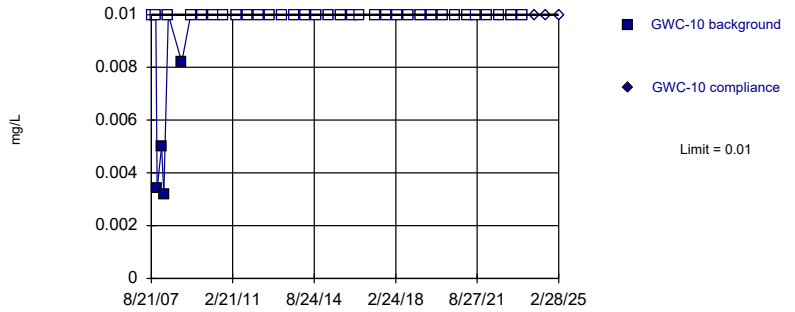
Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

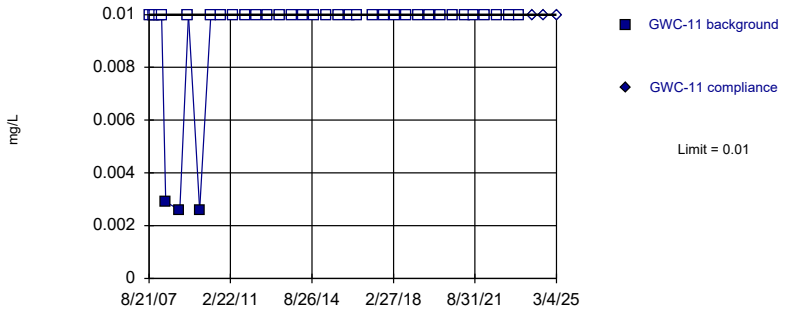
Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

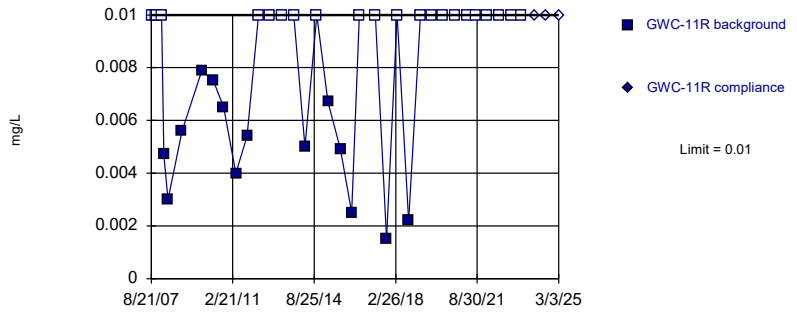
Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 61.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

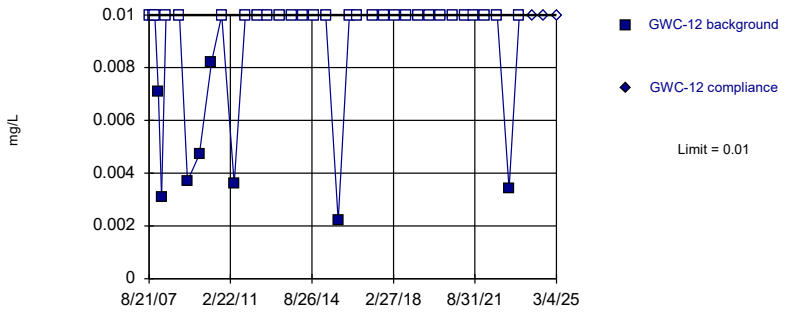
Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 78.38% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

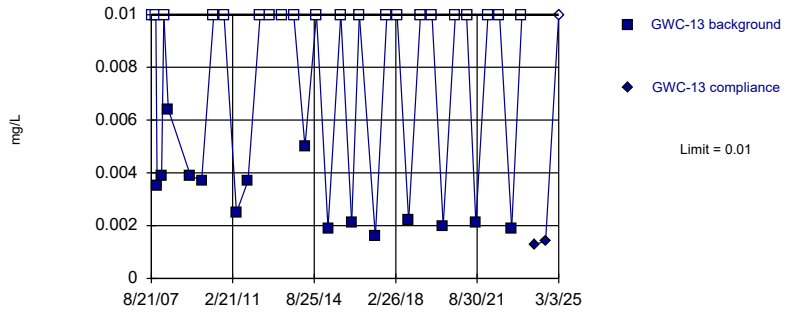
Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 58.33% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

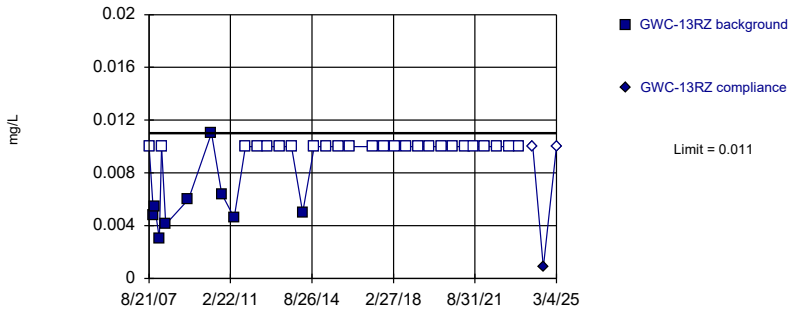
Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 73.53% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

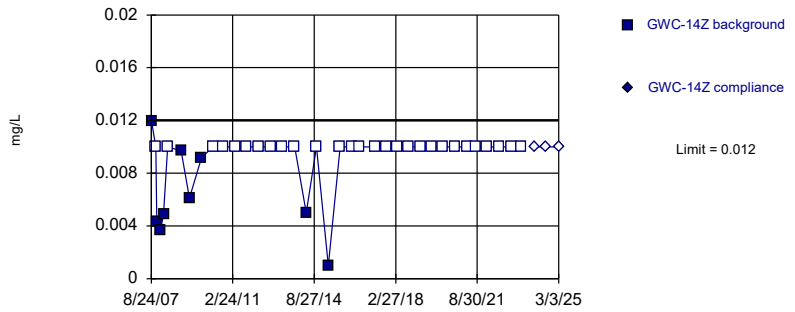
Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 75.68% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

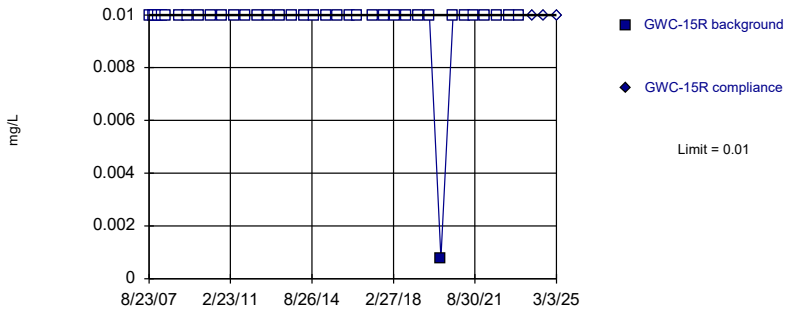
Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

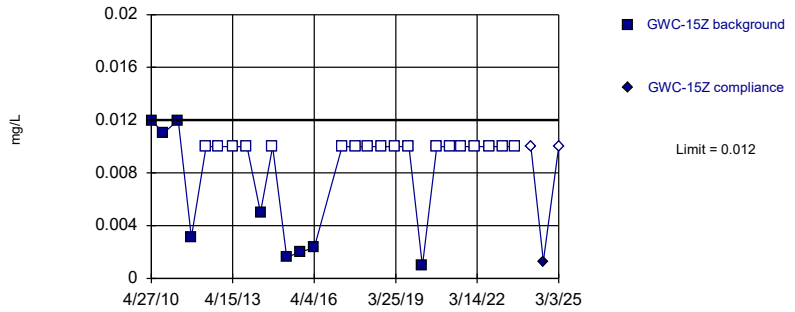
Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

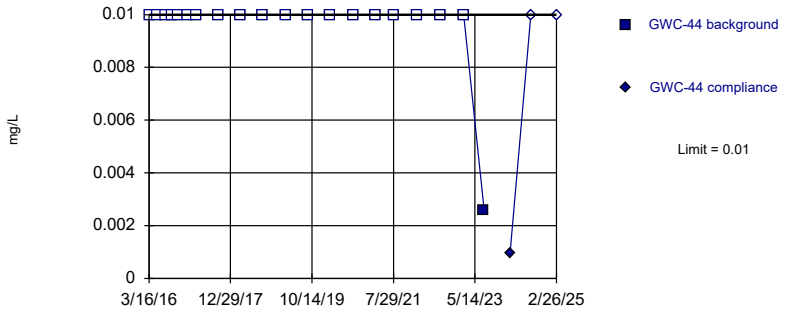
Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



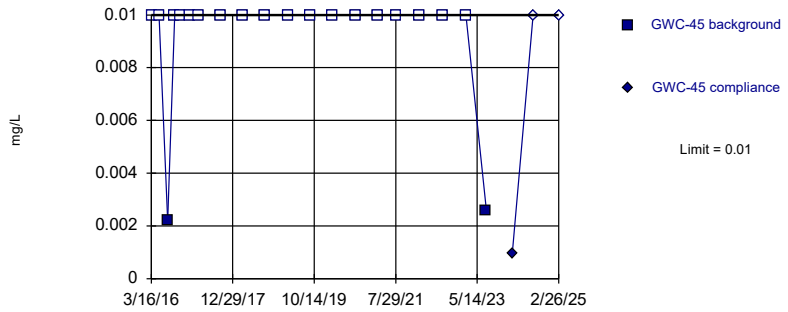
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



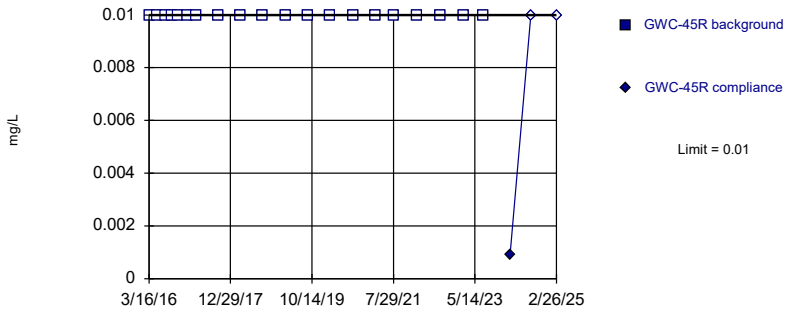
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



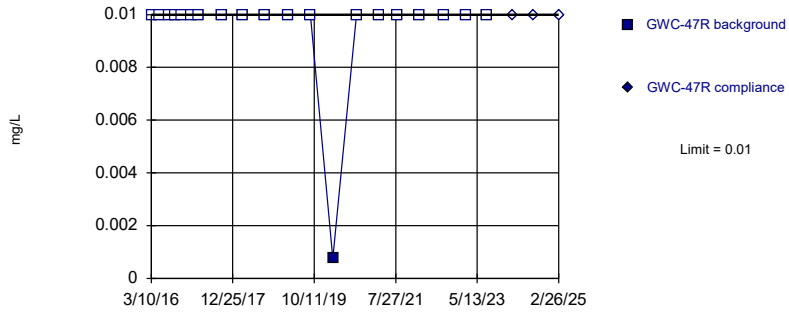
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



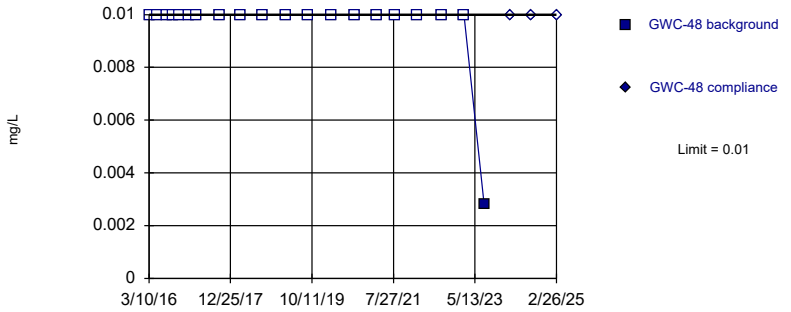
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



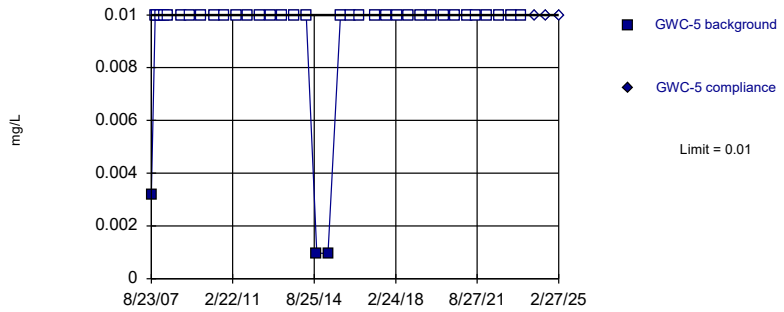
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



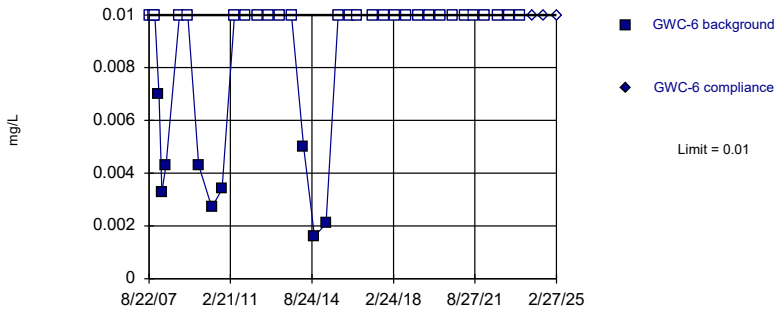
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



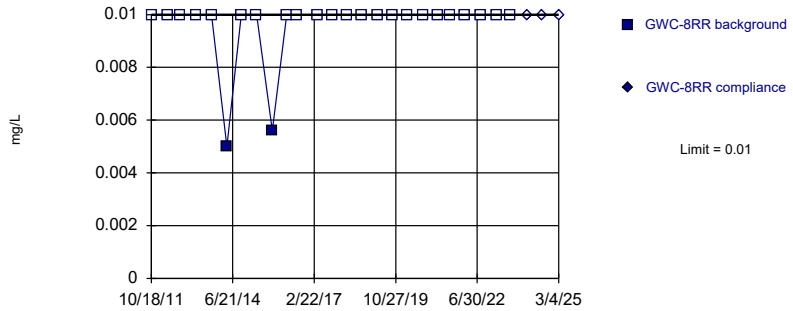
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 75.68% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



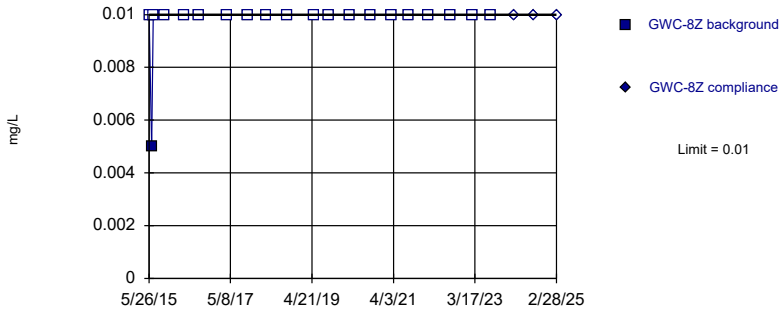
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



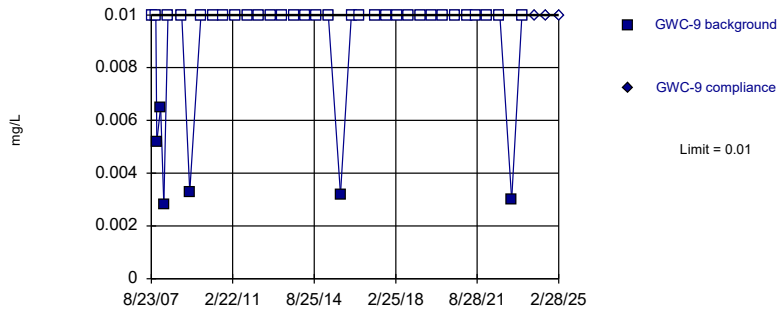
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



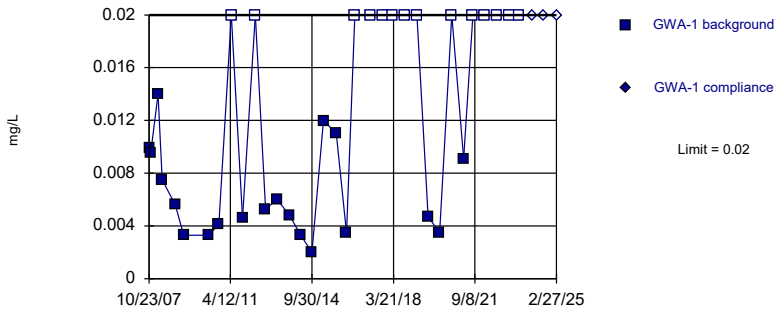
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Vanadium Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



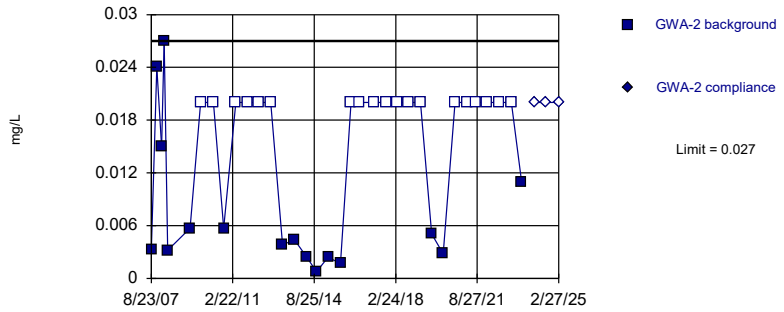
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. 41.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Zinc Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



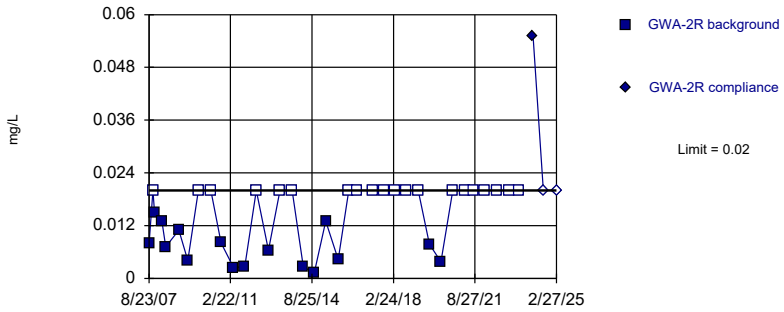
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 54.29% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Zinc Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



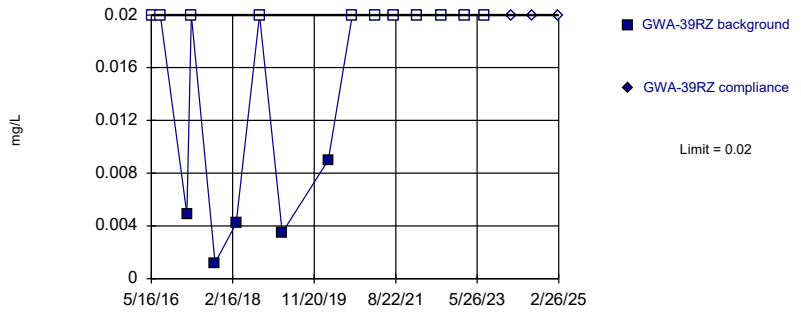
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 55.56% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Zinc Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



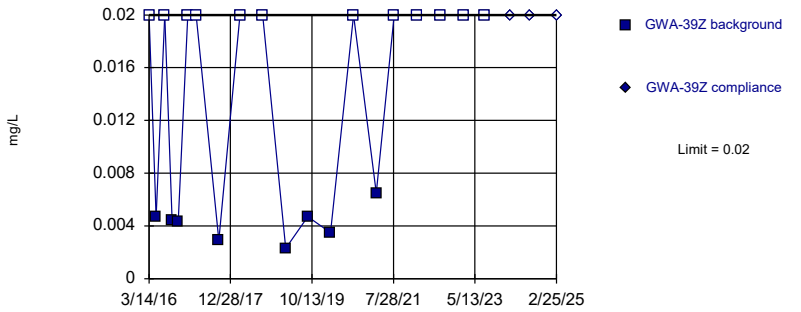
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



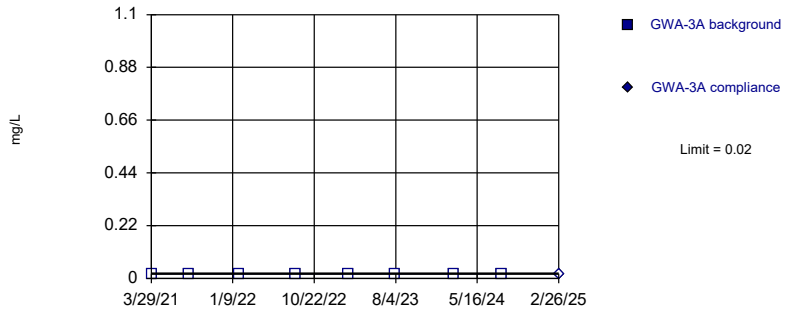
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 60% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Zinc Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



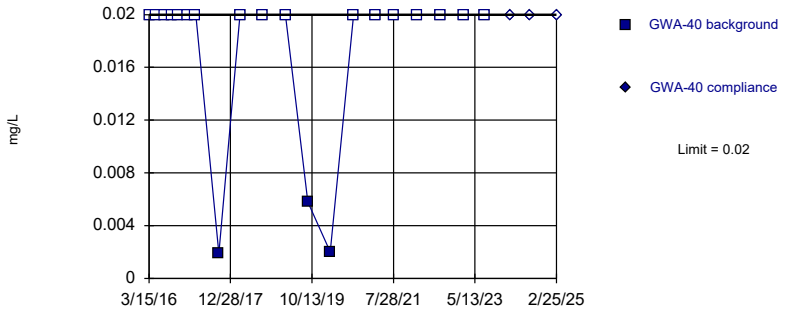
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Zinc Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 85% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

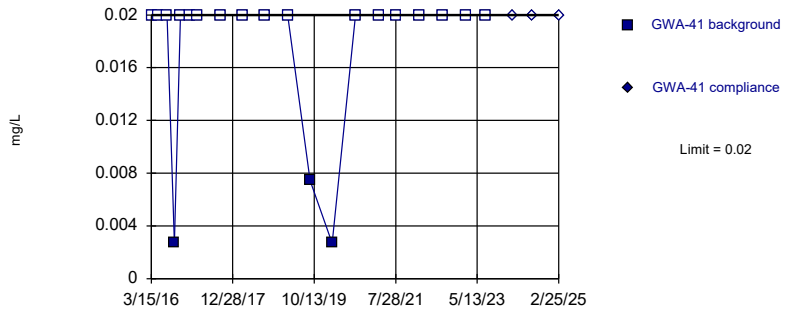
Constituent: Zinc Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 85% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

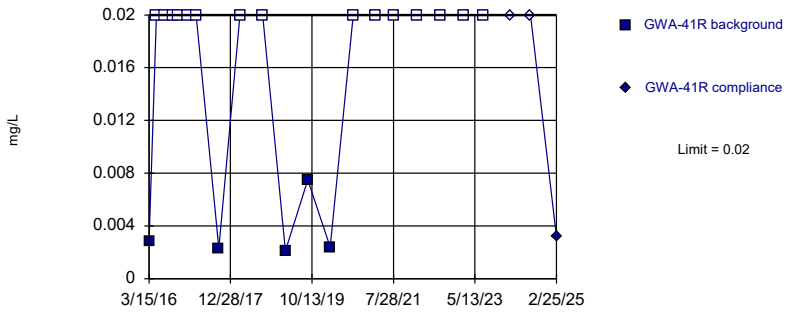
Constituent: Zinc Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 75% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

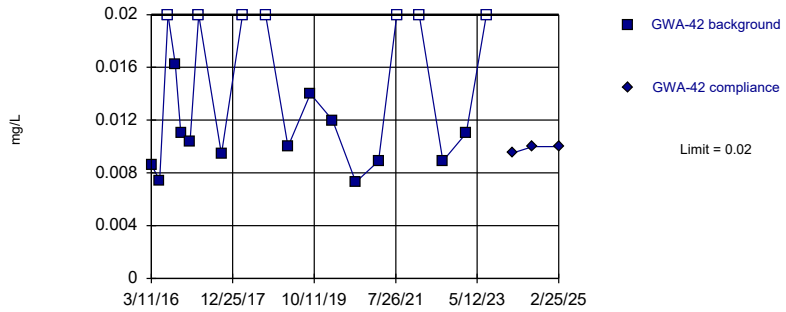
Constituent: Zinc Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 35% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

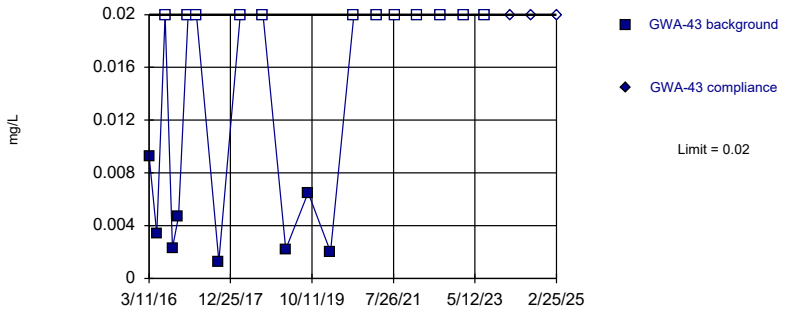
Constituent: Zinc Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 60% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

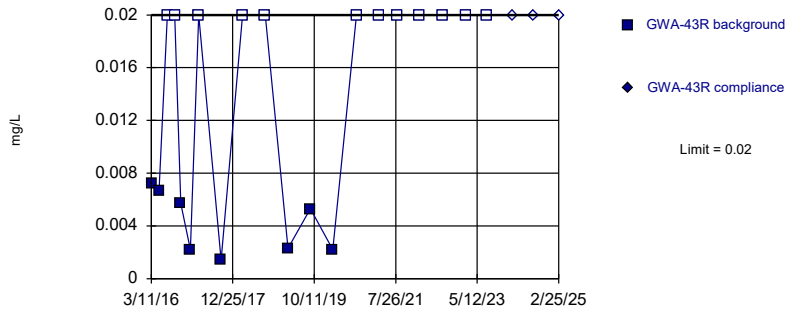
Constituent: Zinc Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 60% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

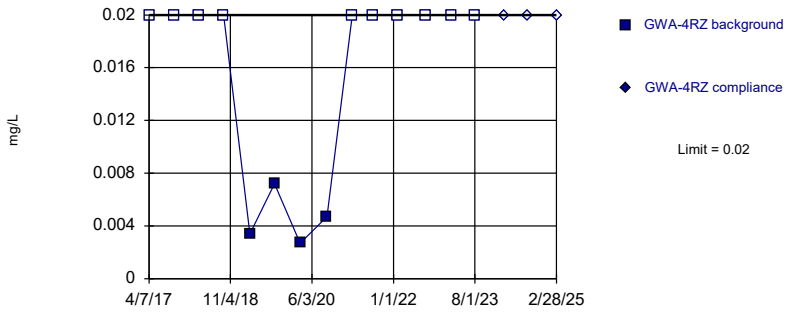
Constituent: Zinc Analysis Run 6/23/2025 2:13 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

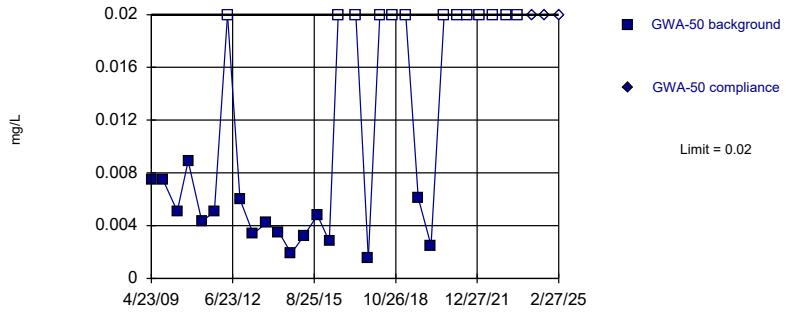
Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. 43.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

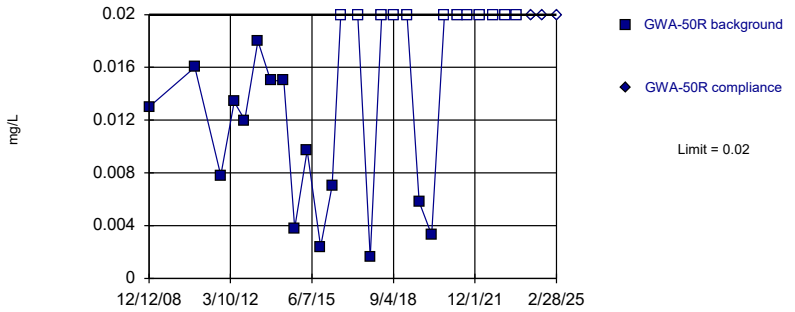
Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. 44.44% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

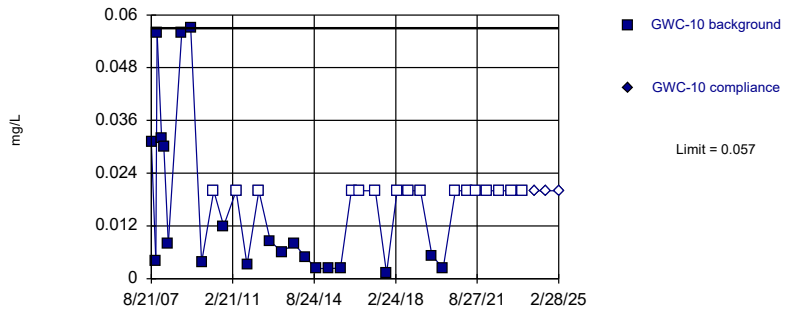
Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 43.24% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

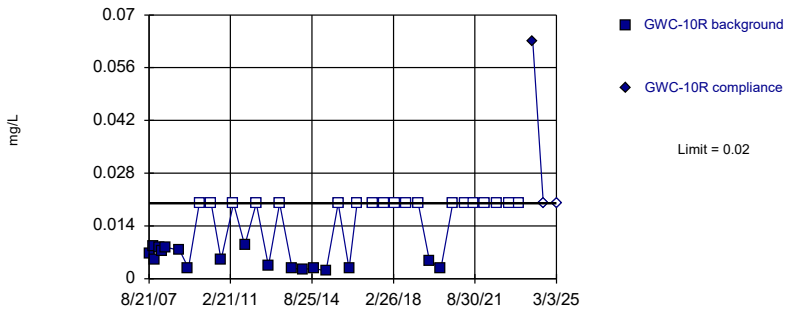
Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 51.35% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

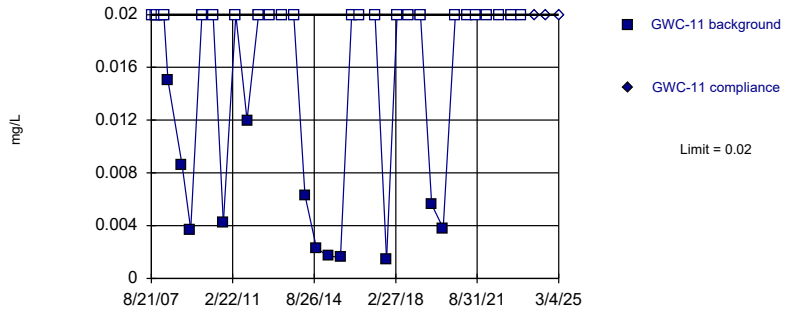
Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 67.57% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

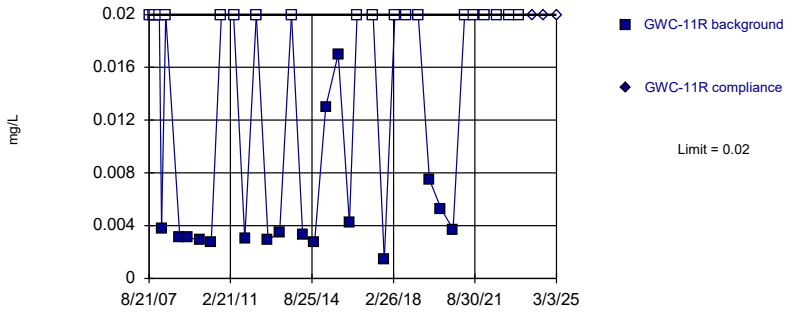
Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



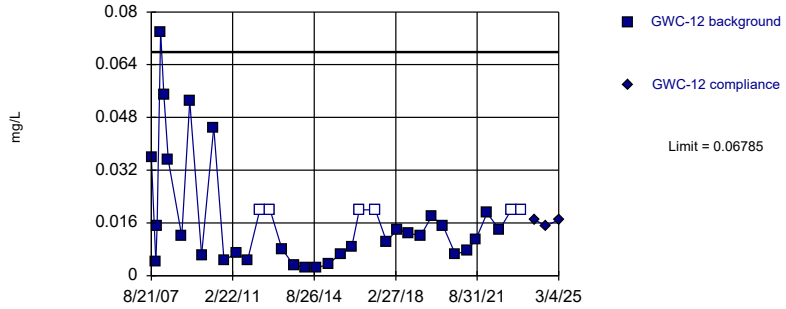
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 54.05% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



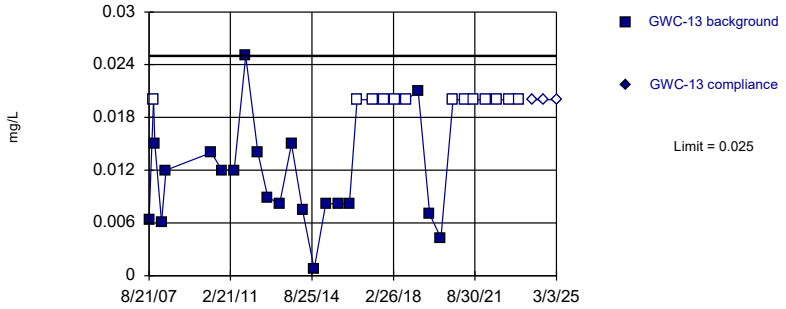
Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.2228, Std. Dev.=0.07267, n=37, 16.22% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9435, critical = 0.914. Kappa = 2.546 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



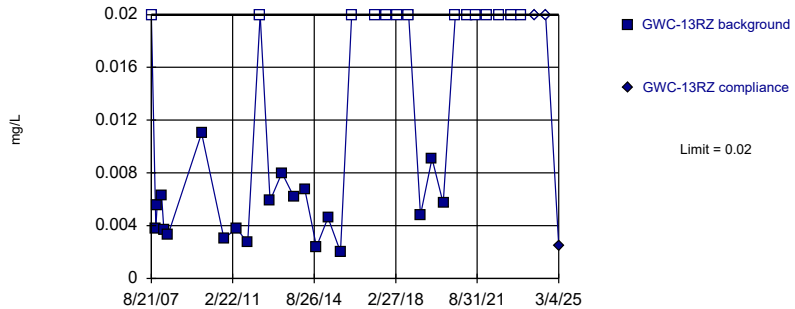
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 39.39% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



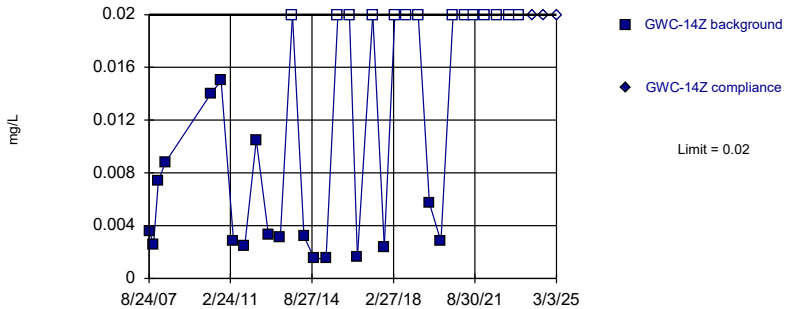
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 42.42% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 43.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

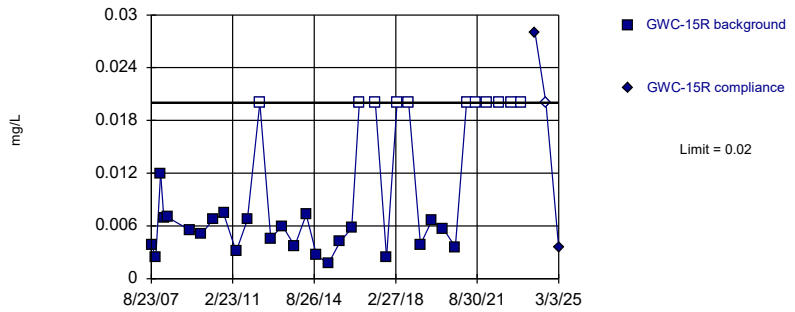
Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 35 background values. 31.43% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

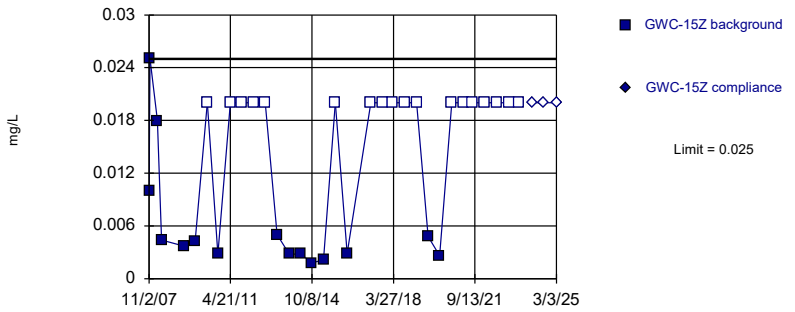
Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 54.55% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

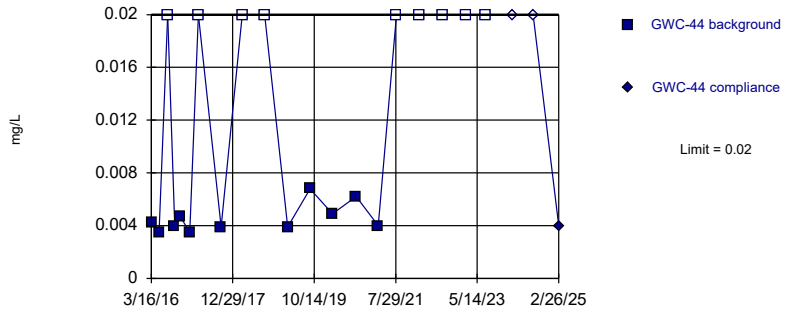
Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 45% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

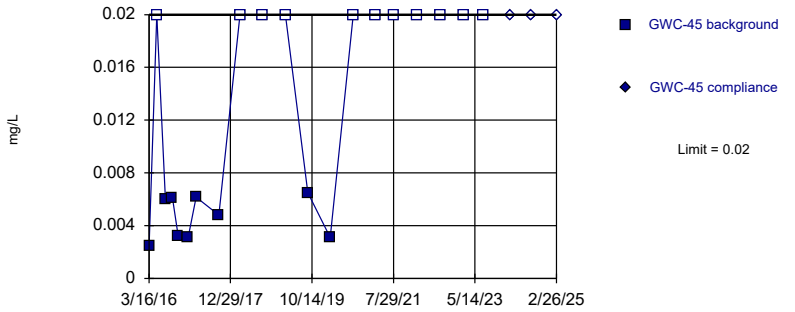
Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 55% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

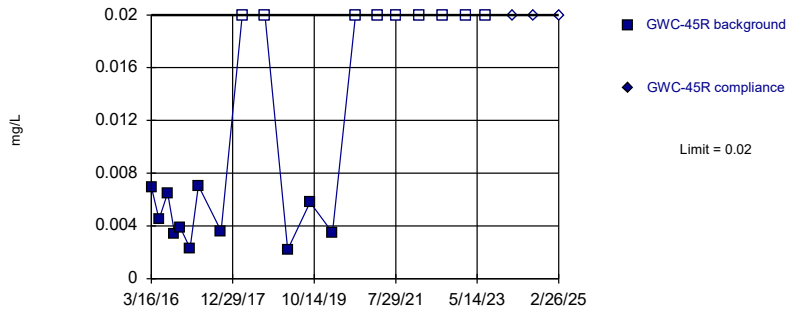
Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 45% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

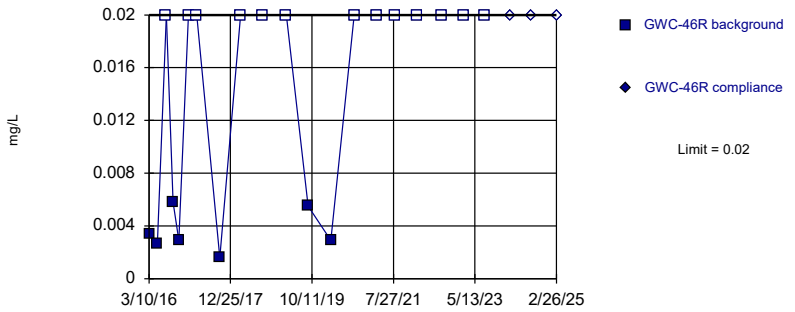
Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 65% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

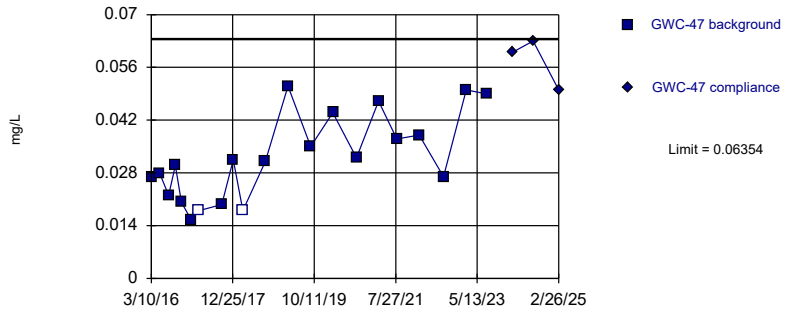
Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03194, Std. Dev.=0.01127, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9375, critical = 0.873. Kappa = 2.805 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

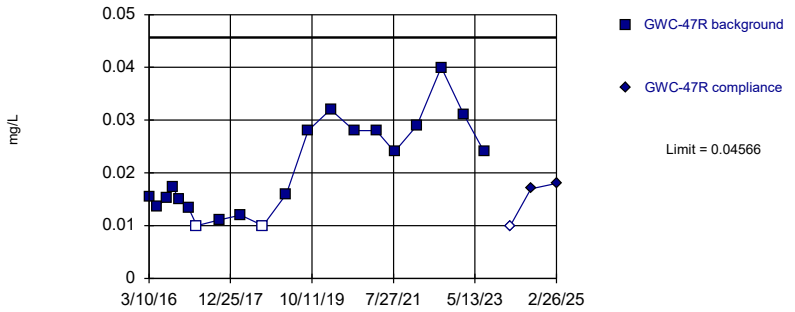
Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02065, Std. Dev.=0.008831, n=20, 10% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9052, critical = 0.868. Kappa = 2.832 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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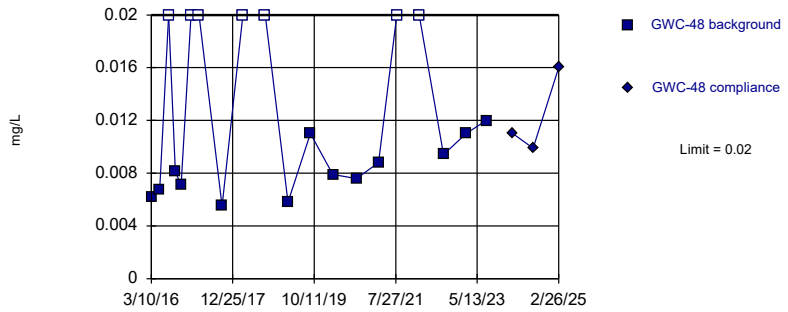
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 35% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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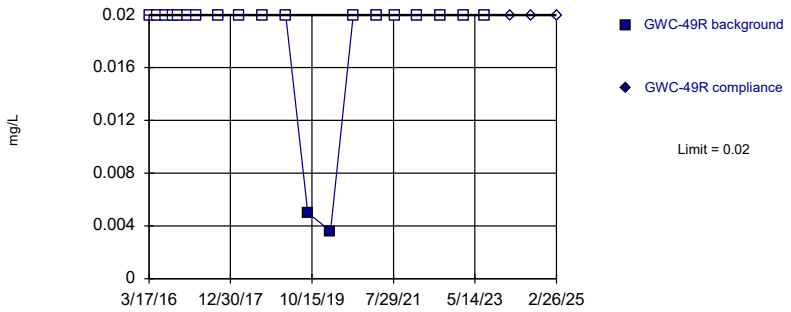
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



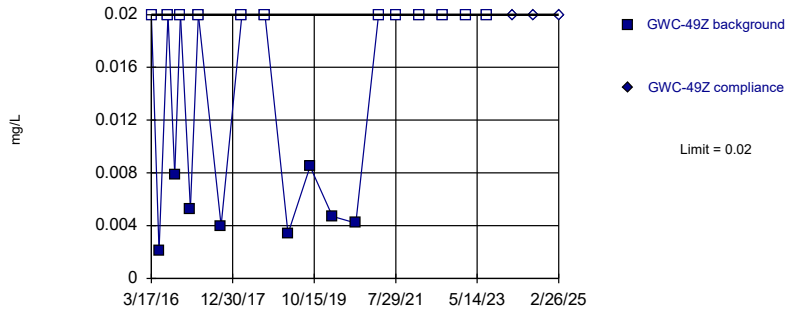
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



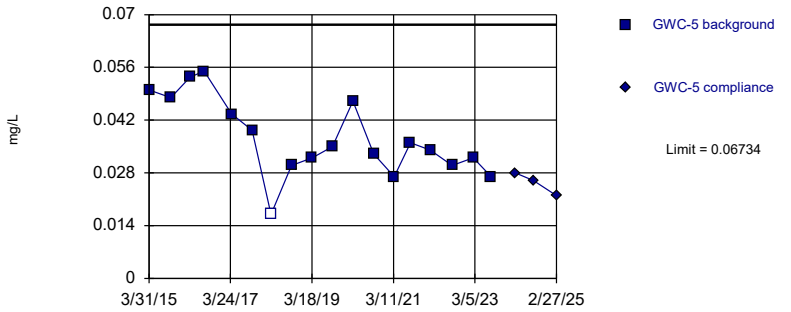
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 60% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



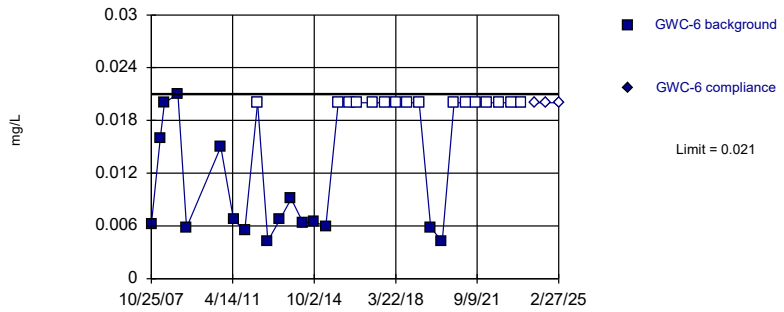
Background Data Summary: Mean=0.03718, Std. Dev.=0.01032, n=18, 5.556% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9537, critical = 0.897. Kappa = 2.923 (c=16, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001266.

Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 32 background values. 50% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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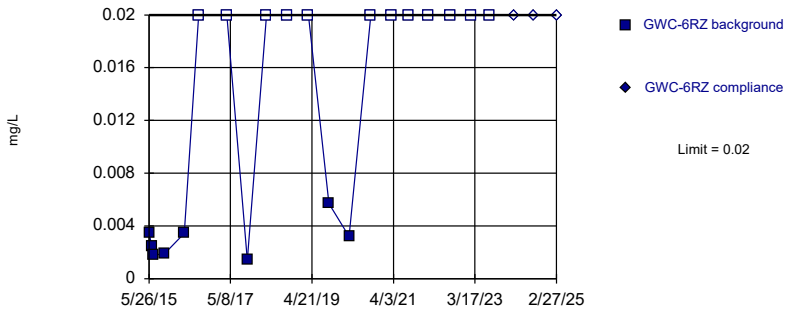
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



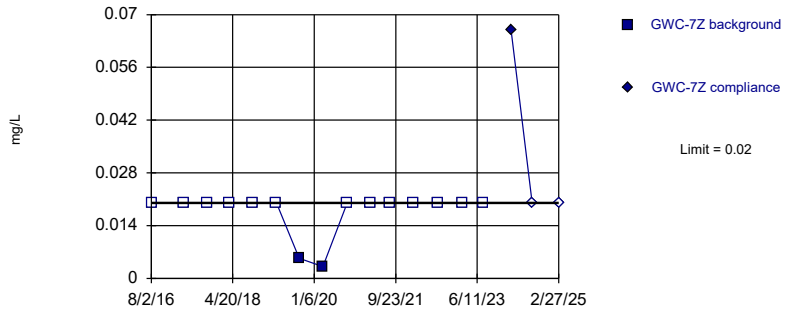
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 60% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



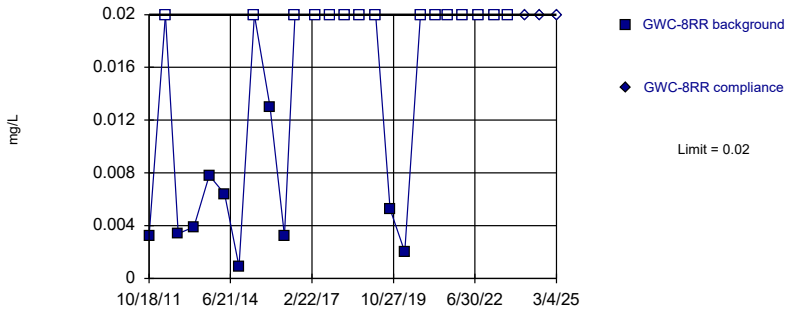
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 60% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

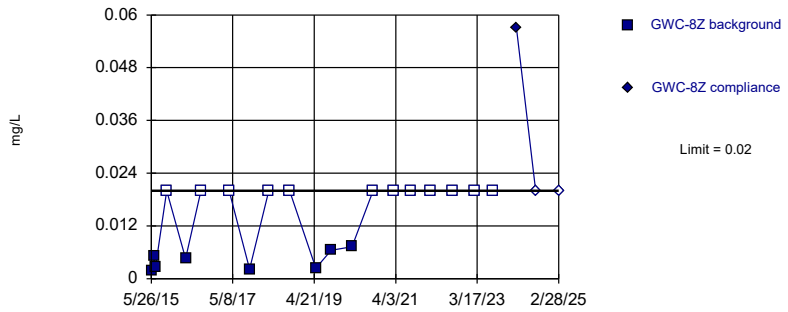
Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 60% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

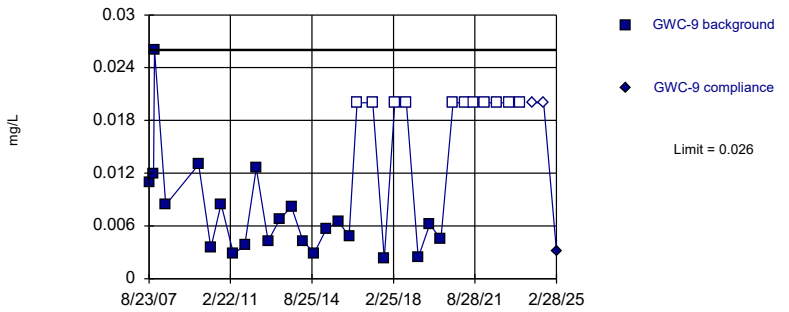
Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 6/23/2025 2:14 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.003	
10/23/2007	<0.003	
11/18/2007	<0.003	
1/30/2008	<0.003	
3/10/2008	<0.003	
5/13/2008	<0.003	
12/5/2008	<0.003	
4/15/2009	<0.003	
10/7/2009	<0.003	
5/3/2010	<0.003	
10/12/2010	<0.003	
4/27/2011	<0.003	
10/17/2011	0.0054	
5/2/2012	<0.003	
10/8/2012	<0.003	
4/12/2013	0.0058	
10/16/2013	0.01	
4/11/2014	0.005 (J)	
9/30/2014	0.0068	
3/30/2015	0.0074	
10/13/2015	0.017	
3/22/2016	0.00567	
5/19/2016	0.00319	
7/29/2016	0.0025 (J)	
9/23/2016	0.0051	
11/9/2016	0.0097 (J)	
1/30/2017	0.0032	
3/30/2017	0.0028 (J)	
6/9/2017	<0.003	
10/2/2017	0.0014 (J)	
3/16/2018	0.0014 (J)	
9/17/2018	0.00105 (JD)	
3/20/2019	<0.003	
9/12/2019	0.0037	
3/11/2020	0.00079 (J)	
9/15/2020	0.0061	
3/16/2021	0.0014 (J)	
8/9/2021	0.0027 (J)	
2/1/2022	0.0028 (J)	
8/16/2022	0.0084	
2/16/2023	0.016	
7/27/2023	0.011	
2/22/2024		0.0014 (J)
8/7/2024		0.0028 (J)
2/27/2025		0.00062 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.003	
10/24/2007	<0.003	
11/18/2007	<0.003	
1/31/2008	<0.003	
3/10/2008	<0.003	
5/13/2008	<0.003	
12/4/2008	<0.003	
4/21/2009	<0.003	
10/8/2009	<0.003	
4/21/2010	<0.003	
9/28/2010	<0.003	
4/12/2011	<0.003	
10/4/2011	<0.003	
4/3/2012	0.0053	
10/9/2012	<0.003	
4/11/2013	0.0075	
10/16/2013	<0.003	
4/10/2014	0.0081	
9/30/2014	0.0022 (J)	
3/30/2015	0.011	
10/13/2015	0.0045 (J)	
3/23/2016	0.00281 (J)	
5/19/2016	0.00264 (J)	
7/29/2016	0.0069	
9/22/2016	0.0066	
11/10/2016	<0.003	
1/31/2017	0.0064	
4/3/2017	0.0049	
6/9/2017	<0.003	
10/2/2017	0.0045	
3/16/2018	0.021 (O)	
9/14/2018	0.0054	
3/19/2019	0.0019 (J)	
9/13/2019	0.0044	
3/11/2020	0.002 (J)	
9/15/2020	0.0037	
3/16/2021	0.005	
8/9/2021	0.0033	
2/1/2022	0.0029 (J)	
8/16/2022	0.002 (J)	
2/16/2023	0.0048	
7/27/2023	0.0095	
2/26/2024		0.0019 (J)
8/6/2024		0.0021 (J)
2/27/2025		0.0042

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.003 (D)	
7/27/2016	0.0003 (JD)	
2/21/2017	0.0057	
3/27/2017	0.0013 (JD)	
6/8/2017	<0.003 (*)	
7/17/2017	0.005 (D)	
7/27/2017	0.0033	
8/9/2017	0.0012 (J)	
9/29/2017	0.0013 (JD)	
3/16/2018	0.0078	
9/14/2018	0.0056	
3/14/2019	0.014 (O)	
3/9/2020	0.0013 (J)	
9/16/2020	0.0028 (J)	
3/16/2021	0.00041 (J)	
8/6/2021	<0.003	
2/2/2022	<0.003	
8/16/2022	0.001 (J)	
2/14/2023	0.0019 (J)	
7/25/2023	<0.003	
2/19/2024		0.0016 (J)
8/1/2024		0.00097 (J)
2/26/2025		0.0022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.003	
5/11/2016	0.000839 (J)	
7/19/2016	0.0024 (J)	
9/15/2016	0.0009 (J)	
11/2/2016	0.001 (J)	
1/18/2017	0.0017 (J)	
3/28/2017	0.0006 (J)	
6/7/2017	0.0003 (J)	
9/26/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/15/2019	<0.003	
9/9/2019	0.00079 (J)	
3/9/2020	0.0011 (J)	
9/10/2020	0.0003 (J)	
3/12/2021	0.0039	
8/4/2021	0.00083 (J)	
1/31/2022	<0.003	
8/10/2022	<0.003	
2/13/2023	0.00087 (J)	
7/26/2023	0.0028 (J)	
2/19/2024		0.00081 (J)
8/1/2024		<0.003
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	<0.003	
11/2/2007	<0.003	
11/18/2007	<0.003	
1/31/2008	<0.003	
3/11/2008	<0.003	
5/14/2008	<0.003	
12/5/2008	<0.003	
4/15/2009	<0.003	
10/8/2009	<0.003	
4/28/2010	<0.003	
10/6/2010	<0.003	
4/21/2011	<0.003	
10/13/2011	<0.003	
5/1/2012	<0.003	
10/9/2012	<0.003	
4/11/2013	<0.003	
10/16/2013	<0.003	
4/23/2014	<0.003	
10/4/2014	0.0031 (J)	
3/31/2015	0.0068	
10/12/2015	<0.003	
3/23/2016	0.0035	
5/23/2016	<0.003	
7/29/2016	0.0029 (J)	
9/22/2016	0.0041	
11/10/2016	0.0048 (J)	
1/31/2017	<0.003	
3/30/2017	0.001 (J)	
6/12/2017	<0.003	
10/4/2017	0.0009 (J)	
3/19/2018	0.0019 (J)	
9/17/2018	0.0011 (J)	
3/20/2019	0.0019 (J)	
9/13/2019	0.0013 (J)	
3/11/2020	0.0045	
3/29/2021	<0.003	
8/9/2021	<0.003	
2/2/2022	<0.003	
8/16/2022	<0.003	
2/17/2023	<0.003	
8/1/2023	<0.003	
2/22/2024		<0.003
8/8/2024		<0.003
2/26/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.003	
5/11/2016	<0.003	
7/21/2016	<0.003	
9/15/2016	<0.003	
11/3/2016	0.0021 (J)	
1/17/2017	<0.003	
3/24/2017	<0.003	
5/24/2017	<0.003	
9/26/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/13/2019	<0.003	
9/9/2019	<0.003	
3/9/2020	<0.003	
9/11/2020	<0.003	
3/10/2021	<0.003	
8/4/2021	<0.003	
1/31/2022	0.0014 (J)	
8/12/2022	<0.003	
2/13/2023	<0.003	
7/26/2023	<0.003	
2/19/2024		<0.003
8/1/2024		<0.003
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.003	
5/12/2016	<0.003	
7/20/2016	<0.003	
9/15/2016	<0.003	
11/3/2016	<0.003	
1/18/2017	<0.003	
3/24/2017	<0.003	
6/6/2017	<0.003	
9/25/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/14/2019	<0.003	
9/10/2019	<0.003 (D)	
3/6/2020	<0.003	
9/10/2020	<0.003	
3/11/2021	0.00038 (J)	
8/4/2021	<0.003	
1/31/2022	<0.003	
8/11/2022	<0.003	
2/13/2023	<0.003	
7/25/2023	0.0029 (J)	
2/19/2024		<0.003
8/1/2024		<0.003
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.003	
5/13/2016	<0.003	
7/21/2016	<0.003 (*)	
9/21/2016	<0.003	
11/3/2016	<0.003	
1/17/2017	<0.003	
3/27/2017	0.0008 (J)	
6/6/2017	<0.003	
9/25/2017	0.0035	
3/14/2018	<0.003	
9/12/2018	0.003	
3/14/2019	<0.003	
9/10/2019	0.0029 (J)	
3/9/2020	0.0037	
9/10/2020	0.0019 (J)	
3/10/2021	0.00037 (J)	
8/4/2021	<0.003	
1/31/2022	0.0011 (J)	
8/11/2022	<0.003	
2/13/2023	0.0045	
7/25/2023	0.0021 (J)	
2/19/2024		<0.003
8/1/2024		0.00085 (J)
2/25/2025		0.0089

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.003	
5/16/2016	<0.003	
7/22/2016	0.002 (J)	
9/19/2016	<0.003	
11/3/2016	<0.003	
1/17/2017	<0.003	
3/27/2017	<0.003	
6/7/2017	<0.003	
9/26/2017	<0.003	
3/14/2018	<0.003	
9/14/2018	<0.003	
3/14/2019	<0.003	
9/10/2019	<0.003	
3/6/2020	<0.003	
9/10/2020	<0.003	
3/11/2021	<0.003	
8/4/2021	<0.003	
1/31/2022	<0.003	
8/10/2022	<0.003	
2/13/2023	<0.003	
7/26/2023	<0.003	
2/20/2024		<0.003
8/1/2024		<0.003
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.003	
5/13/2016	<0.003	
7/19/2016	<0.003 (*)	
9/16/2016	<0.003	
11/2/2016	<0.003	
1/18/2017	<0.003	
3/28/2017	<0.003	
6/6/2017	<0.003	
9/22/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/13/2019	<0.003	
9/11/2019	<0.003	
3/9/2020	0.00062 (J)	
9/11/2020	<0.003	
3/11/2021	<0.003	
8/6/2021	<0.003	
1/31/2022	<0.003	
8/11/2022	<0.003	
2/14/2023	<0.003	
7/25/2023	<0.003	
2/20/2024		<0.003
8/2/2024		<0.003
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.003	
5/13/2016	<0.003	
7/19/2016	<0.003	
9/16/2016	<0.003	
11/2/2016	<0.003	
1/18/2017	0.0013 (J)	
3/28/2017	<0.003	
6/6/2017	0.0007 (J)	
9/22/2017	0.0012 (J)	
3/15/2018	<0.003	
9/12/2018	<0.003	
3/13/2019	<0.003	
9/11/2019	0.00029 (J)	
3/9/2020	0.00037 (J)	
9/14/2020	<0.003	
3/11/2021	0.00074 (J)	
8/5/2021	<0.003	
1/31/2022	<0.003	
8/10/2022	<0.003	
2/13/2023	<0.003	
7/25/2023	<0.003	
2/20/2024		0.0015 (J)
8/2/2024		0.00086 (J)
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.0018 (J)	
4/7/2017	0.0008 (J)	
6/14/2017	0.00205 (JD)	
7/12/2017	0.0015 (JD)	
7/20/2017	<0.003 (D)	
7/28/2017	<0.003	
8/9/2017	<0.003	
8/24/2017	0.0007 (J)	
10/3/2017	<0.003 (D)	
3/21/2018	<0.003	
9/18/2018	<0.003	
3/21/2019	<0.003 (D)	
9/12/2019	0.00052 (JD)	
3/12/2020	0.0017 (J)	
9/17/2020	0.00087 (J)	
3/16/2021	0.00082 (J)	
8/10/2021	0.0013 (J)	
2/3/2022	<0.003	
8/17/2022	<0.003	
2/17/2023	<0.003	
7/28/2023	<0.003	
2/27/2024		<0.003
8/8/2024		<0.003
2/28/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	<0.003	
4/23/2009	<0.003	
10/6/2009	<0.003	
4/27/2010	<0.003	
9/30/2010	<0.003	
4/14/2011	<0.003	
10/5/2011	<0.003	
4/11/2012	<0.003	
10/2/2012	<0.003	
4/9/2013	<0.003	
10/15/2013	<0.003	
4/10/2014	<0.003	
10/1/2014	<0.003	
3/30/2015	<0.003	
10/11/2015	<0.003	
3/28/2016	0.00139 (J)	
5/23/2016	0.000677 (J)	
8/1/2016	<0.003	
9/26/2016	<0.003	
11/10/2016	<0.003	
1/30/2017	<0.003	
4/7/2017	<0.003	
6/12/2017	<0.003	
10/2/2017	<0.003	
3/16/2018	<0.003	
9/17/2018	<0.003	
3/19/2019	<0.003	
9/13/2019	<0.003	
3/11/2020	0.0005 (J)	
9/16/2020	<0.003	
3/17/2021	<0.003	
8/9/2021	<0.003	
2/1/2022	0.0015 (J)	
8/16/2022	<0.003	
2/16/2023	<0.003	
7/28/2023	<0.003	
2/22/2024		<0.003
8/8/2024		<0.003
2/27/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.003	
4/23/2009	<0.003	
10/6/2009	<0.003	
5/3/2010	<0.003	
10/11/2010	<0.003	
4/27/2011	<0.003	
10/19/2011	<0.003	
5/1/2012	<0.003	
10/2/2012	<0.003	
4/10/2013	<0.003	
10/16/2013	<0.003	
4/22/2014	<0.003	
10/1/2014	<0.003	
3/30/2015	<0.003	
10/11/2015	<0.003	
3/28/2016	<0.003	
5/25/2016	<0.003	
8/1/2016	<0.003	
9/26/2016	<0.003	
11/11/2016	<0.003	
1/30/2017	<0.003	
4/3/2017	<0.003	
6/12/2017	<0.003	
10/2/2017	<0.003	
3/16/2018	<0.003	
9/18/2018	<0.003	
3/19/2019	<0.003	
9/12/2019	<0.003	
3/11/2020	<0.003	
9/15/2020	0.00048 (J)	
3/17/2021	<0.003	
8/9/2021	<0.003	
2/2/2022	<0.003	
8/17/2022	<0.003	
2/16/2023	<0.003	
7/28/2023	<0.003	
2/22/2024		<0.003
8/8/2024		<0.003
2/28/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	<0.003	
11/1/2007	<0.003	
11/20/2007	<0.003	
1/30/2008	<0.003	
3/6/2008	<0.003	
5/8/2008	<0.003	
12/14/2008	<0.003	
4/29/2009	<0.003	
10/21/2009	<0.003	
4/21/2010	<0.003	
9/28/2010	<0.003	
4/12/2011	<0.003	
10/4/2011	<0.003	
4/3/2012	<0.003	
10/8/2012	<0.003	
4/3/2013	<0.003	
10/15/2013	<0.003	
4/9/2014	<0.003	
10/2/2014	<0.003	
4/2/2015	<0.003	
10/12/2015	<0.003	
3/31/2016	<0.003	
5/26/2016	0.000659 (J)	
8/3/2016	<0.003	
9/28/2016	0.0037 (O)	
11/22/2016	<0.003	
2/7/2017	<0.003	
4/10/2017	<0.003	
6/14/2017	<0.003	
10/4/2017	<0.003	
3/21/2018	<0.003	
9/18/2018	<0.003	
3/22/2019	<0.003	
9/17/2019	<0.003	
3/12/2020	<0.003	
9/17/2020	<0.003	
3/18/2021	<0.003	
8/11/2021	<0.003	
2/4/2022	0.0016 (J)	
8/18/2022	<0.003	
2/20/2023	<0.003	
7/31/2023	<0.003	
2/27/2024		<0.003
8/12/2024		<0.003
3/3/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.003	
11/1/2007	<0.003	
11/18/2007	<0.003	
1/30/2008	<0.003	
3/5/2008	<0.003	
5/7/2008	<0.003	
12/14/2008	<0.003	
4/29/2009	<0.003	
10/22/2009	<0.003	
4/21/2010	<0.003	
9/28/2010	<0.003	
4/12/2011	<0.003	
10/4/2011	<0.003	
4/3/2012	<0.003	
10/3/2012	<0.003	
4/3/2013	<0.003	
10/9/2013	<0.003	
4/2/2014	<0.003	
10/2/2014	<0.003	
4/1/2015	<0.003	
10/11/2015	<0.003	
4/4/2016	<0.003	
5/26/2016	0.000722 (J)	
8/3/2016	<0.003	
9/28/2016	<0.003	
11/22/2016	<0.003	
2/8/2017	<0.003	
4/10/2017	<0.003	
6/15/2017	<0.003	
10/4/2017	<0.003	
3/21/2018	<0.003	
9/18/2018	<0.003	
3/23/2019	0.00094 (J)	
9/17/2019	0.00041 (J)	
3/12/2020	0.0013 (J)	
9/21/2020	0.00091 (J)	
3/19/2021	0.00032 (J)	
8/11/2021	<0.003	
2/4/2022	<0.003	
8/18/2022	<0.003	
2/20/2023	<0.003	
8/1/2023	<0.003	
2/28/2024		<0.003
8/13/2024		<0.003
3/4/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.003	
11/1/2007	<0.003	
11/18/2007	<0.003	
1/30/2008	<0.003	
3/6/2008	<0.003	
5/7/2008	<0.003	
12/14/2008	<0.003	
4/29/2009	<0.003	
10/22/2009	<0.003	
4/21/2010	<0.003	
9/29/2010	<0.003	
4/13/2011	<0.003	
10/4/2011	<0.003	
4/4/2012	<0.003	
10/3/2012	<0.003	
4/3/2013	<0.003	
10/9/2013	<0.003	
4/2/2014	<0.003	
10/2/2014	0.0044 (J)	
4/1/2015	0.0087	
10/11/2015	0.007	
4/4/2016	0.00252 (J)	
5/26/2016	0.00351	
8/4/2016	<0.003	
9/28/2016	0.0012 (J)	
11/22/2016	0.0042	
2/8/2017	<0.003	
4/10/2017	<0.003	
6/15/2017	<0.003	
10/4/2017	<0.003	
3/22/2018	<0.003	
9/18/2018	<0.003	
3/23/2019	<0.003	
9/17/2019	0.0013 (J)	
3/12/2020	0.001 (J)	
9/21/2020	0.0053	
3/19/2021	0.012	
5/26/2021	0.0037	
8/11/2021	<0.003	
2/4/2022	<0.003	
8/18/2022	<0.003	
2/20/2023	<0.003	
8/1/2023	<0.003	
2/28/2024		<0.003
8/12/2024		0.00086 (J)
3/3/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.003	
11/1/2007	<0.003	
11/19/2007	<0.003	
1/16/2008	<0.003	
3/5/2008	<0.003	
5/13/2008	<0.003	
12/13/2008	<0.003	
4/16/2009	<0.003	
10/21/2009	<0.003	
4/27/2010	<0.003	
10/5/2010	<0.003	
4/19/2011	<0.003	
10/12/2011	<0.003	
4/24/2012	<0.003	
10/2/2012	<0.003	
4/2/2013	<0.003	
10/9/2013	<0.003	
4/1/2014	<0.003	
10/2/2014	<0.003	
4/1/2015	<0.003	
10/14/2015	<0.003	
4/4/2016	<0.003	
5/27/2016	<0.003	
8/3/2016	<0.003	
9/30/2016	<0.003	
11/22/2016	<0.003	
2/13/2017	<0.003	
4/11/2017	<0.003	
6/14/2017	<0.003	
10/4/2017	<0.003	
3/22/2018	<0.003	
9/18/2018	<0.003	
3/23/2019	<0.003	
9/17/2019	<0.003 (D)	
3/12/2020	<0.003	
9/21/2020	<0.003	
3/19/2021	<0.003	
8/11/2021	<0.003	
2/2/2022	<0.003	
8/18/2022	<0.003	
2/21/2023	0.0017 (J)	
8/1/2023	<0.003	
2/27/2024		<0.003
8/12/2024		<0.003
3/4/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.003	
11/1/2007	<0.003	
11/19/2007	<0.003	
1/31/2008	<0.003	
3/5/2008	<0.003	
5/12/2008	<0.003	
12/13/2008	<0.003	
4/28/2009	<0.003	
10/21/2009	<0.003	
4/28/2010	<0.003	
10/5/2010	<0.003	
4/19/2011	<0.003	
10/18/2011	<0.003	
4/25/2012	<0.003	
10/2/2012	<0.003	
4/2/2013	<0.003	
10/8/2013	<0.003	
4/1/2014	<0.003	
10/1/2014	<0.003	
4/1/2015	<0.003	
10/15/2015	<0.003	
4/4/2016	<0.003	
5/31/2016	<0.003	
8/4/2016	<0.003	
9/29/2016	<0.003	
11/28/2016	<0.003	
2/9/2017	<0.003	
4/12/2017	<0.003	
6/16/2017	<0.003	
10/9/2017	<0.003	
3/21/2018	<0.003	
9/19/2018	<0.003	
3/23/2019	<0.003	
9/18/2019	0.0012 (J)	
3/13/2020	0.0023 (J)	
9/22/2020	<0.003	
3/18/2021	0.00078 (J)	
8/11/2021	0.0019 (J)	
2/17/2022	<0.003	
8/18/2022	<0.003	
2/22/2023	<0.003	
8/1/2023	<0.003	
2/27/2024		<0.003
8/12/2024		0.0021 (J)
3/3/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.003	
11/1/2007	<0.003	
11/19/2007	<0.003	
1/31/2008	<0.003	
3/5/2008	<0.003	
5/7/2008	<0.003	
12/12/2008	<0.003	
4/29/2009	<0.003	
10/21/2009	<0.003	
4/28/2010	<0.003	
10/6/2010	<0.003	
4/20/2011	<0.003	
10/12/2011	<0.003	
4/25/2012	<0.003	
10/2/2012	<0.003	
4/2/2013	0.007 (O)	
10/8/2013	0.01 (O)	
4/1/2014	0.011 (O)	
10/1/2014	0.018 (O)	
3/31/2015	0.011 (O)	
10/14/2015	0.0083 (O)	
4/4/2016	0.00447	
6/1/2016	0.00377	
2/22/2017	0.0044	
4/11/2017	0.0019 (J)	
6/16/2017	<0.003	
7/12/2017	0.0018 (J)	
7/28/2017	0.0011 (J)	
8/10/2017	0.0012 (J)	
10/6/2017	0.0013 (J)	
3/23/2018	0.0015 (J)	
9/20/2018	0.0013 (J)	
3/22/2019	0.0014 (J)	
9/18/2019	0.00077 (X)	
3/17/2020	0.0009 (J)	
9/22/2020	0.00079 (J)	
3/19/2021	0.0011 (J)	
8/12/2021	<0.003	
2/4/2022	<0.003	
8/19/2022	<0.003	
2/22/2023	<0.003	
8/2/2023	<0.003	
2/28/2024		0.00057 (J)
8/13/2024		<0.003
3/4/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.005	
11/2/2007	<0.003	
11/17/2007	<0.003	
1/15/2008	<0.003	
3/5/2008	<0.003	
5/7/2008	<0.003	
12/2/2008	<0.003	
4/16/2009	<0.003	
10/20/2009	<0.003	
4/20/2010	<0.003	
9/29/2010	<0.003	
4/12/2011	<0.003	
10/4/2011	<0.003	
4/4/2012	<0.003	
10/10/2012	<0.003	
4/15/2013	<0.003	
10/22/2013	<0.003	
4/21/2014	<0.003	
9/30/2014	<0.003	
4/3/2015	<0.003	
10/7/2015	<0.003	
4/5/2016	<0.003	
6/1/2016	0.000895 (J)	
8/9/2016	0.0017 (JD)	
11/28/2016	<0.003	
2/9/2017	<0.003	
4/11/2017	<0.003	
6/14/2017	0.0006 (J)	
7/12/2017	<0.003	
10/5/2017	<0.003	
3/22/2018	<0.003	
9/19/2018	<0.003	
3/22/2019	<0.003	
9/17/2019	<0.003	
3/13/2020	0.00053 (J)	
9/21/2020	<0.003	
3/18/2021	<0.003	
8/11/2021	<0.003	
2/4/2022	<0.003	
8/18/2022	<0.003	
2/22/2023	<0.003	
8/1/2023	<0.003	
2/28/2024		<0.003
8/13/2024		<0.003
3/3/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.003	
11/2/2007	<0.003	
11/17/2007	<0.003	
1/15/2008	<0.003	
3/6/2008	<0.003	
5/7/2008	<0.003	
12/2/2008	<0.003	
4/28/2009	<0.003	
10/19/2009	<0.003	
4/27/2010	<0.003	
10/4/2010	<0.003	
4/18/2011	<0.003	
10/12/2011	0.0052	
4/23/2012	<0.003	
10/10/2012	<0.003	
4/15/2013	<0.003	
10/22/2013	<0.003	
4/21/2014	0.005 (J)	
9/30/2014	0.0024 (J)	
4/3/2015	0.0072	
10/7/2015	0.0045 (J)	
4/5/2016	0.00727	
5/31/2016	0.00649	
8/4/2016	0.0038	
9/29/2016	0.0106	
11/23/2016	0.0098	
2/10/2017	0.0014 (J)	
4/12/2017	0.0026 (J)	
6/15/2017	<0.003	
10/6/2017	0.0008 (J)	
3/23/2018	0.001 (J)	
9/19/2018	0.0011 (J)	
3/25/2019	<0.003	
9/17/2019	0.0017 (J)	
3/13/2020	0.00056 (J)	
9/21/2020	0.0021 (J)	
3/18/2021	0.00045 (J)	
8/11/2021	<0.003	
2/4/2022	<0.003	
8/19/2022	0.0011 (J)	
2/22/2023	<0.003	
8/2/2023	<0.003	
2/28/2024		0.001 (J)
8/13/2024		0.0013 (J)
3/3/2025		0.00058 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	<0.003	
11/2/2007	<0.003	
11/18/2007	<0.003	
1/15/2008	<0.003	
3/10/2008	<0.003	
5/13/2008	<0.003	
12/2/2008	<0.003	
4/28/2009	<0.003	
10/20/2009	<0.003	
4/27/2010	<0.003	
10/5/2010	<0.003	
4/19/2011	<0.003	
10/12/2011	<0.003	
4/25/2012	<0.003	
10/10/2012	<0.003	
4/16/2013	0.0053	
10/22/2013	<0.003	
4/21/2014	0.005 (J)	
9/30/2014	<0.003	
4/3/2015	<0.003	
10/6/2015	0.0025 (J)	
4/5/2016	0.00105 (J)	
5/31/2016	0.00088 (J)	
11/23/2016	<0.003	
2/10/2017	<0.003	
4/11/2017	<0.003	
6/15/2017	<0.003	
7/12/2017	<0.003	
7/26/2017	<0.003	
10/6/2017	<0.003	
3/23/2018	0.00089 (J)	
9/19/2018	<0.003	
3/22/2019	<0.003	
9/17/2019	<0.003	
3/13/2020	<0.003	
9/21/2020	<0.003	
3/18/2021	<0.003	
8/11/2021	<0.003	
2/7/2022	<0.003	
8/19/2022	<0.003	
2/22/2023	<0.003	
8/1/2023	0.0028 (J)	
2/28/2024		<0.003
8/13/2024		<0.003
3/3/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	0.00108 (J)	
5/16/2016	<0.003	
7/25/2016	<0.003 (*)	
9/19/2016	<0.003	
11/3/2016	<0.003	
1/19/2017	<0.003	
3/28/2017	<0.003	
6/5/2017	<0.003	
9/26/2017	<0.003	
3/15/2018	<0.003	
9/12/2018	<0.003	
3/14/2019	<0.003	
9/11/2019	<0.003	
3/10/2020	<0.003	
9/15/2020	<0.003	
3/11/2021	<0.003	
8/4/2021	<0.003	
1/31/2022	<0.003	
8/15/2022	<0.003	
2/14/2023	<0.003	
7/26/2023	<0.003	
2/20/2024		<0.003
8/6/2024		<0.003
2/26/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.003	
5/16/2016	0.00109 (J)	
7/25/2016	0.00185 (*JD)	
9/19/2016	<0.003 (D)	
11/4/2016	<0.003 (D)	
1/23/2017	<0.003 (D)	
3/29/2017	0.0018 (JD)	
6/7/2017	0.0009 (J)	
9/27/2017	0.0111	
12/29/2017	0.0012 (Y)	
3/15/2018	0.00086 (J)	
9/13/2018	0.0029 (J)	
3/14/2019	0.0015 (JD)	
9/11/2019	0.014	
3/10/2020	0.00087 (J)	
9/11/2020	0.0076	
12/15/2020	0.0014 (J)	
3/11/2021	0.00062 (J)	
8/6/2021	0.0017 (J)	
2/1/2022	0.002 (J)	
8/12/2022	0.0072	
2/14/2023	<0.003	
7/26/2023	0.013	
2/20/2024		0.00062 (J)
8/5/2024		0.0041
2/26/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	0.00426	
5/16/2016	0.00267 (JD)	
7/25/2016	0.0017 (JD)	
9/19/2016	<0.003 (D)	
11/3/2016	0.0017 (JD)	
1/20/2017	0.001 (JD)	
3/29/2017	0.001 (JD)	
6/7/2017	0.0009 (J)	
9/27/2017	0.0012 (J)	
3/15/2018	<0.003	
9/13/2018	<0.003	
3/14/2019	<0.003 (D)	
9/11/2019	<0.003 (D)	
3/10/2020	<0.003	
9/11/2020	0.00043 (J)	
3/11/2021	<0.003	
8/6/2021	<0.003	
2/1/2022	<0.003	
8/12/2022	<0.003	
2/14/2023	<0.003	
7/26/2023	<0.003	
2/20/2024		<0.003
8/5/2024		<0.003
2/26/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.003	
5/17/2016	<0.003	
7/26/2016	<0.003	
9/20/2016	0.001 (J)	
11/4/2016	<0.003	
1/20/2017	<0.003	
3/28/2017	<0.003	
6/7/2017	<0.003	
9/29/2017	<0.003	
3/15/2018	<0.003	
9/13/2018	<0.003	
3/18/2019	<0.003	
9/11/2019	<0.003	
3/10/2020	<0.003	
9/14/2020	<0.003	
3/11/2021	<0.003	
8/5/2021	<0.003	
1/31/2022	<0.003	
8/15/2022	<0.003	
2/14/2023	<0.003	
7/26/2023	<0.003	
2/21/2024		<0.003
8/5/2024		<0.003
2/26/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.003	
5/18/2016	<0.003	
7/27/2016	0.0006 (J)	
9/20/2016	<0.003	
11/7/2016	<0.003	
1/23/2017	<0.003	
3/29/2017	<0.003	
6/8/2017	<0.003	
9/27/2017	<0.003	
3/15/2018	<0.003	
9/13/2018	<0.003	
3/15/2019	<0.003	
9/12/2019	<0.003	
3/9/2020	0.00032 (J)	
9/14/2020	<0.003	
3/11/2021	<0.003	
8/5/2021	<0.003	
2/1/2022	<0.003	
8/15/2022	0.0022 (J)	
2/14/2023	<0.003	
7/27/2023	<0.003	
2/21/2024		0.0013 (J)
8/5/2024		<0.003
2/26/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.003	
5/18/2016	0.000987 (J)	
7/27/2016	0.0008 (J)	
9/20/2016	0.0012 (J)	
11/4/2016	0.001 (J)	
1/20/2017	0.0013 (J)	
3/29/2017	0.0004 (J)	
6/8/2017	<0.003 (*)	
9/27/2017	<0.003	
3/16/2018	<0.003	
9/13/2018	<0.003	
3/19/2019	<0.003	
9/11/2019	0.00099 (J)	
3/9/2020	0.00056 (J)	
9/15/2020	0.00053 (J)	
3/11/2021	0.00038 (J)	
8/5/2021	0.00082 (J)	
2/1/2022	0.0024 (J)	
8/15/2022	<0.003	
2/14/2023	0.0022 (J)	
7/27/2023	0.0048	
2/21/2024		0.0013 (J)
8/5/2024		0.00069 (J)
2/26/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.003	
5/17/2016	<0.003	
7/27/2016	0.0006 (J)	
9/20/2016	0.0018 (J)	
11/4/2016	<0.003	
1/23/2017	<0.003	
3/28/2017	<0.003	
6/8/2017	<0.003 (*)	
9/29/2017	<0.003	
3/15/2018	<0.003	
9/13/2018	<0.003	
3/15/2019	<0.003	
9/11/2019	<0.003 (D)	
3/9/2020	<0.003	
9/14/2020	<0.003	
3/11/2021	<0.003	
8/4/2021	<0.003	
1/31/2022	<0.003	
8/15/2022	<0.003	
2/14/2023	<0.003	
7/26/2023	<0.003	
2/21/2024		<0.003
8/5/2024		<0.003
2/26/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.003	
5/18/2016	<0.003	
7/27/2016	0.0023 (J)	
9/21/2016	0.0013 (J)	
11/4/2016	<0.003	
1/24/2017	<0.003	
3/29/2017	<0.003	
6/8/2017	<0.003 (*)	
9/29/2017	<0.003	
3/15/2018	<0.003	
9/13/2018	<0.003	
3/18/2019	<0.003	
9/11/2019	0.0032	
3/11/2020	0.0012 (J)	
9/11/2020	0.0011 (J)	
3/15/2021	0.0019 (J)	
8/11/2021	0.0033	
2/1/2022	<0.003	
8/15/2022	0.0012 (J)	
2/14/2023	0.0037	
7/27/2023	0.0017 (J)	
2/21/2024		0.002 (J)
8/6/2024		0.00082 (J)
2/26/2025		0.00083 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.003	
5/18/2016	<0.003	
7/28/2016	<0.003	
9/21/2016	<0.003	
11/7/2016	<0.003 (*)	
1/24/2017	0.0024 (J)	
3/30/2017	0.0011 (J)	
6/9/2017	<0.003 (*)	
9/29/2017	0.0009 (J)	
3/15/2018	0.0012 (J)	
9/14/2018	0.00083 (J)	
3/19/2019	0.0011 (J)	
9/11/2019	0.00065 (J)	
3/9/2020	0.0018 (J)	
9/14/2020	0.0017 (J)	
3/15/2021	0.00086 (J)	
8/5/2021	0.0024 (J)	
2/1/2022	0.00097 (J)	
8/15/2022	<0.003	
2/14/2023	<0.003	
7/27/2023	<0.003	
2/21/2024		<0.003
8/6/2024		0.0013 (J)
2/26/2025		0.0011 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.003	
10/25/2007	<0.003	
11/19/2007	<0.003	
1/23/2008	<0.003	
3/11/2008	<0.003	
5/12/2008	<0.003	
12/11/2008	<0.003	
4/15/2009	<0.003	
10/9/2009	<0.003	
5/4/2010	<0.003	
10/12/2010	<0.003	
4/28/2011	<0.003	
10/19/2011	<0.003	
5/2/2012	<0.003	
10/9/2012	<0.003	
4/11/2013	<0.003	
10/16/2013	<0.003	
4/23/2014	<0.003	
10/3/2014	<0.003	
3/31/2015	<0.003	
10/12/2015	<0.003	
3/28/2016	0.00104 (J)	
5/25/2016	0.000686 (J)	
8/1/2016	<0.003	
9/27/2016	<0.003	
11/11/2016	<0.003	
1/31/2017	<0.003	
4/3/2017	<0.003	
6/12/2017	<0.003	
10/3/2017	<0.003	
3/19/2018	<0.003	
9/17/2018	<0.003	
3/20/2019	<0.003	
9/16/2019	<0.003	
3/16/2020	0.00031 (J)	
9/16/2020	<0.003	
3/17/2021	<0.003	
8/9/2021	<0.003	
2/2/2022	<0.003	
8/16/2022	<0.003	
2/20/2023	<0.003	
7/28/2023	<0.003	
2/26/2024		<0.003
8/8/2024		<0.003
2/27/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.003	
10/25/2007	<0.003	
11/20/2007	<0.003	
1/23/2008	<0.003	
3/11/2008	<0.003	
5/14/2008	<0.003	
12/11/2008	<0.003	
4/23/2009	<0.003	
10/9/2009	<0.003	
5/4/2010	<0.003	
10/11/2010	<0.003	
4/26/2011	<0.003	
10/18/2011	<0.003	
5/2/2012	<0.003	
10/8/2012	<0.003	
4/10/2013	<0.003	
10/8/2013	<0.003	
4/14/2014	<0.003	
10/3/2014	<0.003	
4/1/2015	0.0035 (J)	
10/9/2015	<0.003	
3/29/2016	<0.003	
5/24/2016	<0.003	
8/1/2016	<0.003	
9/26/2016	<0.003	
11/18/2016	<0.003	
2/1/2017	<0.003	
4/6/2017	0.001 (J)	
6/13/2017	<0.003	
10/3/2017	<0.003	
3/19/2018	<0.003	
9/17/2018	<0.003	
3/21/2019	<0.003	
9/16/2019	<0.003	
3/12/2020	0.00052 (J)	
9/16/2020	<0.003	
3/17/2021	<0.003	
8/10/2021	<0.003	
2/2/2022	<0.003	
8/17/2022	<0.003	
2/17/2023	<0.003	
7/31/2023	<0.003	
2/26/2024		<0.003
8/8/2024		<0.003
2/27/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	<0.003	
6/18/2015	<0.003 (D)	
7/2/2015	<0.003	
10/9/2015	<0.003	
3/29/2016	0.000768 (J)	
5/24/2016	<0.003	
8/1/2016	<0.003	
9/26/2016	<0.003	
11/14/2016	<0.003	
2/1/2017	<0.003	
4/6/2017	0.0006 (J)	
6/13/2017	<0.003	
10/3/2017	<0.003	
3/20/2018	<0.003	
9/17/2018	0.0023 (J)	
3/21/2019	<0.003	
9/16/2019	<0.003	
3/12/2020	0.0011 (J)	
9/16/2020	<0.003	
3/17/2021	<0.003	
8/10/2021	0.0028 (J)	
2/2/2022	<0.003	
8/17/2022	<0.003	
2/17/2023	<0.003	
7/28/2023	<0.003	
2/26/2024		<0.003
8/8/2024		<0.003
2/27/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.003	
8/2/2016	<0.003	
9/27/2016	<0.003	
11/21/2016	<0.003	
2/1/2017	<0.003	
4/6/2017	<0.003	
6/13/2017	<0.003	
7/14/2017	0.0008 (J)	
10/3/2017	<0.003	
3/20/2018	<0.003	
9/18/2018	<0.003	
3/21/2019	<0.003	
9/13/2019	0.002 (J)	
3/12/2020	0.00066 (J)	
9/16/2020	0.0012 (J)	
3/17/2021	0.00099 (J)	
8/10/2021	0.0017 (J)	
2/2/2022	0.00093 (J)	
8/17/2022	0.0011 (J)	
2/20/2023	0.0012 (J)	
7/31/2023	<0.003	
2/26/2024		0.00086 (J)
8/8/2024		0.0012 (J)
2/27/2025		0.00071 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.003	
4/30/2012	<0.003	
10/3/2012	<0.003	
4/8/2013	<0.003	
10/9/2013	<0.003	
4/10/2014	<0.003	
10/2/2014	0.0025 (J)	
4/3/2015	<0.003	
10/8/2015	<0.003	
3/30/2016	<0.003	
5/24/2016	<0.003	
8/2/2016	<0.003	
9/27/2016	<0.003	
11/22/2016	<0.003	
2/6/2017	0.0015 (J)	
4/6/2017	0.0007 (J)	
6/14/2017	<0.003	
10/4/2017	<0.003	
3/21/2018	<0.003	
9/18/2018	<0.003	
3/27/2019	<0.003	
9/16/2019	<0.003 (D)	
3/12/2020	0.00043 (J)	
9/17/2020	0.00082 (J)	
3/17/2021	<0.003	
8/10/2021	0.0015 (J)	
2/2/2022	0.0015 (J)	
8/17/2022	<0.003	
2/21/2023	<0.003	
7/31/2023	<0.003	
2/27/2024		<0.003
8/12/2024		<0.003
3/4/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.003	
6/18/2015	<0.003 (D)	
7/2/2015	<0.003	
10/8/2015	<0.003	
3/22/2016	<0.003	
5/25/2016	<0.003	
8/2/2016	<0.003	
9/26/2016	<0.003	
11/21/2016	<0.003	
2/3/2017	<0.003	
4/7/2017	<0.003	
6/13/2017	<0.003	
10/3/2017	<0.003	
3/20/2018	<0.003	
9/18/2018	<0.003	
5/6/2019	<0.003	
9/16/2019	<0.003	
3/16/2020	<0.003	
9/17/2020	<0.003	
3/18/2021	<0.003	
8/10/2021	<0.003	
2/2/2022	<0.003	
8/17/2022	0.001 (J)	
2/20/2023	<0.003	
7/31/2023	<0.003	
2/26/2024		<0.003
8/12/2024		<0.003
2/28/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.003	
11/1/2007	<0.003	
11/19/2007	<0.003	
1/15/2008	<0.003	
3/6/2008	<0.003	
5/13/2008	<0.003	
12/12/2008	<0.003	
4/16/2009	<0.003	
10/13/2009	<0.003	
4/21/2010	<0.003	
9/29/2010	<0.003	
4/13/2011	<0.003	
10/5/2011	<0.003	
4/4/2012	<0.003	
10/8/2012	<0.003	
4/8/2013	<0.003	
10/9/2013	<0.003	
4/9/2014	<0.003	
9/30/2014	<0.003	
4/2/2015	<0.003	
10/10/2015	<0.003 (D)	
3/30/2016	<0.003	
5/26/2016	<0.003	
8/5/2016	<0.003	
9/28/2016	<0.003	
11/21/2016	<0.003	
2/6/2017	<0.003	
4/6/2017	<0.003	
6/13/2017	<0.003	
10/3/2017	<0.003	
3/20/2018	0.001 (J)	
9/18/2018	<0.003 (D)	
3/21/2019	<0.003	
9/16/2019	<0.003	
3/12/2020	<0.003	
9/17/2020	<0.003	
3/18/2021	<0.003	
8/10/2021	<0.003	
2/2/2022	<0.003	
8/17/2022	<0.003	
2/21/2023	<0.003	
7/31/2023	<0.003	
2/27/2024		<0.003
8/12/2024		<0.003
2/28/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.005	
10/23/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	<0.005	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	<0.005	
10/16/2013	<0.005	
4/11/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/22/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/30/2017	<0.005	
3/30/2017	<0.005	
6/9/2017	0.0005 (J)	
10/2/2017	<0.005	
3/16/2018	0.00085 (J)	
9/17/2018	<0.005 (D)	
3/20/2019	<0.005	
9/12/2019	0.0004 (J)	
3/11/2020	0.00088 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.005	
10/24/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	<0.005	
3/11/2008	<0.005	
5/6/2008	<0.005	
12/4/2008	0.012 (O)	
4/21/2009	<0.005	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	<0.005	
10/15/2013	<0.005	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/20/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/2/2017	<0.005	
3/19/2018	<0.005	
9/14/2018	<0.005	
3/20/2019	<0.005	
9/12/2019	<0.005 (D)	
3/11/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	0.0019 (J)	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	0.005	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	0.0056	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	0.0008 (J)	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	0.0007 (J)	
6/9/2017	0.0006 (J)	
10/2/2017	0.0005 (J)	
3/16/2018	0.001 (J)	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	0.00051 (J)	
3/11/2020	0.00044 (J)	
9/15/2020	0.00081 (J)	
3/16/2021	<0.005	
8/9/2021	0.0031 (J)	
2/1/2022	0.0053	
8/16/2022	0.0033 (J)	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/26/2024		<0.005
8/6/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.005 (D)	
7/27/2016	0.0011 (JD)	
2/21/2017	<0.005	
3/27/2017	0.0007 (JD)	
6/8/2017	0.0007 (JD)	
7/17/2017	0.0005 (JD)	
7/27/2017	<0.005	
8/9/2017	0.0008 (J)	
9/29/2017	<0.005 (D)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
3/9/2020	0.00083 (J)	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/6/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		0.0018 (J)
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.005	
5/11/2016	<0.005	
7/19/2016	<0.005	
9/15/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	0.0007 (J)	
6/7/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/15/2019	<0.005	
9/9/2019	0.00043 (J)	
3/9/2020	<0.005	
9/10/2020	<0.005	
3/12/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	0.0021 (J)	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/19/2024		<0.005
8/1/2024		0.0011 (J)
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	<0.005	
11/2/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	<0.005	
3/11/2008	<0.005	
5/14/2008	<0.005	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/8/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/21/2011	<0.005	
10/13/2011	<0.005	
5/1/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/23/2014	<0.005	
10/4/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/23/2016	<0.005	
5/23/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/4/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019	<0.005	
9/13/2019	<0.005	
3/11/2020	<0.005	
3/29/2021	0.001 (J)	
8/9/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/17/2023	<0.005	
8/1/2023	<0.005	
2/22/2024		<0.005
8/8/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.005	
5/11/2016	<0.005	
7/21/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/24/2017	<0.005	
5/24/2017	<0.005	
9/26/2017	0.0005 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/9/2019	0.00068 (J)	
3/9/2020	<0.005	
9/11/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/12/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/19/2024		<0.005
8/1/2024		0.0011 (J)
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.005	
5/12/2016	<0.005	
7/20/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/18/2017	<0.005	
3/24/2017	<0.005	
6/6/2017	<0.005 (*)	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005 (D)	
3/6/2020	<0.005	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		0.00092 (J)
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	0.0012 (J)	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	0.0008 (J)	
6/6/2017	<0.005 (*)	
9/25/2017	0.001 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/9/2020	<0.005	
9/10/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		0.0015 (J)
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.005	
5/16/2016	<0.005	
7/22/2016	<0.005	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
6/7/2017	<0.005 (*)	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/6/2020	<0.005	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/20/2024		0.001 (J)
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005	
6/6/2017	<0.005 (*)	
9/22/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	<0.005	
3/9/2020	<0.005	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
1/31/2022	0.0013 (J)	
8/11/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	0.0005 (J)	
6/6/2017	<0.005 (*)	
9/22/2017	<0.005	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	<0.005	
3/9/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.0019 (J)	
4/7/2017	0.0008 (J)	
6/14/2017	0.0006 (JD)	
7/12/2017	<0.005 (D)	
7/20/2017	0.0009 (JD)	
7/28/2017	<0.005	
8/9/2017	0.0011 (J)	
8/24/2017	0.0007 (J)	
10/3/2017	0.0005 (JD)	
3/21/2018	0.0012 (J)	
9/18/2018	<0.005	
3/21/2019	<0.005 (D)	
9/12/2019	0.0006 (JD)	
3/12/2020	0.0033 (J)	
9/17/2020	0.0011 (J)	
3/16/2021	0.00098 (J)	
8/10/2021	0.0025 (J)	
2/3/2022	0.0034 (J)	
8/17/2022	<0.005	
2/17/2023	<0.005	
7/28/2023	<0.005	
2/27/2024		<0.005
8/8/2024		0.0016 (J)
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	<0.005	
11/1/2007	<0.005	
11/20/2007	0.0079	
1/30/2008	<0.005	
3/6/2008	<0.005	
5/12/2008	<0.005	
12/13/2008	0.015 (O)	
4/29/2009	<0.005	
10/20/2009	<0.005	
4/26/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/15/2013	<0.005	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	<0.005	
3/31/2016	<0.005	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	<0.005	
2/7/2017	<0.005	
4/10/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	0.0006 (J)	
3/20/2018	0.00079 (J)	
9/18/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	0.0023 (J)	
8/17/2022	<0.005	
2/20/2023	<0.005	
7/31/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:16 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	<0.005	
11/1/2007	<0.005	
11/20/2007	<0.005	
1/30/2008	<0.005	
3/6/2008	<0.005	
5/8/2008	<0.005	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/21/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/8/2012	<0.005	
4/3/2013	<0.005	
10/15/2013	<0.005	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/12/2015	<0.005	
3/31/2016	<0.005	
5/26/2016	<0.005	
8/3/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	<0.005	
2/7/2017	<0.005	
4/10/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022	0.0019 (J)	
8/18/2022	<0.005	
2/20/2023	<0.005	
7/31/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	<0.005	
10/11/2015	<0.005	
4/4/2016	<0.005	
5/26/2016	<0.005	
8/3/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	<0.005	
2/8/2017	<0.005	
4/10/2017	<0.005	
6/15/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	0.00058 (J)	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	<0.005	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/4/2022	0.0023 (J)	
8/18/2022	<0.005	
2/20/2023	<0.005	
8/1/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/6/2008	<0.005	
5/7/2008	<0.005	
12/14/2008	<0.005	
4/29/2009	0.0057	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	0.006	
4/2/2014	0.005 (J)	
10/2/2014	0.0036 (J)	
4/1/2015	0.0077	
10/11/2015	0.0071	
4/4/2016	0.00315 (J)	
5/26/2016	0.00313 (J)	
8/4/2016	0.0032 (J)	
9/28/2016	0.0029 (J)	
11/22/2016	0.0048 (J)	
2/8/2017	0.0022 (J)	
4/10/2017	0.002 (J)	
6/15/2017	0.0014 (J)	
10/4/2017	0.002 (J)	
3/22/2018	0.0022 (J)	
9/18/2018	<0.005	
3/23/2019	0.0016 (J)	
9/17/2019	0.0016 (J)	
3/12/2020	0.0012 (J)	
9/21/2020	0.0012 (J)	
3/19/2021	0.0013 (J)	
8/11/2021	0.0017 (J)	
2/4/2022	0.0035 (J)	
8/18/2022	<0.005	
2/20/2023	<0.005	
8/1/2023	<0.005	
2/28/2024		<0.005
8/12/2024		0.0017 (J)
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/16/2008	0.0086	
3/5/2008	<0.005	
5/13/2008	<0.005	
12/13/2008	0.012	
4/16/2009	0.008	
10/21/2009	0.0081	
10/5/2010	0.0067	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/24/2012	0.0086	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/9/2013	0.0094	
4/1/2014	0.0097	
10/2/2014	0.0055	
4/1/2015	0.011	
10/14/2015	0.007	
4/4/2016	0.00645	
5/27/2016	0.00692	
8/3/2016	0.0068	
9/30/2016	0.0065	
11/22/2016	0.0066	
2/13/2017	0.0092	
4/11/2017	0.0051	
6/14/2017	0.0056	
10/4/2017	0.0068	
3/22/2018	0.0055	
9/18/2018	0.0064	
3/23/2019	0.0055	
9/17/2019	0.00465 (JD)	
3/12/2020	0.0053	
9/21/2020	0.0065	
3/19/2021	0.0052	
8/11/2021	0.0042 (J)	
2/2/2022	0.0027 (J)	
8/18/2022	0.0037 (J)	
2/21/2023	0.0094 (J)	
8/1/2023	0.0065	
2/27/2024		0.0028 (J)
8/12/2024		0.0039 (J)
3/4/2025		0.0053

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/12/2008	<0.005	
12/13/2008	0.0096	
4/28/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/18/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	0.0022 (J)	
4/1/2015	<0.005	
10/15/2015	<0.005	
4/4/2016	0.00124 (J)	
5/31/2016	<0.005	
8/4/2016	<0.005	
9/29/2016	<0.005	
11/28/2016	<0.005	
2/9/2017	<0.005	
4/12/2017	0.001 (J)	
6/16/2017	0.0007 (J)	
10/9/2017	0.0006 (J)	
3/21/2018	0.0013 (J)	
9/19/2018	<0.005	
3/23/2019	0.00067 (J)	
9/18/2019	0.00052 (J)	
3/13/2020	0.00096 (J)	
9/22/2020	0.00098 (J)	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/17/2022	<0.005	
8/18/2022	<0.005	
2/22/2023	<0.005	
8/1/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	0.02 (O)	
4/29/2009	0.0066	
10/21/2009	<0.005	
4/28/2010	0.016 (O)	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	0.0021 (J)	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	0.00144 (J)	
6/1/2016	0.0011 (JD)	
2/22/2017	<0.005	
4/11/2017	0.0011 (JD)	
6/16/2017	0.0043 (JD)	
7/12/2017	0.0013 (JD)	
7/28/2017	0.0013 (J)	
8/10/2017	0.0011 (J)	
10/6/2017	0.0013 (JD)	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019	0.00097 (J)	
9/18/2019	0.00045 (X)	
3/17/2020	0.00067 (J)	
9/22/2020	0.00086 (J)	
3/19/2021	0.00084 (J)	
8/12/2021	<0.005	
2/4/2022	0.0035 (J)	
8/19/2022	<0.005	
2/22/2023	0.0031 (J)	
8/2/2023	<0.005	
2/28/2024		<0.005
8/13/2024		0.0013 (J)
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	<0.005	
1/15/2008	<0.005	
3/5/2008	0.0079	
5/7/2008	<0.005	
12/2/2008	0.014 (O)	
4/16/2009	0.0069	
10/20/2009	0.0054	
4/20/2010	<0.005	
9/29/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
6/1/2016	<0.005	
8/9/2016	<0.005	
11/28/2016	<0.005	
2/9/2017	<0.005	
4/11/2017	<0.005	
6/14/2017	<0.005	
7/12/2017	<0.005	
10/5/2017	<0.005	
3/22/2018	0.00096 (J)	
9/19/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	<0.005	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022	0.0019 (J)	
8/18/2022	<0.005	
2/22/2023	<0.005	
8/1/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	<0.005	
1/15/2008	<0.005	
3/6/2008	<0.005	
5/7/2008	<0.005	
12/2/2008	<0.005	
4/28/2009	<0.005	
10/19/2009	<0.005	
4/27/2010	<0.005	
10/4/2010	<0.005	
4/18/2011	<0.005	
10/12/2011	<0.005	
4/23/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
5/31/2016	<0.005	
8/4/2016	<0.005	
9/29/2016	<0.005	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/12/2017	0.0005 (J)	
6/15/2017	<0.005	
10/6/2017	0.0008 (J)	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/25/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	0.00047 (J)	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022	0.0026 (J)	
8/19/2022	<0.005	
2/22/2023	<0.005	
8/2/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	<0.005	
11/2/2007	<0.005	
11/18/2007	<0.005	
1/15/2008	0.0077	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/2/2008	0.0061	
4/28/2009	<0.005	
10/20/2009	<0.005	
4/27/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/10/2012	<0.005	
4/16/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	0.005 (J)	
9/30/2014	0.0025 (J)	
4/3/2015	<0.005	
10/6/2015	<0.005	
4/5/2016	0.00153 (J)	
5/31/2016	0.00261 (J)	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/11/2017	0.0007 (J)	
6/15/2017	<0.005	
7/12/2017	<0.005	
7/26/2017	<0.005	
10/6/2017	0.0009 (J)	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	0.00052 (J)	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/7/2022	0.0025 (J)	
8/19/2022	<0.005	
2/22/2023	<0.005	
8/1/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	0.00101 (J)	
5/16/2016	<0.005	
7/25/2016	<0.005	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/19/2017	<0.005	
3/28/2017	0.0009 (J)	
6/5/2017	0.0033 (J)	
9/26/2017	0.0008 (J)	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/11/2019	<0.005	
3/10/2020	0.0013 (J)	
9/15/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/26/2023	0.0038 (J)	
2/20/2024		<0.005
8/6/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.005	
5/16/2016	<0.005 (D)	
7/25/2016	<0.005 (D)	
9/19/2016	<0.005 (D)	
11/4/2016	<0.005 (D)	
1/23/2017	<0.005 (D)	
3/29/2017	<0.005 (D)	
6/7/2017	<0.005	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019	<0.005 (D)	
9/11/2019	<0.005 (D)	
3/10/2020	<0.005	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
2/1/2022	<0.005	
8/12/2022	<0.005	
2/14/2023	<0.005	
7/26/2023	0.0038 (J)	
2/20/2024		<0.005
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.005	
5/16/2016	<0.005	
7/25/2016	<0.005	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/20/2017	<0.005	
3/29/2017	<0.005 (D)	
6/7/2017	<0.005 (*)	
9/27/2017	0.0006 (J)	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019	<0.005 (D)	
9/11/2019	<0.005 (D)	
3/10/2020	<0.005	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
2/1/2022	<0.005	
8/12/2022	<0.005	
2/14/2023	<0.005	
7/26/2023	<0.005	
2/20/2024		<0.005
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.005	
5/17/2016	<0.005	
7/26/2016	<0.005	
9/20/2016	<0.005	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/28/2017	0.0004 (J)	
6/7/2017	<0.005 (*)	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019	<0.005	
9/11/2019	<0.005	
3/10/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/26/2023	<0.005	
2/21/2024		<0.005
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/20/2016	<0.005	
11/7/2016	<0.005	
1/23/2017	<0.005	
3/29/2017	<0.005	
6/8/2017	0.0006 (J)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/15/2019	<0.005	
9/12/2019	<0.005	
3/9/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
2/1/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/27/2023	<0.005	
2/21/2024		<0.005
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	0.00136 (J)	
5/18/2016	0.00127 (J)	
7/27/2016	0.0012 (J)	
9/20/2016	<0.005	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/29/2017	<0.005	
6/8/2017	0.001 (J)	
9/27/2017	0.0009 (J)	
3/16/2018	<0.005	
9/13/2018	0.00091 (J)	
3/19/2019	<0.005	
9/11/2019	0.00067 (J)	
3/9/2020	0.00051 (J)	
9/15/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	0.0012 (J)	
2/1/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/27/2023	0.0039 (J)	
2/21/2024		<0.005
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.005	
5/17/2016	<0.005	
7/27/2016	<0.005	
9/20/2016	<0.005	
11/4/2016	<0.005	
1/23/2017	<0.005	
3/28/2017	<0.005	
6/8/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/15/2019	<0.005	
9/11/2019	<0.005 (D)	
3/9/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/26/2023	<0.005	
2/21/2024		<0.005
8/5/2024		<0.005
2/26/2025		0.0013 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/21/2016	<0.005	
11/4/2016	<0.005	
1/24/2017	<0.005	
3/29/2017	<0.005	
6/8/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019	<0.005	
9/11/2019	<0.005	
3/11/2020	0.00041 (J)	
9/11/2020	<0.005	
3/15/2021	<0.005	
8/11/2021	<0.005	
2/1/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/27/2023	<0.005	
2/21/2024		<0.005
8/6/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.005	
5/18/2016	<0.005	
7/28/2016	<0.005	
9/21/2016	<0.005	
11/7/2016	<0.005	
1/24/2017	<0.005	
3/30/2017	<0.005	
6/9/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/11/2019	<0.005	
3/9/2020	<0.005	
9/14/2020	<0.005	
3/15/2021	<0.005	
8/5/2021	<0.005	
2/1/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/27/2023	0.0044 (J)	
2/21/2024		<0.005
8/6/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.005	
10/25/2007	<0.005	
11/19/2007	<0.005	
1/23/2008	<0.005	
3/11/2008	<0.005	
5/12/2008	<0.005	
12/11/2008	<0.005	
4/15/2009	<0.005	
10/9/2009	<0.005	
5/4/2010	<0.005	
10/12/2010	<0.005	
4/28/2011	<0.005	
10/19/2011	<0.005	
5/2/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/23/2014	<0.005	
10/3/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	<0.005	
9/27/2016	<0.005	
11/11/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/12/2017	0.0006 (J)	
10/3/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019	<0.005	
9/16/2019	<0.005	
3/16/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/20/2023	<0.005	
7/28/2023	<0.005	
2/26/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.005	
10/25/2007	<0.005	
11/20/2007	<0.005	
1/23/2008	<0.005	
3/11/2008	<0.005	
5/14/2008	<0.005	
12/11/2008	<0.005	
4/23/2009	<0.005	
10/9/2009	<0.005	
5/4/2010	0.014 (O)	
10/11/2010	<0.005	
4/26/2011	<0.005	
10/18/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/10/2013	<0.005	
10/8/2013	<0.005	
4/14/2014	<0.005	
10/3/2014	<0.005	
4/1/2015	<0.005	
10/9/2015	<0.005	
3/29/2016	<0.005	
5/24/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/18/2016	<0.005	
2/1/2017	<0.005	
4/6/2017	0.0006 (J)	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/19/2018	0.00089 (J)	
9/17/2018	<0.005	
3/21/2019	<0.005	
9/16/2019	0.00071 (J)	
3/12/2020	0.00055 (J)	
9/16/2020	<0.005	
3/17/2021	0.0013 (J)	
8/10/2021	0.0016 (J)	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/17/2023	<0.005	
7/31/2023	<0.005	
2/26/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	<0.005	
6/18/2015	<0.005 (D)	
7/2/2015	<0.005	
10/9/2015	<0.005	
3/29/2016	<0.005	
5/24/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/14/2016	<0.005	
2/1/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/17/2018	<0.005	
3/21/2019	<0.005	
9/16/2019	0.00038 (J)	
3/12/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	0.0012 (J)	
8/17/2022	<0.005	
2/17/2023	<0.005	
7/28/2023	<0.005	
2/26/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.005	
8/2/2016	0.0031 (J)	
9/27/2016	0.0028 (J)	
11/21/2016	0.0031 (J)	
2/1/2017	0.0031 (J)	
4/6/2017	0.003 (J)	
6/13/2017	0.0024 (J)	
7/14/2017	0.0029 (J)	
10/3/2017	0.0018 (J)	
3/20/2018	0.0024 (J)	
9/18/2018	<0.005	
3/21/2019	0.00077 (J)	
9/13/2019	0.0017 (J)	
3/12/2020	0.00044 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	0.0013 (J)	
2/2/2022	0.002 (J)	
8/17/2022	<0.005	
2/20/2023	<0.005	
7/31/2023	<0.005	
2/26/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.005	
4/30/2012	<0.005	
10/3/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/10/2014	<0.005	
10/2/2014	<0.005	
4/3/2015	<0.005	
10/8/2015	0.0029 (J)	
3/30/2016	<0.005	
5/24/2016	<0.005	
8/2/2016	<0.005	
9/27/2016	<0.005	
11/22/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	0.00077 (J)	
9/18/2018	<0.005	
3/27/2019	<0.005	
9/16/2019	0.0004 (JD)	
3/12/2020	0.00039 (J)	
9/17/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	0.0013 (J)	
8/17/2022	<0.005	
2/21/2023	<0.005	
7/31/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.005	
6/18/2015	<0.005 (D)	
7/2/2015	<0.005	
10/8/2015	<0.005	
3/22/2016	<0.005	
5/25/2016	<0.005	
8/2/2016	<0.005	
9/26/2016	<0.005	
11/21/2016	<0.005	
2/3/2017	<0.005	
4/7/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	0.0006 (J)	
9/18/2018	<0.005	
5/6/2019	0.00063 (J)	
9/16/2019	0.00043 (J)	
3/16/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	0.00082 (J)	
8/10/2021	<0.005	
2/2/2022	0.0011 (J)	
8/17/2022	<0.005	
2/20/2023	<0.005	
7/31/2023	<0.005	
2/26/2024		<0.005
8/12/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/15/2008	0.0086	
3/6/2008	<0.005	
5/13/2008	<0.005	
12/12/2008	0.0065	
4/16/2009	<0.005	
10/13/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/8/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/9/2014	<0.005	
9/30/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	<0.005 (D)	
3/30/2016	0.00116 (J)	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/21/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005 (D)	
3/21/2019	<0.005	
9/16/2019	0.00044 (J)	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	0.0013 (J)	
8/17/2022	<0.005	
2/21/2023	0.0028 (J)	
7/31/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	0.02	
10/23/2007	0.039	
11/18/2007	0.04 (J)	
1/30/2008	0.04	
3/10/2008	0.033	
5/13/2008	0.03	
12/5/2008	0.0087	
4/15/2009	0.023	
10/7/2009	0.15 (O)	
5/3/2010	0.025	
10/12/2010	0.029	
4/27/2011	0.026	
10/17/2011	0.021	
5/2/2012	0.0212	
10/8/2012	0.019	
4/12/2013	0.022	
10/16/2013	0.02	
4/11/2014	0.018	
9/30/2014	0.013	
3/30/2015	0.021	
10/13/2015	0.012	
3/22/2016	0.0182	
5/19/2016	0.0193	
7/29/2016	0.0174	
9/23/2016	0.0168	
11/9/2016	0.0171	
1/30/2017	0.019	
3/30/2017	0.0184	
6/9/2017	0.0174	
10/2/2017	0.0167	
3/16/2018	0.016	
9/17/2018	0.015 (D)	
3/20/2019	0.019	
9/12/2019	0.018	
3/11/2020	0.016	
9/15/2020	0.019	
3/16/2021	0.018	
8/9/2021	0.019	
2/1/2022	0.015	
8/16/2022	0.017	
2/16/2023	0.018	
7/27/2023	0.018	
2/22/2024		0.018
8/7/2024		0.015
2/27/2025		0.017

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	0.0073	
10/24/2007	0.027	
11/18/2007	0.13 (O)	
1/31/2008	0.0077	
3/11/2008	0.015	
5/6/2008	0.017	
12/4/2008	0.14 (O)	
4/21/2009	0.018	
10/7/2009	0.014	
4/26/2010	0.017	
10/4/2010	0.011	
4/13/2011	0.026	
10/5/2011	0.021	
4/11/2012	0.0311	
10/9/2012	0.018	
4/15/2013	0.056	
10/15/2013	0.018	
4/22/2014	0.035	
9/30/2014	0.0041	
3/30/2015	0.036	
10/13/2015	0.0048	
3/23/2016	0.0271	
5/20/2016	0.0206	
7/29/2016	0.0275	
9/23/2016	0.0384	
11/9/2016	0.0266	
1/31/2017	0.0094 (J)	
3/30/2017	0.0262	
6/12/2017	0.0288	
10/2/2017	0.0048 (J)	
3/19/2018	0.037	
9/14/2018	0.0059 (J)	
3/20/2019	0.0072 (J)	
9/12/2019	0.0058 (JD)	
3/11/2020	0.035	
9/15/2020	0.019	
3/17/2021	0.025	
8/9/2021	0.024	
2/1/2022	0.026	
8/16/2022	0.021	
2/16/2023	0.029	
7/27/2023	0.02	
2/22/2024		0.021
8/7/2024		0.017
2/27/2025		0.024

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	0.0098	
10/24/2007	0.015	
11/18/2007	0.011	
1/31/2008	0.13 (O)	
3/10/2008	0.0078	
5/13/2008	0.0077	
12/4/2008	0.0089	
4/21/2009	0.013	
10/8/2009	0.008	
4/21/2010	0.01	
9/28/2010	0.0036	
4/12/2011	0.0084	
10/4/2011	0.0066	
4/3/2012	0.0625 (O)	
10/9/2012	0.01	
4/11/2013	0.021	
10/16/2013	0.033	
4/10/2014	0.021	
9/30/2014	0.0062	
3/30/2015	0.011	
10/13/2015	0.0065	
3/23/2016	0.0206	
5/19/2016	0.0109	
7/29/2016	0.007 (J)	
9/22/2016	0.0071 (J)	
11/10/2016	0.0052 (J)	
1/31/2017	0.0076 (J)	
4/3/2017	0.007 (J)	
6/9/2017	0.0074 (J)	
10/2/2017	0.0085 (J)	
3/16/2018	0.015	
9/14/2018	0.0095 (J)	
3/19/2019	0.024	
9/13/2019	0.012	
3/11/2020	0.027	
9/15/2020	0.013	
3/16/2021	0.013	
8/9/2021	0.029	
2/1/2022	0.024	
8/16/2022	0.027	
2/16/2023	0.028	
7/27/2023	0.024	
2/26/2024		0.021
8/6/2024		0.015
2/27/2025		0.028

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	0.0113 (D)	
7/27/2016	0.0114 (D)	
2/21/2017	0.0178	
3/27/2017	0.0162 (D)	
6/8/2017	0.0156 (D)	
7/17/2017	0.016 (D)	
7/27/2017	0.0184	
8/9/2017	0.0162	
9/29/2017	0.0159 (D)	
3/16/2018	0.016	
9/14/2018	0.015	
3/14/2019	0.018	
3/9/2020	0.017	
9/16/2020	0.027	
3/16/2021	0.014	
8/6/2021	0.014	
2/2/2022	0.013	
8/16/2022	0.013	
2/14/2023	0.014	
7/25/2023	0.014	
2/19/2024		0.015
8/1/2024		0.014
2/26/2025		0.016

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	0.0234	
5/11/2016	0.00793 (J)	
7/19/2016	0.0045 (J)	
9/15/2016	0.0057 (J)	
11/2/2016	0.0043 (J)	
1/18/2017	<0.01 (*)	
3/28/2017	0.0188	
6/7/2017	0.0273	
9/26/2017	0.0236	
3/14/2018	0.027	
9/12/2018	0.022	
3/15/2019	0.019	
9/9/2019	0.015	
3/9/2020	0.0072 (J)	
9/10/2020	0.0042 (J)	
3/12/2021	0.014	
8/4/2021	0.011	
1/31/2022	0.013	
8/10/2022	0.01	
2/13/2023	0.018	
7/26/2023	0.016	
2/19/2024		0.013
8/1/2024		0.011
2/25/2025		0.019

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	0.015 (O)	
11/2/2007	0.017 (O)	
11/18/2007	0.019 (O)	
1/31/2008	0.011 (O)	
3/11/2008	0.016 (O)	
5/14/2008	0.013 (O)	
12/5/2008	0.021 (O)	
4/15/2009	0.012 (O)	
10/8/2009	0.011 (O)	
4/28/2010	0.0081	
10/6/2010	0.0083	
4/21/2011	0.0053	
10/13/2011	0.0071	
5/1/2012	0.0067	
10/9/2012	0.0055	
4/11/2013	0.0061	
10/16/2013	0.0062	
4/23/2014	0.0047	
10/4/2014	0.0055	
3/31/2015	0.0076	
10/12/2015	0.0049	
3/23/2016	0.00742 (J)	
5/23/2016	0.00532 (J)	
7/29/2016	0.0053 (J)	
9/22/2016	0.0058 (J)	
11/10/2016	0.0051 (J)	
1/31/2017	0.0054 (J)	
3/30/2017	0.0049 (J)	
6/12/2017	<0.01	
10/4/2017	0.0047 (J)	
3/19/2018	0.0047 (J)	
9/17/2018	0.0041 (J)	
3/20/2019	0.0042 (J)	
9/13/2019	0.0042 (J)	
3/11/2020	0.0041 (J)	
3/29/2021	0.0073	
8/9/2021	0.0073	
2/2/2022	0.0064	
8/16/2022	0.0067	
2/17/2023	0.0065	
8/1/2023	0.0074	
2/22/2024		0.0074
8/8/2024		0.0068
2/26/2025		0.0075

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	0.0101	
5/11/2016	0.00992 (J)	
7/21/2016	0.009 (J)	
9/15/2016	0.0109	
11/3/2016	0.0115	
1/17/2017	0.0101	
3/24/2017	0.0086 (J)	
5/24/2017	0.0087 (J)	
9/26/2017	0.0075 (J)	
3/14/2018	0.0064 (J)	
9/12/2018	0.0075 (J)	
3/13/2019	0.0076 (J)	
9/9/2019	0.0078 (J)	
3/9/2020	0.0088 (J)	
9/11/2020	0.0079 (J)	
3/10/2021	0.0083	
8/4/2021	0.008	
1/31/2022	0.0081	
8/12/2022	0.0076	
2/13/2023	0.0075	
7/26/2023	0.0081	
2/19/2024		0.0083
8/1/2024		0.0073
2/25/2025		0.0083

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	0.0291	
5/12/2016	0.0322	
7/20/2016	0.0313	
9/15/2016	0.0217	
11/3/2016	0.0272	
1/18/2017	0.0286 (J)	
3/24/2017	0.0307	
6/6/2017	0.0242	
9/25/2017	0.0252	
3/14/2018	0.021	
9/12/2018	0.025	
3/14/2019	0.028	
9/10/2019	0.0195 (D)	
3/6/2020	0.022	
9/10/2020	0.024	
3/11/2021	0.024	
8/4/2021	0.021	
1/31/2022	0.022	
8/11/2022	0.022	
2/13/2023	0.029	
7/25/2023	0.018	
2/19/2024		0.017
8/1/2024		0.014
2/25/2025		0.019

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	0.0462	
5/13/2016	0.0265	
7/21/2016	0.0243	
9/21/2016	0.0145	
11/3/2016	0.0082 (J)	
1/17/2017	0.007 (J)	
3/27/2017	0.016	
6/6/2017	0.0301	
9/25/2017	0.0169	
3/14/2018	0.036	
9/12/2018	0.021	
3/14/2019	0.04	
9/10/2019	0.031	
3/9/2020	0.031	
9/10/2020	0.031	
3/10/2021	0.023	
8/4/2021	0.021	
1/31/2022	0.031	
8/11/2022	0.019	
2/13/2023	0.028	
7/25/2023	0.023	
2/19/2024		0.027
8/1/2024		0.044
2/25/2025		0.037

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	0.00639 (J)	
5/16/2016	0.00622 (J)	
7/22/2016	0.0062 (J)	
9/19/2016	0.0064 (J)	
11/3/2016	0.0058 (J)	
1/17/2017	0.0061 (J)	
3/27/2017	0.0063 (J)	
6/7/2017	0.0064 (J)	
9/26/2017	0.006 (J)	
3/14/2018	0.0065 (J)	
9/14/2018	0.0065 (J)	
3/14/2019	0.0066 (J)	
9/10/2019	0.0068 (J)	
3/6/2020	0.0066 (J)	
9/10/2020	0.0059 (J)	
3/11/2021	0.0061	
8/4/2021	0.0061	
1/31/2022	0.0063	
8/10/2022	0.0063	
2/13/2023	0.0061	
7/26/2023	0.0064	
2/20/2024		0.007
8/1/2024		0.0063
2/25/2025		0.0071

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.0116	
5/13/2016	0.0361	
7/19/2016	0.036	
9/16/2016	0.0259	
11/2/2016	0.037	
1/18/2017	0.0248	
3/28/2017	0.0222	
6/6/2017	0.02	
9/22/2017	0.0179	
3/14/2018	0.016	
9/12/2018	0.017	
3/13/2019	0.014	
9/11/2019	0.015	
3/9/2020	0.012	
9/11/2020	0.024	
3/11/2021	0.0096	
8/6/2021	0.015	
1/31/2022	0.014	
8/11/2022	0.016	
2/14/2023	0.011	
7/25/2023	0.012	
2/20/2024		0.011
8/2/2024		0.0099
2/25/2025		0.01

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	0.00819 (J)	
5/13/2016	0.00756 (J)	
7/19/2016	0.0079 (J)	
9/16/2016	0.0078 (J)	
11/2/2016	0.0082 (J)	
1/18/2017	0.0085 (J)	
3/28/2017	0.0084 (J)	
6/6/2017	0.0078 (J)	
9/22/2017	0.0076 (J)	
3/15/2018	0.0092 (J)	
9/12/2018	0.008 (J)	
3/13/2019	0.0077 (J)	
9/11/2019	0.0079 (J)	
3/9/2020	0.0069 (J)	
9/14/2020	0.0075 (J)	
3/11/2021	0.0069	
8/5/2021	0.0069	
1/31/2022	0.0076	
8/10/2022	0.0066	
2/13/2023	0.0064	
7/25/2023	0.0073	
2/20/2024		0.0074
8/2/2024		0.0072
2/25/2025		0.0074

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.0273	
4/7/2017	0.024	
6/14/2017	0.027 (D)	
7/12/2017	0.027 (D)	
7/20/2017	0.0304 (D)	
7/28/2017	0.0269	
8/9/2017	0.0254	
8/24/2017	0.0285	
10/3/2017	0.0294 (D)	
3/21/2018	0.03	
9/18/2018	0.032	
3/21/2019	0.04 (D)	
9/12/2019	0.034 (D)	
3/12/2020	0.053	
9/17/2020	0.036	
3/16/2021	0.042	
8/10/2021	0.045	
2/3/2022	0.063	
8/17/2022	0.034	
2/17/2023	0.043	
7/28/2023	0.043	
2/27/2024		0.046
8/8/2024		0.053
2/28/2025		0.043

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	0.098 (O)	
4/23/2009	0.013	
10/6/2009	0.011	
4/27/2010	0.016	
9/30/2010	0.013	
4/14/2011	0.011	
10/5/2011	0.015	
4/11/2012	0.0102	
10/2/2012	0.0091	
4/9/2013	0.01	
10/15/2013	0.0098	
4/10/2014	0.011	
10/1/2014	0.0033	
3/30/2015	0.0043	
10/11/2015	0.0038	
3/28/2016	0.0133	
5/23/2016	0.0109	
8/1/2016	0.0058 (J)	
9/26/2016	0.0092 (J)	
11/10/2016	0.0083 (J)	
1/30/2017	0.0117	
4/7/2017	0.0109	
6/12/2017	<0.01	
10/2/2017	0.0122	
3/16/2018	0.0084 (J)	
9/17/2018	0.01	
3/19/2019	0.012	
9/13/2019	0.0088 (J)	
3/11/2020	0.0077 (J)	
9/16/2020	0.0081 (J)	
3/17/2021	0.0074	
8/9/2021	0.0071	
2/1/2022	0.0065	
8/16/2022	0.0072	
2/16/2023	0.0067	
7/28/2023	0.0075	
2/22/2024		0.0073
8/8/2024		0.0073
2/27/2025		0.0074

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	0.016	
4/23/2009	0.14 (O)	
10/6/2009	0.12 (O)	
5/3/2010	0.12 (O)	
10/11/2010	0.019	
4/27/2011	0.02	
10/19/2011	0.014	
5/1/2012	0.0199	
10/2/2012	0.015	
4/10/2013	0.016	
10/16/2013	0.017	
4/22/2014	0.017	
10/1/2014	0.013	
3/30/2015	0.014	
10/11/2015	0.0093	
3/28/2016	0.0155	
5/25/2016	0.0143	
8/1/2016	0.0129	
9/26/2016	0.0177	
11/11/2016	0.0117	
1/30/2017	0.0113	
4/3/2017	0.0166	
6/12/2017	0.017	
10/2/2017	0.0157	
3/16/2018	0.012	
9/18/2018	0.0099 (J)	
3/19/2019	0.013	
9/12/2019	0.011	
3/11/2020	0.0095 (J)	
9/15/2020	0.0089 (J)	
3/17/2021	0.012	
8/9/2021	0.0089	
2/2/2022	0.009	
8/17/2022	0.0091	
2/16/2023	0.0081	
7/28/2023	0.0079	
2/22/2024		0.008
8/8/2024		0.0079
2/28/2025		0.0081

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	0.021	
11/1/2007	0.017	
11/20/2007	0.1 (O)	
1/30/2008	0.035	
3/6/2008	0.042	
5/12/2008	0.0087	
12/13/2008	0.12 (O)	
4/29/2009	0.11 (O)	
10/20/2009	0.016	
4/26/2010	0.016	
9/29/2010	0.016	
4/13/2011	0.012	
10/5/2011	0.014	
4/4/2012	0.017	
10/3/2012	0.015	
4/3/2013	0.018	
10/15/2013	0.018	
4/9/2014	0.019	
10/2/2014	0.016	
4/2/2015	0.017	
10/10/2015	0.014	
3/31/2016	0.0179	
5/26/2016	0.0186	
8/5/2016	0.0138	
9/28/2016	0.0153	
11/22/2016	0.0184 (J)	
2/7/2017	0.0215	
4/10/2017	0.0247	
6/14/2017	0.0227	
10/4/2017	0.0172	
3/20/2018	0.021	
9/18/2018	0.02	
3/22/2019	0.024	
9/17/2019	0.016	
3/12/2020	0.026	
9/17/2020	0.013	
3/18/2021	0.025	
8/10/2021	0.023	
2/4/2022	0.022	
8/17/2022	0.016	
2/20/2023	0.02	
7/31/2023	0.015	
2/27/2024		0.024
8/12/2024		0.014
2/28/2025		0.024

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	0.027	
11/1/2007	0.024	
11/20/2007	0.022	
1/30/2008	0.033 (J)	
3/6/2008	0.019	
5/8/2008	0.017	
12/14/2008	0.02	
4/29/2009	0.017	
10/21/2009	0.021	
4/21/2010	0.019	
9/28/2010	0.018	
4/12/2011	0.017	
10/4/2011	0.022	
4/3/2012	0.0212	
10/8/2012	0.019	
4/3/2013	0.021	
10/15/2013	0.022	
4/9/2014	0.02	
10/2/2014	0.023	
4/2/2015	0.022	
10/12/2015	0.028	
3/31/2016	0.0273	
5/26/2016	0.0305	
8/3/2016	0.0284	
9/28/2016	0.036	
11/22/2016	0.0341 (J)	
2/7/2017	0.0309	
4/10/2017	0.0235	
6/14/2017	0.0258	
10/4/2017	0.0234	
3/21/2018	0.022	
9/18/2018	0.03	
3/22/2019	0.022	
9/17/2019	0.03	
3/12/2020	0.028	
9/17/2020	0.022	
3/18/2021	0.027	
8/11/2021	0.027	
2/4/2022	0.028	
8/18/2022	0.025	
2/20/2023	0.024	
7/31/2023	0.024	
2/27/2024		0.028
8/12/2024		0.029
3/3/2025		0.025

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	0.034	
11/1/2007	0.036	
11/18/2007	0.036	
1/30/2008	0.031 (J)	
3/5/2008	0.018	
5/7/2008	0.015	
12/14/2008	0.12 (O)	
4/29/2009	0.0079	
10/22/2009	0.007	
4/21/2010	0.0074	
9/28/2010	0.0068	
4/12/2011	0.0089	
10/4/2011	0.012	
4/3/2012	0.0169	
10/3/2012	0.03	
4/3/2013	0.008	
10/9/2013	0.0093	
4/2/2014	0.031	
10/2/2014	0.035	
4/1/2015	0.013	
10/11/2015	0.0079	
4/4/2016	0.0119	
5/26/2016	0.0127	
8/3/2016	0.0121	
9/28/2016	0.0112	
11/22/2016	0.0155 (J)	
2/8/2017	0.0115	
4/10/2017	<0.0117	
6/15/2017	0.0112	
10/4/2017	0.0093 (J)	
3/21/2018	0.012	
9/18/2018	0.011	
3/23/2019	0.0081 (J)	
9/17/2019	0.011	
3/12/2020	0.0086 (J)	
9/21/2020	0.0093 (J)	
3/19/2021	0.011	
8/11/2021	0.0086	
2/4/2022	0.01	
8/18/2022	0.0078	
2/20/2023	0.0071	
8/1/2023	0.0096	
2/28/2024		0.01
8/13/2024		0.0068
3/4/2025		0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	0.01	
11/1/2007	0.012	
11/18/2007	0.011	
1/30/2008	0.013	
3/6/2008	0.017	
5/7/2008	0.0066	
12/14/2008	0.013	
4/29/2009	0.0098	
10/22/2009	0.013	
4/21/2010	0.0069	
9/29/2010	0.0049	
4/13/2011	0.0074	
10/4/2011	0.0062	
4/4/2012	0.0091	
10/3/2012	0.0089	
4/3/2013	0.012	
10/9/2013	0.0079	
4/2/2014	0.0086	
10/2/2014	0.01	
4/1/2015	0.019	
10/11/2015	0.014	
4/4/2016	0.0176	
5/26/2016	0.0195	
8/4/2016	0.0151	
9/28/2016	0.0132	
11/22/2016	0.0186 (J)	
2/8/2017	0.015	
4/10/2017	0.0172	
6/15/2017	0.0167	
10/4/2017	0.0156	
3/22/2018	0.017	
9/18/2018	0.017	
3/23/2019	0.019	
9/17/2019	0.018	
3/12/2020	0.021	
9/21/2020	0.016	
3/19/2021	0.021	
8/11/2021	0.021	
2/4/2022	0.021	
8/18/2022	0.019	
2/20/2023	0.02	
8/1/2023	0.018	
2/28/2024		0.02
8/12/2024		0.019
3/3/2025		0.021

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	0.023	
11/1/2007	0.034	
11/19/2007	0.043	
1/16/2008	0.13 (O)	
3/5/2008	0.07 (o)	
5/13/2008	0.039	
12/13/2008	0.13 (O)	
4/16/2009	0.13 (O)	
10/21/2009	0.033	
4/27/2010	0.11 (O)	
10/5/2010	0.027	
4/19/2011	0.025	
10/12/2011	0.025	
4/24/2012	0.027	
10/2/2012	0.013	
4/2/2013	0.031	
10/9/2013	0.025	
4/1/2014	0.023	
10/2/2014	0.025	
4/1/2015	0.025	
10/14/2015	0.027	
4/4/2016	0.0285	
5/27/2016	0.0257	
8/3/2016	0.0237	
9/30/2016	0.0279	
11/22/2016	0.0286 (J)	
2/13/2017	0.0313	
4/11/2017	0.0254	
6/14/2017	0.0241	
10/4/2017	0.0256	
3/22/2018	0.024	
9/18/2018	0.025	
3/23/2019	0.024	
9/17/2019	0.0245 (D)	
3/12/2020	0.023	
9/21/2020	0.023	
3/19/2021	0.024	
8/11/2021	0.025	
2/2/2022	0.023	
8/18/2022	0.022	
2/21/2023	0.023	
8/1/2023	0.022	
2/27/2024		0.023
8/12/2024		0.024
3/4/2025		0.023

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	0.065	
11/1/2007	0.019	
11/19/2007	0.015	
1/31/2008	0.022	
3/5/2008	0.012	
5/12/2008	0.014	
12/13/2008	0.11 (O)	
4/28/2009	0.12 (O)	
10/21/2009	0.023	
4/28/2010	0.019	
10/5/2010	0.018	
4/19/2011	0.019	
10/18/2011	0.025	
4/25/2012	0.024	
10/2/2012	0.019	
4/2/2013	0.021	
10/8/2013	0.027	
4/1/2014	0.023	
10/1/2014	0.014	
4/1/2015	0.027	
10/15/2015	0.033	
4/4/2016	0.027	
5/31/2016	0.0283	
8/4/2016	0.0358	
9/29/2016	0.0437	
11/28/2016	0.0419 (J)	
2/9/2017	0.0472	
4/12/2017	0.0383	
6/16/2017	0.0457	
10/9/2017	0.0406	
3/21/2018	0.032	
9/19/2018	0.034	
3/23/2019	0.023	
9/18/2019	0.033	
3/13/2020	0.023	
9/22/2020	0.027	
3/18/2021	0.023	
8/11/2021	0.025	
2/17/2022	0.02	
8/18/2022	0.021	
2/22/2023	0.022	
8/1/2023	0.026	
2/27/2024		0.025
8/12/2024		0.026
3/3/2025		0.025

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	0.0095	
11/1/2007	0.02	
11/19/2007	0.023	
1/31/2008	0.028	
3/5/2008	0.022	
5/7/2008	0.019	
12/12/2008	0.19 (O)	
4/29/2009	0.14 (O)	
10/21/2009	0.034	
4/28/2010	0.11 (O)	
10/6/2010	0.018	
4/20/2011	0.015	
10/12/2011	0.019	
4/25/2012	0.0158	
10/2/2012	0.036	
4/2/2013	0.039	
10/8/2013	0.016	
4/1/2014	0.017	
10/1/2014	0.018	
3/31/2015	0.021	
10/14/2015	0.013	
4/4/2016	0.0222	
6/1/2016	0.0283	
2/22/2017	0.0561	
4/11/2017	0.0748	
6/16/2017	0.0661	
7/12/2017	0.0932	
7/28/2017	0.0808	
8/10/2017	0.0743	
10/6/2017	0.0699	
12/28/2017	0.082 (Y)	
3/23/2018	0.086	
9/20/2018	0.093	
3/22/2019	0.086	
9/18/2019	0.097	
3/17/2020	0.097	
9/22/2020	0.095	
3/19/2021	0.086	
8/12/2021	0.094	
2/4/2022	0.11	
8/19/2022	0.1	
2/22/2023	0.099	
8/2/2023	0.092	
2/28/2024		0.097
8/13/2024		0.087
3/4/2025		0.095

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.0089	
11/2/2007	0.0091	
11/17/2007	0.021	
1/15/2008	0.013	
3/5/2008	0.11 (O)	
5/7/2008	0.01	
12/2/2008	0.12 (O)	
4/16/2009	0.13 (O)	
10/20/2009	0.05	
4/20/2010	0.019	
9/29/2010	0.017	
4/12/2011	0.014	
10/4/2011	0.017	
4/4/2012	0.0182	
10/10/2012	0.048	
4/15/2013	0.03	
10/22/2013	0.033	
4/21/2014	0.033	
9/30/2014	0.027	
4/3/2015	0.13 (O)	
10/7/2015	0.047	
4/5/2016	0.0279	
6/1/2016	0.0249	
8/9/2016	0.0268	
11/28/2016	<0.01	
2/9/2017	0.0119	
4/11/2017	0.0112 (D)	
6/14/2017	<0.01	
7/12/2017	0.0105	
10/5/2017	0.0099 (J)	
3/22/2018	0.011	
9/19/2018	0.013	
3/22/2019	0.014	
9/17/2019	0.015	
3/13/2020	0.017	
9/21/2020	0.013	
3/18/2021	0.014	
8/11/2021	0.016	
2/4/2022	0.014	
8/18/2022	0.014	
2/22/2023	0.014	
8/1/2023	0.013	
2/28/2024		0.012
8/13/2024		0.013
3/3/2025		0.014

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	0.015	
11/2/2007	0.024	
11/17/2007	0.027	
1/15/2008	0.022	
3/6/2008	0.021	
5/7/2008	0.023	
12/2/2008	0.024	
4/28/2009	0.031	
10/19/2009	0.027	
4/27/2010	0.051 (O)	
10/4/2010	0.028	
4/18/2011	0.026	
10/12/2011	0.026	
4/23/2012	0.0224	
10/10/2012	0.024	
4/15/2013	0.029	
10/22/2013	0.022	
4/21/2014	0.025	
9/30/2014	0.022	
4/3/2015	0.022	
10/7/2015	0.023	
4/5/2016	0.0308	
5/31/2016	0.0255	
8/4/2016	0.0227	
9/29/2016	0.0258	
11/23/2016	0.0263 (J)	
2/10/2017	0.025	
4/12/2017	0.026	
6/15/2017	0.0244	
10/6/2017	0.0254	
3/23/2018	0.021	
9/19/2018	0.02	
3/25/2019	0.021	
9/17/2019	0.023	
3/13/2020	0.02	
9/21/2020	0.021	
3/18/2021	0.02	
8/11/2021	0.019	
2/4/2022	0.017	
8/19/2022	0.016	
2/22/2023	0.016	
8/2/2023	0.015	
2/28/2024		0.014
8/13/2024		0.012
3/3/2025		0.013

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	0.017	
11/2/2007	0.011	
11/18/2007	0.012 (J)	
1/15/2008	0.088 (O)	
3/10/2008	0.0077	
5/13/2008	0.0055	
12/2/2008	0.0097	
4/28/2009	0.0042	
10/20/2009	0.0056	
4/27/2010	0.0039	
10/5/2010	0.0047	
4/19/2011	0.0071	
10/12/2011	0.0098	
4/25/2012	0.0088	
10/10/2012	0.0093	
4/16/2013	0.0098	
10/22/2013	0.0097	
4/21/2014	0.008	
9/30/2014	0.0074	
4/3/2015	0.0076	
10/6/2015	0.0088	
4/5/2016	0.00971 (J)	
5/31/2016	0.00589 (J)	
11/23/2016	<0.05	
2/10/2017	0.0233	
4/11/2017	0.0162	
6/15/2017	0.0148	
7/12/2017	0.0166	
7/26/2017	0.0146	
10/6/2017	0.015	
3/23/2018	0.013	
9/19/2018	0.015	
3/22/2019	0.014	
9/17/2019	0.014	
3/13/2020	0.014	
9/21/2020	0.013	
3/18/2021	0.012	
8/11/2021	0.013	
2/7/2022	0.012	
8/19/2022	0.011	
2/22/2023	0.01	
8/1/2023	0.011	
2/28/2024		0.01
8/13/2024		0.01
3/3/2025		0.011

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	0.0545	
5/16/2016	0.0418	
7/25/2016	0.0179	
9/19/2016	0.0152	
11/3/2016	0.0127	
1/19/2017	0.0172	
3/28/2017	0.0437	
6/5/2017	0.0747	
9/26/2017	0.0338	
3/15/2018	0.059	
9/12/2018	0.032	
3/14/2019	0.077	
9/11/2019	0.036	
3/10/2020	0.059	
9/15/2020	0.035	
3/11/2021	0.046	
8/4/2021	0.047	
1/31/2022	0.047	
8/15/2022	0.04	
2/14/2023	0.042	
7/26/2023	0.02	
2/20/2024		0.033
8/6/2024		0.013
2/26/2025		0.03

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	0.00599 (J)	
5/16/2016	0.006 (J)	
7/25/2016	0.0056 (J)	
9/19/2016	0.0059 (J)	
11/4/2016	0.0054 (J)	
1/23/2017	0.006 (J)	
3/29/2017	0.0058 (J)	
6/7/2017	0.0062 (J)	
9/27/2017	0.0056 (J)	
3/15/2018	0.0057 (J)	
9/13/2018	0.0057 (J)	
3/14/2019	0.0066 (J)	
9/11/2019	0.0061 (J)	
3/10/2020	0.0061 (J)	
9/11/2020	0.006 (J)	
3/11/2021	0.0059	
8/6/2021	0.0061	
2/1/2022	0.0072	
8/12/2022	0.0064	
2/14/2023	0.0067	
7/26/2023	0.007	
2/20/2024		0.0078
8/5/2024		0.0064
2/26/2025		0.0069

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	0.0244	
5/16/2016	0.0222	
7/25/2016	0.02	
9/19/2016	0.019	
11/3/2016	0.0177	
1/20/2017	0.0173	
3/29/2017	0.0184	
6/7/2017	0.019	
9/27/2017	0.0197	
3/15/2018	0.021	
9/13/2018	0.022	
3/14/2019	0.024	
9/11/2019	0.021	
3/10/2020	0.024	
9/11/2020	0.021	
3/11/2021	0.022	
8/6/2021	0.023	
2/1/2022	0.026	
8/12/2022	0.022	
2/14/2023	0.025	
7/26/2023	0.022	
2/20/2024		0.02
8/5/2024		0.02
2/26/2025		0.02

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	0.0209	
5/17/2016	0.0202	
7/26/2016	0.0165	
9/20/2016	0.0132	
11/4/2016	0.012	
1/20/2017	0.0133	
3/28/2017	0.0161	
6/7/2017	0.0141	
9/29/2017	0.0151	
3/15/2018	0.015	
9/13/2018	0.014	
3/18/2019	0.014	
9/11/2019	0.013	
3/10/2020	0.013	
9/14/2020	0.013	
3/11/2021	0.012	
8/5/2021	0.013	
1/31/2022	0.011	
8/15/2022	0.0098	
2/14/2023	0.011	
7/26/2023	0.011	
2/21/2024		0.011
8/5/2024		0.01
2/26/2025		0.012

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	0.0144	
5/18/2016	0.0136	
7/27/2016	0.013	
9/20/2016	0.0146	
11/7/2016	0.0124	
1/23/2017	0.0158	
3/29/2017	0.017	
6/8/2017	0.0149	
9/27/2017	0.012	
3/15/2018	0.011	
9/13/2018	0.011	
3/15/2019	0.01	
9/12/2019	0.0085 (J)	
3/9/2020	0.0089 (J)	
9/14/2020	0.0082 (J)	
3/11/2021	0.0083	
8/5/2021	0.0077	
2/1/2022	0.0081	
8/15/2022	0.0074	
2/14/2023	0.0075	
7/27/2023	0.0083	
2/21/2024		0.0087
8/5/2024		0.0083
2/26/2025		0.009

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	0.0344	
5/18/2016	0.0184	
7/27/2016	0.0146	
9/20/2016	0.0122	
11/4/2016	0.0119	
1/20/2017	0.0114	
3/29/2017	0.0116	
6/8/2017	<0.011 (*)	
9/27/2017	0.0098 (J)	
3/16/2018	0.01	
9/13/2018	0.0092 (J)	
3/19/2019	0.0088 (J)	
9/11/2019	0.0097 (J)	
3/9/2020	0.0082 (J)	
9/15/2020	0.0084 (J)	
3/11/2021	0.0073	
8/5/2021	0.0069	
2/1/2022	0.0077	
8/15/2022	0.0077	
2/14/2023	0.0072	
7/27/2023	0.0076	
2/21/2024		0.0075
8/5/2024		0.0076
2/26/2025		0.0084

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.0361	
5/17/2016	0.0277	
7/27/2016	0.0276	
9/20/2016	0.0266	
11/4/2016	0.0239	
1/23/2017	<0.01	
3/28/2017	0.024	
6/8/2017	0.0317	
9/29/2017	0.0265	
3/15/2018	0.029	
9/13/2018	0.026	
3/15/2019	0.026	
9/11/2019	0.0295 (D)	
3/9/2020	0.029	
9/14/2020	0.035	
3/11/2021	0.038	
5/26/2021	0.039	
8/4/2021	0.034	
1/31/2022	0.038	
8/15/2022	0.045	
2/14/2023	0.04	
7/26/2023	0.048	
2/21/2024		0.049
8/5/2024		0.045
2/26/2025		0.055

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	0.0112	
5/18/2016	0.0107	
7/27/2016	0.0104	
9/21/2016	0.0106	
11/4/2016	0.0098 (J)	
1/24/2017	0.0101	
3/29/2017	0.0103	
6/8/2017	<0.0106 (*)	
9/29/2017	0.0097 (J)	
3/15/2018	0.0093 (J)	
9/13/2018	0.01	
3/18/2019	0.015	
9/11/2019	0.017	
3/11/2020	0.026	
9/11/2020	0.012	
3/15/2021	0.012	
8/11/2021	0.025	
2/1/2022	0.011	
8/15/2022	0.0098	
2/14/2023	0.013	
7/27/2023	0.011	
2/21/2024		0.011
8/6/2024		0.01
2/26/2025		0.011

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	0.0121	
5/18/2016	0.0117	
7/28/2016	0.0081 (J)	
9/21/2016	0.0106	
11/7/2016	0.0047 (J)	
1/24/2017	0.0071 (J)	
3/30/2017	0.0043 (J)	
6/9/2017	<0.01 (*)	
9/29/2017	0.004 (J)	
3/15/2018	0.0032 (J)	
9/14/2018	0.004 (J)	
3/19/2019	0.0033 (J)	
9/11/2019	0.0038 (J)	
3/9/2020	0.0045 (J)	
9/14/2020	0.0027 (J)	
3/15/2021	0.0028 (J)	
8/5/2021	0.0036 (J)	
2/1/2022	0.003 (J)	
8/15/2022	0.0041 (J)	
2/14/2023	0.0041 (J)	
7/27/2023	0.0036 (J)	
2/21/2024		0.004 (J)
8/6/2024		0.0044 (J)
2/26/2025		0.0045 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.017	
10/25/2007	0.023	
11/19/2007	0.024	
1/23/2008	0.028	
3/11/2008	0.022	
5/12/2008	0.021	
12/11/2008	0.022	
4/15/2009	0.13 (O)	
10/9/2009	0.026	
5/4/2010	0.018	
10/12/2010	0.019	
4/28/2011	0.015	
10/19/2011	0.016	
5/2/2012	0.0191	
10/9/2012	0.019	
4/11/2013	0.013	
10/16/2013	0.017	
4/23/2014	0.015	
10/3/2014	0.02	
3/31/2015	0.014	
10/12/2015	0.017	
3/28/2016	0.0173	
5/25/2016	0.0175	
8/1/2016	0.0145	
9/27/2016	0.0139	
11/11/2016	0.0135	
1/31/2017	0.0153	
4/3/2017	0.0135	
6/12/2017	0.0154	
10/3/2017	0.0138	
3/19/2018	0.013	
9/17/2018	0.014	
3/20/2019	0.018	
9/16/2019	0.022	
3/16/2020	0.024	
9/16/2020	0.013	
3/17/2021	0.014	
8/9/2021	0.012	
2/2/2022	0.012	
8/16/2022	0.013	
2/20/2023	0.012	
7/28/2023	0.012	
2/26/2024		0.012
8/8/2024		0.012
2/27/2025		0.013

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	0.023	
10/25/2007	0.018	
11/20/2007	0.1 (O)	
1/23/2008	0.031	
3/11/2008	0.016	
5/14/2008	0.024	
12/11/2008	0.022	
4/23/2009	0.012	
10/9/2009	0.11 (O)	
5/4/2010	0.096 (O)	
10/11/2010	0.018	
4/26/2011	0.01	
10/18/2011	0.012	
5/2/2012	0.0119	
10/8/2012	0.01	
4/10/2013	0.013	
10/8/2013	0.014	
4/14/2014	0.01	
10/3/2014	0.014	
4/1/2015	0.013	
10/9/2015	0.008	
3/29/2016	0.00738 (J)	
5/24/2016	0.00902 (J)	
8/1/2016	0.0091 (J)	
9/26/2016	0.0124	
11/18/2016	0.0117	
2/1/2017	0.0086 (J)	
4/6/2017	0.0083 (J)	
6/13/2017	<0.01	
10/3/2017	0.0084 (J)	
3/19/2018	0.0079 (J)	
9/17/2018	0.0065 (J)	
3/21/2019	0.0074 (J)	
9/16/2019	0.0075 (J)	
3/12/2020	0.0075 (J)	
9/16/2020	0.0074 (J)	
3/17/2021	0.0075	
8/10/2021	0.0074	
2/2/2022	0.0064	
8/17/2022	0.0065	
2/17/2023	0.0067	
7/31/2023	0.0067	
2/26/2024		0.006
8/8/2024		0.0064
2/27/2025		0.0066

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	0.016	
6/18/2015	0.015 (D)	
7/2/2015	0.014	
10/9/2015	0.012	
3/29/2016	0.00786 (J)	
5/24/2016	0.00847 (J)	
8/1/2016	0.0086 (J)	
9/26/2016	0.0086 (J)	
11/14/2016	0.0083 (J)	
2/1/2017	0.0096 (J)	
4/6/2017	0.0087 (J)	
6/13/2017	<0.01	
10/3/2017	0.0098 (J)	
3/20/2018	0.0088 (J)	
9/17/2018	0.0082 (J)	
3/21/2019	0.0075 (J)	
9/16/2019	0.0072 (J)	
3/12/2020	0.0072 (J)	
9/16/2020	0.0066 (J)	
3/17/2021	0.0072	
8/10/2021	0.0072	
2/2/2022	0.0066	
8/17/2022	0.0068	
2/17/2023	0.0067	
7/28/2023	0.0062	
2/26/2024		0.0067
8/8/2024		0.0058
2/27/2025		0.0068

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	0.0178	
8/2/2016	0.0394	
9/27/2016	0.032	
11/21/2016	0.0316 (J)	
2/1/2017	0.0264	
4/6/2017	0.0245	
6/13/2017	0.0247	
7/14/2017	0.0245	
10/3/2017	0.0218	
3/20/2018	0.024	
9/18/2018	0.027	
3/21/2019	0.03	
9/13/2019	0.031	
3/12/2020	0.022	
9/16/2020	0.02	
3/17/2021	0.022	
8/10/2021	0.02	
2/2/2022	0.015	
8/17/2022	0.014	
2/20/2023	0.015	
7/31/2023	0.014	
2/26/2024		0.013
8/8/2024		0.011
2/27/2025		0.01

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	0.015	
4/30/2012	0.0192	
10/3/2012	0.017	
4/8/2013	0.018	
10/9/2013	0.021	
4/10/2014	0.019	
10/2/2014	0.014	
4/3/2015	0.014	
10/8/2015	0.024	
3/30/2016	0.0163	
5/24/2016	0.0137	
8/2/2016	0.0152	
9/27/2016	0.0147	
11/22/2016	0.0174 (J)	
2/6/2017	0.0144	
4/6/2017	0.0149	
6/14/2017	0.0139	
10/4/2017	0.015	
3/21/2018	0.015	
9/18/2018	0.014	
3/27/2019	0.014	
9/16/2019	0.015 (D)	
3/12/2020	0.014	
9/17/2020	0.014	
3/17/2021	0.014	
8/10/2021	0.014	
2/2/2022	0.013	
8/17/2022	0.013	
2/21/2023	0.011	
7/31/2023	0.012	
2/27/2024		0.013
8/12/2024		0.013
3/4/2025		0.013

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	0.06	
6/18/2015	0.047 (D)	
7/2/2015	0.04	
10/8/2015	0.032	
3/22/2016	0.0263	
5/25/2016	0.0178	
8/2/2016	0.0265	
9/26/2016	0.0267	
11/21/2016	0.0309 (J)	
2/3/2017	0.0289	
4/7/2017	0.029	
6/13/2017	0.027	
10/3/2017	0.0292	
3/20/2018	0.029	
9/18/2018	0.025	
5/6/2019	0.017	
9/16/2019	0.026	
3/16/2020	0.027	
9/17/2020	0.025	
3/18/2021	0.018	
8/10/2021	0.029	
2/2/2022	0.024	
8/17/2022	0.017	
2/20/2023	0.024	
7/31/2023	0.024	
2/26/2024		0.025
8/12/2024		0.026
2/28/2025		0.023

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	0.043	
11/1/2007	0.032	
11/19/2007	0.049 (J)	
1/15/2008	0.12 (O)	
3/6/2008	0.075 (O)	
5/13/2008	0.055	
12/12/2008	0.16 (O)	
4/16/2009	0.15 (O)	
10/13/2009	0.05	
4/21/2010	0.039	
9/29/2010	0.033	
4/13/2011	0.033	
10/5/2011	0.035	
4/4/2012	0.0422	
10/8/2012	0.029	
4/8/2013	0.042	
10/9/2013	0.04	
4/9/2014	0.038	
9/30/2014	0.038	
4/2/2015	0.039	
10/10/2015	0.038 (D)	
3/30/2016	0.0412	
5/26/2016	0.0357	
8/5/2016	0.03	
9/28/2016	0.0308	
11/21/2016	0.0356 (J)	
2/6/2017	0.0391	
4/6/2017	0.0402	
6/13/2017	0.0394	
10/3/2017	0.0381	
3/20/2018	0.039	
9/18/2018	0.037	
3/21/2019	0.042	
9/16/2019	0.035	
3/12/2020	0.044	
9/17/2020	0.031	
3/18/2021	0.041	
8/10/2021	0.043	
2/2/2022	0.044	
8/17/2022	0.047	
2/21/2023	0.042	
7/31/2023	0.046	
2/27/2024		0.043
8/12/2024		0.039
2/28/2025		0.05

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.0005	
10/23/2007	<0.0005	
11/18/2007	<0.0005	
1/30/2008	<0.0005	
3/10/2008	<0.0005	
5/13/2008	<0.0005	
12/5/2008	<0.0005	
4/15/2009	<0.0005	
10/7/2009	<0.0005	
5/3/2010	<0.0005	
10/12/2010	<0.0005	
4/27/2011	<0.0005	
10/17/2011	<0.0005	
5/2/2012	<0.0005	
10/8/2012	<0.0005	
4/12/2013	<0.0005	
10/16/2013	<0.0005	
4/11/2014	<0.0005	
9/30/2014	<0.0005	
3/30/2015	<0.0005	
10/13/2015	0.0003 (J)	
3/22/2016	<0.0005	
5/19/2016	<0.0005	
7/29/2016	<0.0005	
9/23/2016	<0.0005	
11/9/2016	<0.0005	
1/30/2017	<0.0005	
3/30/2017	<0.0005	
6/9/2017	<0.0005	
10/2/2017	<0.0005	
3/16/2018	<0.0005	
9/17/2018	0.00076 (JD)	
3/20/2019	<0.0005	
9/12/2019	<0.0005	
3/11/2020	<0.0005	
9/15/2020	<0.0005	
3/16/2021	<0.0005	
8/9/2021	<0.0005	
2/1/2022	<0.0005	
8/16/2022	<0.0005	
2/16/2023	<0.0005	
7/27/2023	<0.0005	
2/22/2024		<0.0005
8/7/2024		<0.0005
2/27/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.0005 (D)	
7/27/2016	0.0001 (JD)	
2/21/2017	<0.0005	
3/27/2017	<0.0005 (D)	
6/8/2017	<0.0005 (D)	
7/17/2017	<0.0005 (D)	
7/27/2017	<0.0005	
8/9/2017	<0.0005	
9/29/2017	<0.0005 (D)	
3/16/2018	<0.0005	
9/14/2018	<0.0005	
3/14/2019	<0.0005	
3/9/2020	<0.0005	
9/16/2020	<0.0005	
3/16/2021	<0.0005	
8/6/2021	<0.0005	
2/2/2022	<0.0005	
8/16/2022	<0.0005	
2/14/2023	<0.0005	
7/25/2023	<0.0005	
2/19/2024		<0.0005
8/1/2024		<0.0005
2/26/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	0.000188 (J)	
5/11/2016	0.000177 (J)	
7/19/2016	0.0001 (J)	
9/15/2016	8E-05 (J)	
11/2/2016	<0.0005	
1/18/2017	<0.0005	
3/28/2017	<0.0005	
6/7/2017	<0.0005	
9/26/2017	<0.0005	
3/14/2018	<0.0005	
9/12/2018	<0.0005	
3/15/2019	<0.0005	
9/9/2019	<0.0005	
3/9/2020	<0.0005	
9/10/2020	<0.0005	
3/12/2021	<0.0005	
8/4/2021	<0.0005	
1/31/2022	<0.0005	
8/10/2022	<0.0005	
2/13/2023	<0.0005	
7/26/2023	<0.0005	
2/19/2024		<0.0005
8/1/2024		<0.0005
2/25/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	0.000121 (J)	
5/16/2016	0.000145 (J)	
7/22/2016	<0.0005	
9/19/2016	0.0001 (J)	
11/3/2016	8E-05 (J)	
1/17/2017	0.0001 (J)	
3/27/2017	0.0002 (J)	
6/7/2017	0.0001 (J)	
9/26/2017	<0.0005	
3/14/2018	0.00011 (J)	
9/14/2018	0.00013 (J)	
3/14/2019	0.00013 (J)	
9/10/2019	0.00014 (J)	
3/6/2020	0.00014 (J)	
9/10/2020	0.00015 (J)	
3/11/2021	0.00017 (J)	
8/4/2021	0.00014 (J)	
1/31/2022	0.00018 (J)	
8/10/2022	0.00034 (J)	
2/13/2023	<0.0005	
7/26/2023	0.00013 (J)	
2/20/2024		0.00016 (J)
8/1/2024		0.00016 (J)
2/25/2025		0.00016 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.0005	
5/13/2016	<0.0005	
7/19/2016	<0.0005	
9/16/2016	<0.0005	
11/2/2016	<0.0005	
1/18/2017	<0.0005	
3/28/2017	<0.0005	
6/6/2017	8E-05 (J)	
9/22/2017	<0.0005	
3/14/2018	<0.0005	
9/12/2018	<0.0005	
3/13/2019	<0.0005	
9/11/2019	<0.0005	
3/9/2020	<0.0005	
9/11/2020	<0.0005	
3/11/2021	<0.0005	
8/6/2021	<0.0005	
1/31/2022	<0.0005	
8/11/2022	<0.0005	
2/14/2023	<0.0005	
7/25/2023	<0.0005	
2/20/2024		<0.0005
8/2/2024		<0.0005
2/25/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	<0.0005	
4/23/2009	<0.0005	
10/6/2009	<0.0005	
4/27/2010	<0.0005	
9/30/2010	<0.0005	
4/14/2011	<0.0005	
10/5/2011	<0.0005	
4/11/2012	<0.0005	
10/2/2012	<0.0005	
4/9/2013	<0.0005	
10/15/2013	<0.0005	
4/10/2014	<0.0005	
10/1/2014	<0.0005	
3/30/2015	<0.0005	
10/11/2015	0.00026 (J)	
3/28/2016	<0.0005	
5/23/2016	<0.0005	
8/1/2016	<0.0005	
9/26/2016	<0.0005	
11/10/2016	<0.0005	
1/30/2017	<0.0005	
4/7/2017	<0.0005	
6/12/2017	<0.0005	
10/2/2017	<0.0005	
3/16/2018	<0.0005	
9/17/2018	<0.0005	
3/19/2019	<0.0005	
9/13/2019	<0.0005	
3/11/2020	<0.0005	
9/16/2020	<0.0005	
3/17/2021	0.00012 (J)	
8/9/2021	<0.0005	
2/1/2022	<0.0005	
8/16/2022	<0.0005	
2/16/2023	<0.0005	
7/28/2023	<0.0005	
2/22/2024		<0.0005
8/8/2024		<0.0005
2/27/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	<0.0005	
11/1/2007	<0.0005	
11/20/2007	<0.0005	
1/30/2008	<0.0005	
3/6/2008	<0.0005	
5/12/2008	<0.0005	
12/13/2008	<0.0005	
4/29/2009	<0.0005	
10/20/2009	<0.0005	
4/26/2010	<0.0005	
9/29/2010	<0.0005	
4/13/2011	<0.0005	
10/5/2011	<0.0005	
4/4/2012	<0.0005	
10/3/2012	<0.0005	
4/3/2013	<0.0005	
10/15/2013	<0.0005	
4/9/2014	<0.0005	
10/2/2014	<0.0005	
4/2/2015	<0.0005	
10/10/2015	<0.0005	
3/31/2016	<0.0005	
5/26/2016	<0.0005	
8/5/2016	<0.0005	
9/28/2016	<0.0005	
11/22/2016	<0.0005	
2/7/2017	<0.0005	
4/10/2017	<0.0005	
6/14/2017	<0.0005	
10/4/2017	<0.0005	
3/20/2018	<0.0005	
9/18/2018	<0.0005	
3/22/2019	<0.0005	
9/17/2019	<0.0005	
3/12/2020	<0.0005	
9/17/2020	<0.0005	
3/18/2021	<0.0005	
8/10/2021	<0.0005	
2/4/2022	<0.0005	
8/17/2022	0.00018 (J)	
2/20/2023	<0.0005	
7/31/2023	<0.0005	
2/27/2024		<0.0005
8/12/2024		<0.0005
2/28/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	<0.0005	
11/1/2007	<0.0005	
11/20/2007	<0.0005	
1/30/2008	<0.0005	
3/6/2008	<0.0005	
5/8/2008	<0.0005	
12/14/2008	<0.0005	
4/29/2009	<0.0005	
10/21/2009	<0.0005	
4/21/2010	<0.0005	
9/28/2010	<0.0005	
4/12/2011	<0.0005	
10/4/2011	<0.0005	
4/3/2012	<0.0005	
10/8/2012	<0.0005	
4/3/2013	<0.0005	
10/15/2013	<0.0005	
4/9/2014	<0.0005	
10/2/2014	<0.0005	
4/2/2015	<0.0005	
10/12/2015	<0.0005	
3/31/2016	<0.0005	
5/26/2016	<0.0005	
8/3/2016	<0.0005	
9/28/2016	0.0002 (J)	
11/22/2016	<0.0005	
2/7/2017	<0.0005	
4/10/2017	<0.0005	
6/14/2017	<0.0005	
10/4/2017	<0.0005	
3/21/2018	<0.0005	
9/18/2018	<0.0005	
3/22/2019	<0.0005	
9/17/2019	<0.0005	
3/12/2020	<0.0005	
9/17/2020	<0.0005	
3/18/2021	<0.0005	
8/11/2021	<0.0005	
2/4/2022	<0.0005	
8/18/2022	<0.0005	
2/20/2023	<0.0005	
7/31/2023	<0.0005	
2/27/2024		<0.0005
8/12/2024		<0.0005
3/3/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.0005	
11/1/2007	<0.0005	
11/18/2007	<0.0005	
1/30/2008	<0.0005	
3/6/2008	<0.0005	
5/7/2008	<0.0005	
12/14/2008	<0.0005	
4/29/2009	<0.0005	
10/22/2009	<0.0005	
4/21/2010	<0.0005	
9/29/2010	<0.0005	
4/13/2011	<0.0005	
10/4/2011	<0.0005	
4/4/2012	<0.0005	
10/3/2012	<0.0005	
4/3/2013	<0.0005	
10/9/2013	<0.0005	
4/2/2014	<0.0005	
10/2/2014	<0.0005	
4/1/2015	0.00033 (J)	
10/11/2015	0.00056 (J)	
4/4/2016	<0.0005	
5/26/2016	<0.0005	
8/4/2016	<0.0005	
9/28/2016	<0.0005	
11/22/2016	<0.0005	
2/8/2017	<0.0005	
4/10/2017	<0.0005	
6/15/2017	<0.0005	
10/4/2017	<0.0005	
3/22/2018	<0.0005	
9/18/2018	<0.0005	
3/23/2019	<0.0005	
9/17/2019	<0.0005	
3/12/2020	<0.0005	
9/21/2020	<0.0005	
3/19/2021	<0.0005	
8/11/2021	<0.0005	
2/4/2022	<0.0005	
8/18/2022	<0.0005	
2/20/2023	<0.0005	
8/1/2023	<0.0005	
2/28/2024		<0.0005
8/12/2024		<0.0005
3/3/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.001	
11/1/2007	<0.001	
11/19/2007	<0.001	
1/16/2008	<0.001	
3/5/2008	<0.001	
5/13/2008	<0.001	
12/13/2008	<0.001	
4/16/2009	<0.001	
10/21/2009	<0.001	
4/27/2010	<0.001	
10/5/2010	<0.001	
4/19/2011	<0.001	
10/12/2011	<0.001	
4/24/2012	<0.001	
10/2/2012	<0.001	
4/2/2013	<0.001	
10/9/2013	<0.001	
4/1/2014	<0.001	
10/2/2014	<0.001	
4/1/2015	<0.001	
10/14/2015	0.00025 (J)	
4/4/2016	0.000136 (J)	
5/27/2016	0.000131 (J)	
8/3/2016	<0.001	
9/30/2016	9E-05 (J)	
11/22/2016	<0.001	
2/13/2017	0.0001 (J)	
4/11/2017	0.0003 (J)	
6/14/2017	0.0003 (J)	
10/4/2017	0.0002 (J)	
3/22/2018	0.00032 (J)	
9/18/2018	0.00057 (J)	
3/23/2019	0.00035 (J)	
9/17/2019	0.000575 (JD)	
3/12/2020	0.00089 (J)	
9/21/2020	0.00025 (J)	
3/19/2021	0.00027 (J)	
8/11/2021	0.00048 (J)	
2/2/2022	0.0012	
4/28/2022	0.00067	
8/18/2022	0.00052	
2/21/2023	0.0004 (J)	
8/1/2023	0.00035 (J)	
2/27/2024		0.00071
8/12/2024		0.00063
3/4/2025		0.00067

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.0005	
11/2/2007	<0.0005	
11/17/2007	<0.0005	
1/15/2008	<0.0005	
3/5/2008	<0.0005	
5/7/2008	<0.0005	
12/2/2008	<0.0005	
4/16/2009	<0.0005	
10/20/2009	<0.0005	
4/20/2010	<0.0005	
9/29/2010	<0.0005	
4/12/2011	<0.0005	
10/4/2011	<0.0005	
4/4/2012	<0.0005	
10/10/2012	<0.0005	
4/15/2013	<0.0005	
10/22/2013	<0.0005	
4/21/2014	<0.0005	
9/30/2014	<0.0005	
4/3/2015	<0.0005	
10/7/2015	<0.0005	
4/5/2016	<0.0005	
6/1/2016	<0.0005	
8/9/2016	<0.0005	
11/28/2016	<0.0005	
2/9/2017	0.0001 (J)	
4/11/2017	<0.0005	
6/14/2017	<0.0005	
7/12/2017	<0.0005	
10/5/2017	<0.0005	
3/22/2018	<0.0005	
9/19/2018	<0.0005	
3/22/2019	<0.0005	
9/17/2019	<0.0005	
3/13/2020	<0.0005	
9/21/2020	<0.0005	
3/18/2021	<0.0005	
8/11/2021	<0.0005	
2/4/2022	<0.0005	
8/18/2022	<0.0005	
2/22/2023	<0.0005	
8/1/2023	<0.0005	
2/28/2024		<0.0005
8/13/2024		<0.0005
3/3/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.0005	
11/2/2007	<0.0005	
11/17/2007	<0.0005	
1/15/2008	<0.0005	
3/6/2008	<0.0005	
5/7/2008	<0.0005	
12/2/2008	<0.0005	
4/28/2009	<0.0005	
10/19/2009	<0.0005	
4/27/2010	<0.0005	
10/4/2010	<0.0005	
4/18/2011	<0.0005	
10/12/2011	<0.0005	
4/23/2012	<0.0005	
10/10/2012	<0.0005	
4/15/2013	<0.0005	
10/22/2013	<0.0005	
4/21/2014	<0.0005	
9/30/2014	<0.0005	
4/3/2015	<0.0005	
10/7/2015	0.00028 (J)	
4/5/2016	0.000194 (J)	
5/31/2016	0.000206 (J)	
8/4/2016	<0.0005	
9/29/2016	0.0002 (J)	
11/23/2016	0.0001 (J)	
2/10/2017	<0.0005	
4/12/2017	<0.0005	
6/15/2017	<0.0005	
10/6/2017	<0.0005	
3/23/2018	<0.0005	
9/19/2018	<0.0005	
3/25/2019	<0.0005	
9/17/2019	<0.0005	
3/13/2020	<0.0005	
9/21/2020	<0.0005	
3/18/2021	<0.0005	
8/11/2021	<0.0005	
2/4/2022	<0.0005	
8/19/2022	<0.0005	
2/22/2023	<0.0005	
8/2/2023	<0.0005	
2/28/2024		<0.0005
8/13/2024		<0.0005
3/3/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.0005	
5/16/2016	<0.0005	
7/25/2016	<0.0005	
9/19/2016	<0.0005	
11/3/2016	<0.0005	
1/19/2017	<0.0005	
3/28/2017	<0.0005	
6/5/2017	8E-05 (J)	
9/26/2017	<0.0005	
3/15/2018	<0.0005	
9/12/2018	<0.0005	
3/14/2019	<0.0005	
9/11/2019	<0.0005	
3/10/2020	<0.0005	
9/15/2020	<0.0005	
3/11/2021	<0.0005	
8/4/2021	<0.0005	
1/31/2022	<0.0005	
8/15/2022	<0.0005	
2/14/2023	<0.0005	
7/26/2023	<0.0005	
2/20/2024		<0.0005
8/6/2024		<0.0005
2/26/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	0.000113 (J)	
5/16/2016	<0.0005 (D)	
7/25/2016	<0.0005 (D)	
9/19/2016	<0.0005 (D)	
11/3/2016	<0.0005 (D)	
1/20/2017	<0.0005 (D)	
3/29/2017	<0.0005 (D)	
6/7/2017	<0.0005	
9/27/2017	<0.0005	
3/15/2018	<0.0005	
9/13/2018	<0.0005	
3/14/2019	<0.0005 (D)	
9/11/2019	<0.0005 (D)	
3/10/2020	<0.0005	
9/11/2020	<0.0005	
3/11/2021	<0.0005	
8/6/2021	<0.0005	
2/1/2022	<0.0005	
8/12/2022	<0.0005	
2/14/2023	<0.0005	
7/26/2023	<0.0005	
2/20/2024		<0.0005
8/5/2024		<0.0005
2/26/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.0005	
5/18/2016	<0.0005	
7/27/2016	<0.0005	
9/20/2016	8E-05 (J)	
11/7/2016	<0.0005	
1/23/2017	<0.0005	
3/29/2017	<0.0005	
6/8/2017	<0.0005	
9/27/2017	<0.0005	
3/15/2018	9.3E-05 (J)	
9/13/2018	<0.0005	
3/15/2019	0.00015 (J)	
9/12/2019	<0.0005	
3/9/2020	0.00015 (J)	
9/14/2020	0.00014 (J)	
3/11/2021	0.00018 (J)	
8/5/2021	<0.0005	
2/1/2022	0.00014 (J)	
8/15/2022	<0.0005	
2/14/2023	<0.0005	
7/27/2023	0.00017 (J)	
2/21/2024		0.0002 (J)
8/5/2024		0.00019 (J)
2/26/2025		0.00017 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.0005	
5/18/2016	<0.0005	
7/27/2016	<0.0005	
9/20/2016	<0.0005	
11/4/2016	<0.0005	
1/20/2017	<0.0005	
3/29/2017	<0.0005	
6/8/2017	<0.0005	
9/27/2017	<0.0005	
3/16/2018	<0.0005	
9/13/2018	<0.0005	
3/19/2019	<0.0005	
9/11/2019	<0.0005	
3/9/2020	<0.0005	
9/15/2020	<0.0005	
3/11/2021	<0.0005	
8/5/2021	<0.0005	
2/1/2022	<0.0005	
8/15/2022	0.00016 (J)	
2/14/2023	<0.0005	
7/27/2023	<0.0005	
2/21/2024		<0.0005
8/5/2024		<0.0005
2/26/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.000148 (J)	
5/17/2016	0.000251 (J)	
7/27/2016	0.0002 (J)	
9/20/2016	0.0002 (J)	
11/4/2016	0.0001 (J)	
1/23/2017	<0.001	
3/28/2017	0.0001 (J)	
6/8/2017	0.0002 (J)	
9/29/2017	0.0002 (J)	
3/15/2018	0.00018 (J)	
9/13/2018	0.00012 (J)	
3/15/2019	0.00018 (J)	
9/11/2019	0.00021 (JD)	
3/9/2020	0.00016 (J)	
9/14/2020	0.00019 (J)	
3/11/2021	0.00021 (J)	
8/4/2021	0.0002 (J)	
1/31/2022	0.0002 (J)	
8/15/2022	0.00022 (J)	
2/14/2023	0.00015 (J)	
7/26/2023	0.00033 (J)	
2/21/2024		0.00027 (J)
8/5/2024		0.00021 (J)
2/26/2025		0.0003 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.0005	
5/18/2016	<0.0005	
7/28/2016	<0.0005	
9/21/2016	9E-05 (J)	
11/7/2016	0.0001 (J)	
1/24/2017	0.0002 (J)	
3/30/2017	0.0002 (J)	
6/9/2017	0.0002 (J)	
9/29/2017	0.0002 (J)	
3/15/2018	0.0001 (J)	
9/14/2018	<0.0005	
3/19/2019	<0.0005	
9/11/2019	<0.0005	
3/9/2020	<0.0005	
9/14/2020	<0.0005	
3/15/2021	<0.0005	
8/5/2021	<0.0005	
2/1/2022	<0.0005	
8/15/2022	<0.0005	
2/14/2023	<0.0005	
7/27/2023	<0.0005	
2/21/2024		<0.0005
8/6/2024		<0.0005
2/26/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.0005	
10/25/2007	<0.0005	
11/19/2007	<0.0005	
1/23/2008	<0.0005	
3/11/2008	<0.0005	
5/12/2008	<0.0005	
12/11/2008	<0.0005	
4/15/2009	<0.0005	
10/9/2009	<0.0005	
5/4/2010	<0.0005	
10/12/2010	<0.0005	
4/28/2011	<0.0005	
10/19/2011	<0.0005	
5/2/2012	<0.0005	
10/9/2012	<0.0005	
4/11/2013	<0.0005	
10/16/2013	<0.0005	
4/23/2014	<0.0005	
10/3/2014	0.00033 (J)	
3/31/2015	<0.0005	
10/12/2015	<0.0005	
3/28/2016	0.000102 (J)	
5/25/2016	0.000148 (J)	
8/1/2016	0.0001 (J)	
9/27/2016	0.0001 (J)	
11/11/2016	9E-05 (J)	
1/31/2017	<0.0005	
4/3/2017	0.0001 (J)	
6/12/2017	<0.0005	
10/3/2017	<0.0005	
3/19/2018	<0.0005	
9/17/2018	<0.0005	
3/20/2019	<0.0005	
9/16/2019	<0.0005	
3/16/2020	<0.0005	
9/16/2020	<0.0005	
3/17/2021	0.00013 (J)	
8/9/2021	<0.0005	
2/2/2022	<0.0005	
8/16/2022	<0.0005	
2/20/2023	<0.0005	
7/28/2023	<0.0005	
2/26/2024		<0.0005
8/8/2024		<0.0005
2/27/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.0005	
10/25/2007	<0.0005	
11/20/2007	<0.0005	
1/23/2008	<0.0005	
3/11/2008	<0.0005	
5/14/2008	<0.0005	
12/11/2008	<0.0005	
4/23/2009	<0.0005	
10/9/2009	<0.0005	
5/4/2010	<0.0005	
10/11/2010	<0.0005	
4/26/2011	<0.0005	
10/18/2011	<0.0005	
5/2/2012	<0.0005	
10/8/2012	<0.0005	
4/10/2013	<0.0005	
10/8/2013	<0.0005	
4/14/2014	<0.0005	
10/3/2014	<0.0005	
4/1/2015	<0.0005	
10/9/2015	<0.0005	
3/29/2016	<0.0005	
5/24/2016	<0.0005	
8/1/2016	<0.0005	
9/26/2016	8E-05 (J)	
11/18/2016	8E-05 (J)	
2/1/2017	<0.0005	
4/6/2017	<0.0005	
6/13/2017	<0.0005	
10/3/2017	<0.0005	
3/19/2018	<0.0005	
9/17/2018	<0.0005	
3/21/2019	<0.0005	
9/16/2019	<0.0005	
3/12/2020	<0.0005	
9/16/2020	<0.0005	
3/17/2021	<0.0005	
8/10/2021	<0.0005	
2/2/2022	<0.0005	
8/17/2022	<0.0005	
2/17/2023	<0.0005	
7/31/2023	<0.0005	
2/26/2024		<0.0005
8/8/2024		<0.0005
2/27/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.0005	
8/2/2016	<0.0005	
9/27/2016	<0.0005	
11/21/2016	<0.0005	
2/1/2017	9E-05 (J)	
4/6/2017	<0.0005	
6/13/2017	<0.0005	
7/14/2017	<0.0005	
10/3/2017	<0.0005	
3/20/2018	<0.0005	
9/18/2018	<0.0005	
3/21/2019	<0.0005	
9/13/2019	<0.0005	
3/12/2020	<0.0005	
9/16/2020	<0.0005	
3/17/2021	<0.0005	
8/10/2021	<0.0005	
2/2/2022	<0.0005	
8/17/2022	<0.0005	
2/20/2023	<0.0005	
7/31/2023	<0.0005	
2/26/2024		<0.0005
8/8/2024		<0.0005
2/27/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.0005	
6/18/2015	<0.0005 (D)	
7/2/2015	<0.0005	
10/8/2015	<0.0005	
3/22/2016	<0.0005	
5/25/2016	<0.0005	
8/2/2016	<0.0005	
9/26/2016	<0.0005	
11/21/2016	<0.0005	
2/3/2017	0.0001 (J)	
4/7/2017	<0.0005	
6/13/2017	0.0002 (J)	
10/3/2017	<0.0005	
3/20/2018	<0.0005	
9/18/2018	<0.0005	
5/6/2019	<0.0005	
9/16/2019	<0.0005	
3/16/2020	<0.0005	
9/17/2020	<0.0005	
3/18/2021	<0.0005	
8/10/2021	<0.0005	
2/2/2022	<0.0005	
8/17/2022	<0.0005	
2/20/2023	<0.0005	
7/31/2023	<0.0005	
2/26/2024		<0.0005
8/12/2024		<0.0005
2/28/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.005	
10/23/2007	0.011	
11/18/2007	0.038 (O)	
1/30/2008	0.11 (O)	
3/10/2008	0.038 (O)	
5/13/2008	0.012	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	0.0065	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	0.0019	
10/16/2013	0.0024	
4/11/2014	0.0013 (J)	
9/30/2014	<0.005	
3/30/2015	0.0047	
10/13/2015	<0.005	
3/22/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	0.0011 (J)	
1/30/2017	<0.005	
3/30/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/17/2018	<0.005 (D)	
3/20/2019	<0.005	
9/12/2019	<0.005	
3/11/2020	0.0012 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	0.0045	
10/24/2007	0.039 (O)	
11/18/2007	0.059 (O)	
1/31/2008	0.0067	
3/11/2008	0.03 (O)	
5/6/2008	0.0062	
12/4/2008	0.009	
4/21/2009	0.0022	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	0.0013	
10/15/2013	0.0023	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	0.0011 (J)	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/20/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	0.0008 (J)	
10/2/2017	<0.005	
3/19/2018	0.0031 (J)	
9/14/2018	<0.005	
3/20/2019	<0.005	
9/12/2019	<0.005 (D)	
3/11/2020	0.0025 (J)	
9/15/2020	0.00086 (J)	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	0.0033	
11/18/2007	0.012	
1/31/2008	0.052 (O)	
3/10/2008	0.01	
5/13/2008	0.0068	
12/4/2008	0.0017	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	<0.005	
3/11/2020	0.0042 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/26/2024		<0.005
8/6/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.005 (D)	
7/27/2016	0.0017 (JD)	
2/21/2017	0.001 (J)	
3/27/2017	<0.005 (D)	
6/8/2017	<0.005 (D)	
7/17/2017	<0.005 (D)	
7/27/2017	0.0005 (J)	
8/9/2017	0.0005 (J)	
9/29/2017	0.0006 (JD)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	0.004 (J)	
3/9/2020	0.0016 (J)	
9/16/2020	0.00058 (J)	
3/16/2021	0.0008 (J)	
8/6/2021	<0.005	
2/2/2022	0.0012 (J)	
8/16/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.005	
5/11/2016	<0.005	
7/19/2016	<0.005	
9/15/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
6/7/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/15/2019	<0.005	
9/9/2019	<0.005	
3/9/2020	0.069 (o)	
9/10/2020	<0.005	
3/12/2021	0.00064 (J)	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	<0.005	
11/2/2007	0.027 (O)	
11/18/2007	0.17 (O)	
1/31/2008	0.012	
3/11/2008	0.063 (O)	
5/14/2008	0.057 (O)	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/8/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/21/2011	<0.005	
10/13/2011	<0.005	
5/1/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	0.0013	
4/23/2014	<0.005	
10/4/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/23/2016	<0.005	
5/23/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	0.0013 (J)	
11/10/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/4/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019	<0.005	
9/13/2019	0.00073 (J)	
3/11/2020	0.00095 (J)	
3/29/2021	0.00062 (J)	
8/9/2021	<0.005	
2/2/2022	0.0069	
8/16/2022	<0.005	
2/17/2023	<0.005	
8/1/2023	<0.005	
2/22/2024		<0.005
8/8/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.005	
5/11/2016	<0.005	
7/21/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/24/2017	<0.005 (*)	
5/24/2017	0.0008 (J)	
9/26/2017	0.0005 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/9/2019	<0.005	
3/9/2020	0.0009 (J)	
9/11/2020	<0.005	
3/10/2021	0.00075 (J)	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/12/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.005	
5/12/2016	<0.005	
7/20/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/18/2017	<0.005	
3/24/2017	<0.005 (*)	
6/6/2017	<0.005	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005 (D)	
3/6/2020	0.015	
9/10/2020	<0.005	
3/11/2021	0.0015 (J)	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	<0.005	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
6/6/2017	0.0004 (J)	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/9/2020	0.0004 (J)	
9/10/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.005	
5/16/2016	<0.005	
7/22/2016	<0.005	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
6/7/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/6/2020	0.00045 (J)	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/20/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
6/6/2017	0.0004 (J)	
9/22/2017	0.0008 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	0.00051 (J)	
3/9/2020	0.0033 (J)	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	<0.005	
2/14/2023	0.0016 (J)	
7/25/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	0.00212 (J)	
5/13/2016	<0.005	
7/19/2016	0.0006 (J)	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	0.0014 (J)	
3/28/2017	<0.005 (*)	
6/6/2017	0.0009 (J)	
9/22/2017	0.0006 (J)	
3/15/2018	0.0017 (J)	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	0.00066 (J)	
3/9/2020	0.0014 (J)	
9/14/2020	0.0011 (J)	
3/11/2021	0.0011 (J)	
8/5/2021	<0.005	
1/31/2022	0.0011 (J)	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	<0.005	
4/23/2009	<0.005	
10/6/2009	<0.005	
4/27/2010	<0.005	
9/30/2010	0.0014	
4/14/2011	0.0014	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/2/2012	<0.005	
4/9/2013	<0.005	
10/15/2013	<0.005	
4/10/2014	0.0013 (J)	
10/1/2014	<0.005	
3/30/2015	<0.005	
10/11/2015	<0.005	
3/28/2016	<0.005	
5/23/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/10/2016	<0.005	
1/30/2017	<0.005	
4/7/2017	<0.005	
6/12/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/17/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	<0.005	
3/11/2020	0.0011 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/28/2023	<0.005	
2/22/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.005	
4/23/2009	0.0031	
10/6/2009	0.0024	
5/3/2010	<0.005	
10/11/2010	0.0028	
4/27/2011	0.0041	
10/19/2011	<0.005	
5/1/2012	<0.005	
10/2/2012	0.0019	
4/10/2013	0.0027	
10/16/2013	0.0029	
4/22/2014	0.0024	
10/1/2014	<0.005	
3/30/2015	0.0022	
10/11/2015	<0.005	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/11/2016	<0.005	
1/30/2017	<0.005	
4/3/2017	<0.005	
6/12/2017	0.0005 (J)	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/18/2018	<0.005	
3/19/2019	<0.005	
9/12/2019	<0.005	
3/11/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/16/2023	<0.005	
7/28/2023	<0.005	
2/22/2024		<0.005
8/8/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	0.0015	
11/1/2007	0.011	
11/20/2007	0.042 (o)	
1/30/2008	0.034	
3/6/2008	0.027	
5/12/2008	0.015	
12/13/2008	0.0036	
4/29/2009	<0.005	
10/20/2009	<0.005	
4/26/2010	<0.005	
9/29/2010	0.0034	
4/13/2011	<0.005	
10/5/2011	0.0032	
4/4/2012	<0.005	
10/3/2012	0.0047	
4/3/2013	0.0014	
10/15/2013	0.002	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	0.0013	
3/31/2016	<0.005	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	0.0024 (J)	
2/7/2017	0.0015 (J)	
4/10/2017	<0.005	
6/14/2017	0.0006 (J)	
10/4/2017	0.0027 (J)	
3/20/2018	<0.005	
9/18/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	0.0009 (J)	
3/12/2020	0.00047 (J)	
9/17/2020	0.0011 (J)	
3/18/2021	0.00068 (J)	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/17/2022	0.0013 (J)	
2/20/2023	<0.005	
7/31/2023	0.0019 (J)	
2/27/2024		<0.005
8/12/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	0.036 (O)	
11/1/2007	0.01	
11/20/2007	0.0039	
1/30/2008	0.019 (O)	
3/6/2008	<0.005	
5/8/2008	0.01	
12/14/2008	0.0038	
4/29/2009	<0.005	
10/21/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	0.0019	
4/3/2012	<0.005	
10/8/2012	<0.005	
4/3/2013	<0.005	
10/15/2013	<0.005	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/12/2015	<0.005	
3/31/2016	<0.005	
5/26/2016	<0.005	
8/3/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	<0.005	
2/7/2017	0.0019 (J)	
4/10/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	0.00067 (J)	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	0.002 (J)	
8/11/2021	<0.005	
2/4/2022	<0.005	
8/18/2022	<0.005	
2/20/2023	<0.005	
7/31/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	0.025 (o)	
12/14/2008	0.0021	
4/29/2009	0.011	
10/22/2009	0.01	
4/21/2010	0.0053	
9/28/2010	0.0076	
4/12/2011	0.0095	
10/4/2011	0.0091	
4/3/2012	0.0076	
10/3/2012	0.0039	
4/3/2013	<0.005	
10/9/2013	0.0089	
4/2/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	0.0062	
10/11/2015	<0.005	
4/4/2016	0.00656 (J)	
5/26/2016	0.00752 (J)	
8/3/2016	0.0067 (J)	
9/28/2016	0.0082 (J)	
11/22/2016	0.0045 (J)	
2/8/2017	0.0101	
4/10/2017	0.0094 (J)	
6/15/2017	0.009 (J)	
10/4/2017	0.0008 (J)	
3/21/2018	0.0079 (J)	
9/18/2018	0.0081 (J)	
3/23/2019	<0.005	
9/17/2019	0.0079 (J)	
3/12/2020	0.00084 (J)	
9/21/2020	0.0081 (J)	
3/19/2021	0.0073	
8/11/2021	<0.005	
2/4/2022	0.0071	
8/18/2022	<0.005	
2/20/2023	0.0015 (J)	
8/1/2023	0.0074	
2/28/2024		0.0074
8/13/2024		<0.005
3/4/2025		0.0072

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	0.037	
11/1/2007	0.04	
11/18/2007	0.045	
1/30/2008	0.041	
3/6/2008	0.042	
5/7/2008	0.029	
12/14/2008	0.032	
4/29/2009	0.017	
10/22/2009	0.022	
4/21/2010	0.021	
9/29/2010	0.024	
4/13/2011	0.014	
10/4/2011	0.017	
4/4/2012	0.014	
10/3/2012	0.0033	
4/3/2013	0.017	
10/9/2013	0.015	
4/2/2014	0.014	
10/2/2014	0.0048	
4/1/2015	0.0084	
10/11/2015	0.019	
4/4/2016	0.00728 (J)	
5/26/2016	0.00553 (J)	
8/4/2016	0.0071 (J)	
9/28/2016	0.0093 (J)	
11/22/2016	0.0058 (J)	
2/8/2017	0.0072 (J)	
4/10/2017	<0.01	
6/15/2017	0.0066 (J)	
10/4/2017	0.0079 (J)	
3/22/2018	0.0062 (J)	
9/18/2018	0.0062 (J)	
3/23/2019	0.0048 (J)	
9/17/2019	0.0042 (J)	
3/12/2020	0.0042 (J)	
9/21/2020	0.0056 (J)	
3/19/2021	0.0079	
8/11/2021	0.0042 (J)	
2/4/2022	0.0042 (J)	
8/18/2022	0.0046 (J)	
2/20/2023	0.0037 (J)	
8/1/2023	0.005 (J)	
2/28/2024		0.0037 (J)
8/12/2024		0.004 (J)
3/3/2025		0.0039 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	0.0013	
11/1/2007	<0.005	
11/19/2007	0.0056	
1/16/2008	0.039 (o)	
3/5/2008	0.03 (o)	
5/13/2008	0.0057	
12/13/2008	<0.005	
4/16/2009	<0.005	
10/21/2009	0.0015	
4/27/2010	0.0036	
10/5/2010	<0.005	
4/19/2011	0.003	
10/12/2011	<0.005	
4/24/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	0.0018	
10/9/2013	<0.005	
4/1/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
5/27/2016	<0.005	
8/3/2016	<0.005	
9/30/2016	<0.005	
11/22/2016	<0.005	
2/13/2017	<0.005	
4/11/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	0.0058 (JD)	
3/12/2020	<0.005	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/2/2022	<0.005	
8/18/2022	<0.005	
2/21/2023	<0.005	
8/1/2023	0.0016 (J)	
2/27/2024		<0.005
8/12/2024		<0.005
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	0.0019	
11/1/2007	0.01	
11/19/2007	0.021	
1/31/2008	0.035	
3/5/2008	0.012	
5/12/2008	0.02	
12/13/2008	0.014	
4/28/2009	0.0079	
10/21/2009	0.0092	
4/28/2010	0.0086	
10/5/2010	0.0085	
4/19/2011	0.0089	
10/18/2011	0.0093	
4/25/2012	0.0075	
10/2/2012	0.017	
4/2/2013	0.0097	
10/8/2013	0.011	
4/1/2014	0.0074	
10/1/2014	0.0049	
4/1/2015	0.0072	
10/15/2015	0.0077	
4/4/2016	0.00615 (J)	
5/31/2016	0.00588 (J)	
8/4/2016	0.0056 (J)	
9/29/2016	0.0065 (J)	
11/28/2016	0.0064 (J)	
2/9/2017	0.0078 (J)	
4/12/2017	0.0077 (J)	
6/16/2017	0.0072 (J)	
10/9/2017	0.0079 (J)	
3/21/2018	0.0055 (J)	
9/19/2018	0.0059 (J)	
3/23/2019	0.0058 (J)	
9/18/2019	0.0063 (J)	
3/13/2020	0.0054 (J)	
9/22/2020	0.0062 (J)	
3/18/2021	0.0058	
8/11/2021	0.0074	
2/17/2022	0.0053	
8/18/2022	0.0044 (J)	
2/22/2023	0.0038 (J)	
8/1/2023	0.0047 (J)	
2/27/2024		0.0038 (J)
8/12/2024		0.003 (J)
3/3/2025		0.0035 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	0.0042	
11/19/2007	0.0049	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	0.019 (O)	
4/29/2009	0.002	
10/21/2009	0.002	
4/28/2010	0.0049	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	0.0015	
4/2/2013	0.0017	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
6/1/2016	<0.005 (D)	
2/22/2017	0.0012 (J)	
4/11/2017	<0.005	
6/16/2017	<0.005	
7/12/2017	<0.005	
7/28/2017	<0.005	
8/10/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019	<0.005	
9/18/2019	<0.005	
3/17/2020	0.002 (J)	
9/22/2020	<0.005	
3/19/2021	<0.005	
8/12/2021	<0.005	
2/4/2022	<0.005	
8/19/2022	<0.005	
2/22/2023	0.0024 (J)	
8/2/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.083 (O)	
11/2/2007	0.0071	
11/17/2007	0.012	
1/15/2008	0.043 (o)	
3/5/2008	0.0044	
5/7/2008	0.0084	
12/2/2008	0.0056	
4/16/2009	0.0042	
10/20/2009	0.0037	
4/20/2010	<0.005	
9/29/2010	0.0028	
4/12/2011	<0.005	
10/4/2011	0.0015	
4/4/2012	<0.005	
10/10/2012	0.0029	
4/15/2013	0.0036	
10/22/2013	0.0048	
4/21/2014	0.0043	
9/30/2014	0.0037	
4/3/2015	0.016	
10/7/2015	0.0092	
4/5/2016	0.00605 (J)	
6/1/2016	0.006 (J)	
8/9/2016	0.0086 (JD)	
11/28/2016	<0.005	
2/9/2017	<0.005	
4/11/2017	<0.005	
6/14/2017	0.0006 (J)	
7/12/2017	0.0005 (J)	
10/5/2017	0.0006 (J)	
3/22/2018	<0.005	
9/19/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	0.00046 (X)	
3/13/2020	0.00093 (J)	
9/21/2020	<0.005	
3/18/2021	0.0023 (J)	
8/11/2021	<0.005	
2/4/2022	<0.005	
8/18/2022	<0.005	
2/22/2023	<0.005	
8/1/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	0.014	
11/2/2007	0.0036	
11/17/2007	0.031 (O)	
1/15/2008	0.011	
3/6/2008	0.0027	
5/7/2008	0.008	
12/2/2008	0.0059	
4/28/2009	<0.005	
10/19/2009	<0.005	
4/27/2010	<0.005	
10/4/2010	0.0013	
4/18/2011	<0.005	
10/12/2011	0.0014	
4/23/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	0.0021	
10/22/2013	<0.005	
4/21/2014	0.0013 (J)	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
5/31/2016	<0.005	
8/4/2016	<0.005	
9/29/2016	<0.005	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/12/2017	<0.005	
6/15/2017	0.0005 (J)	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/25/2019	<0.005	
9/17/2019	0.00044 (J)	
3/13/2020	0.0011 (J)	
9/21/2020	0.0016 (J)	
3/18/2021	0.00089 (J)	
8/11/2021	<0.005	
2/4/2022	<0.005	
8/19/2022	<0.005	
2/22/2023	<0.005	
8/2/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	0.061 (O)	
11/2/2007	0.078 (O)	
11/18/2007	0.085 (O)	
1/15/2008	0.079 (O)	
3/10/2008	0.062 (O)	
5/13/2008	0.044 (O)	
12/2/2008	0.027	
4/28/2009	0.016	
10/20/2009	0.018	
4/27/2010	0.012	
10/5/2010	0.0067	
4/19/2011	0.0081	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/10/2012	<0.005	
4/16/2013	0.0029	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/6/2015	<0.005	
4/5/2016	<0.005	
5/31/2016	<0.005	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/11/2017	<0.005	
6/15/2017	0.0005 (J)	
7/12/2017	0.0008 (J)	
7/26/2017	0.0006 (J)	
10/6/2017	0.0008 (J)	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	0.00064 (X)	
3/13/2020	0.0012 (J)	
9/21/2020	0.00089 (J)	
3/18/2021	0.00078 (J)	
8/11/2021	<0.005	
2/7/2022	0.0011 (J)	
8/19/2022	<0.005	
2/22/2023	0.0014 (J)	
8/1/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.005	
5/16/2016	<0.005	
7/25/2016	<0.005	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/19/2017	<0.005	
3/28/2017	<0.005	
6/5/2017	<0.005	
9/26/2017	<0.005	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/11/2019	<0.005	
3/10/2020	0.00074 (J)	
9/15/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	0.0015 (J)	
7/26/2023	<0.005	
2/20/2024		<0.005
8/6/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.005	
5/16/2016	<0.005 (D)	
7/25/2016	<0.005 (D)	
9/19/2016	<0.005 (D)	
11/4/2016	<0.005 (D)	
1/23/2017	<0.005 (D)	
3/29/2017	<0.005 (D)	
6/7/2017	<0.005	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019	<0.005 (D)	
9/11/2019	<0.005 (D)	
3/10/2020	0.0007 (J)	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
2/1/2022	<0.005	
8/12/2022	<0.005	
2/14/2023	<0.005	
7/26/2023	<0.005	
2/20/2024		<0.005
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.005	
5/16/2016	<0.005 (D)	
7/25/2016	<0.005 (D)	
9/19/2016	<0.005 (D)	
11/3/2016	<0.005 (D)	
1/20/2017	<0.005 (D)	
3/29/2017	<0.005 (D)	
6/7/2017	0.0004 (J)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019	<0.005 (D)	
9/11/2019	<0.005 (D)	
3/10/2020	0.00092 (J)	
9/11/2020	0.00067 (J)	
3/11/2021	<0.005	
8/6/2021	<0.005	
2/1/2022	<0.005	
8/12/2022	<0.005	
2/14/2023	0.0058	
7/26/2023	<0.005	
2/20/2024		<0.005
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.01	
5/17/2016	<0.01	
7/26/2016	0.0017 (J)	
9/20/2016	0.0015 (J)	
11/4/2016	0.0016 (J)	
1/20/2017	0.0018 (J)	
3/28/2017	<0.01 (*)	
6/7/2017	0.0018 (J)	
9/29/2017	0.0033 (J)	
3/15/2018	0.0021 (J)	
9/13/2018	0.0041 (J)	
3/18/2019	0.0022 (J)	
9/11/2019	0.0038 (J)	
3/10/2020	0.0035 (J)	
9/14/2020	0.006 (J)	
3/11/2021	0.0059	
5/26/2021	0.0052	
8/5/2021	0.0057	
1/31/2022	0.0051	
8/15/2022	0.006	
2/14/2023	0.005 (J)	
7/26/2023	0.0073	
2/21/2024		0.0066
8/5/2024		0.005 (J)
2/26/2025		0.0039 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	0.00202 (J)	
5/18/2016	0.00248 (J)	
7/27/2016	0.0021 (J)	
9/20/2016	0.002 (J)	
11/7/2016	0.0023 (J)	
1/23/2017	0.0011 (J)	
3/29/2017	0.0012 (J)	
6/8/2017	0.0015 (J)	
9/27/2017	0.0021 (J)	
3/15/2018	0.0023 (J)	
9/13/2018	<0.005	
3/15/2019	<0.005	
9/12/2019	0.0014 (J)	
3/9/2020	0.0012 (J)	
9/14/2020	0.0022 (J)	
3/11/2021	0.0013 (J)	
8/5/2021	0.0014 (J)	
2/1/2022	0.0015 (J)	
8/15/2022	0.0015 (J)	
2/14/2023	0.0018 (J)	
7/27/2023	0.0014 (J)	
2/21/2024		0.0021 (J)
8/5/2024		<0.005
2/26/2025		0.0021 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	0.00668 (J)	
5/18/2016	0.00606 (JO)	
7/27/2016	0.0023 (J)	
9/20/2016	0.0021 (J)	
11/4/2016	0.0016 (J)	
1/20/2017	0.0016 (J)	
3/29/2017	0.001 (J)	
6/8/2017	0.0024 (J)	
9/27/2017	0.0021 (J)	
3/16/2018	0.003 (J)	
9/13/2018	0.0017 (J)	
3/19/2019	0.018	
9/11/2019	0.0015 (J)	
3/9/2020	0.0023 (J)	
9/15/2020	0.0017 (J)	
3/11/2021	0.0019 (J)	
8/5/2021	0.0022 (J)	
2/1/2022	0.0022 (J)	
8/15/2022	0.0013 (J)	
2/14/2023	0.0027 (J)	
7/27/2023	0.0028 (J)	
2/21/2024		0.0046 (J)
8/5/2024		<0.005
2/26/2025		0.004 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.00207 (J)	
5/17/2016	<0.005	
7/27/2016	0.0017 (J)	
9/20/2016	0.0024 (J)	
11/4/2016	0.0013 (J)	
1/23/2017	<0.005	
3/28/2017	<0.005 (*)	
6/8/2017	0.0016 (J)	
9/29/2017	0.002 (J)	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/15/2019	0.0023 (J)	
9/11/2019	0.00165 (JD)	
3/9/2020	0.0023 (J)	
9/14/2020	0.0024 (J)	
3/11/2021	0.0021 (J)	
8/4/2021	0.0018 (J)	
1/31/2022	0.002 (J)	
8/15/2022	0.0019 (J)	
2/14/2023	0.0019 (J)	
7/26/2023	0.002 (J)	
2/21/2024		<0.005
8/5/2024		<0.005
2/26/2025		0.0013 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	0.0006 (J)	
9/21/2016	0.0011 (J)	
11/4/2016	<0.005	
1/24/2017	<0.005	
3/29/2017	0.0004 (J)	
6/8/2017	0.0005 (J)	
9/29/2017	0.0005 (J)	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019	<0.005	
9/11/2019	0.00063 (J)	
3/11/2020	0.0012 (J)	
9/11/2020	<0.005	
3/15/2021	0.00076 (J)	
8/11/2021	<0.005	
2/1/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/27/2023	<0.005	
2/21/2024		<0.005
8/6/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	0.00778 (J)	
5/18/2016	<0.005	
7/28/2016	0.0014 (J)	
9/21/2016	0.0009 (J)	
11/7/2016	<0.005	
1/24/2017	<0.005	
3/30/2017	<0.005	
6/9/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	0.0017 (J)	
9/11/2019	0.002 (J)	
3/9/2020	0.00096 (J)	
9/14/2020	<0.005	
3/15/2021	<0.005	
8/5/2021	<0.005	
2/1/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/27/2023	<0.005	
2/21/2024		<0.005
8/6/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.0076	
10/25/2007	0.015	
11/19/2007	0.013	
1/23/2008	0.032	
3/11/2008	0.024	
5/12/2008	0.016	
12/11/2008	0.013	
4/15/2009	0.0073	
10/9/2009	0.0037	
5/4/2010	<0.005	
10/12/2010	0.0023	
4/28/2011	0.002	
10/19/2011	0.0015	
5/2/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	0.0015	
10/16/2013	<0.005	
4/23/2014	0.0013 (J)	
10/3/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	<0.005	
9/27/2016	<0.005	
11/11/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/12/2017	0.0005 (J)	
10/3/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019	<0.005	
9/16/2019	<0.005	
3/16/2020	0.00078 (J)	
9/16/2020	<0.005	
3/17/2021	0.00069 (J)	
8/9/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/20/2023	<0.005	
7/28/2023	<0.005	
2/26/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.005	
10/25/2007	0.002	
11/20/2007	0.017	
1/23/2008	0.064 (O)	
3/11/2008	0.013	
5/14/2008	0.027	
12/11/2008	<0.005	
4/23/2009	<0.005	
10/9/2009	0.0014	
5/4/2010	<0.005	
10/11/2010	0.0027	
4/26/2011	0.0015	
10/18/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/10/2013	0.0013	
10/8/2013	0.0017	
4/14/2014	0.004	
10/3/2014	0.0017	
4/1/2015	0.0027	
10/9/2015	0.0016	
3/29/2016	0.00363 (J)	
5/24/2016	0.00263 (J)	
8/1/2016	<0.005	
9/26/2016	0.0014 (J)	
11/18/2016	<0.005	
2/1/2017	0.0024 (J)	
4/6/2017	<0.005	
6/13/2017	0.0031 (J)	
10/3/2017	0.0025 (J)	
3/19/2018	0.0035 (J)	
9/17/2018	0.0024 (J)	
3/21/2019	0.0029 (J)	
9/16/2019	0.002 (J)	
3/12/2020	0.0034 (J)	
9/16/2020	0.0022 (J)	
3/17/2021	0.0027 (J)	
8/10/2021	0.0027 (J)	
2/2/2022	0.0026 (J)	
8/17/2022	0.0025 (J)	
2/17/2023	0.0031 (J)	
7/31/2023	0.0024 (J)	
2/26/2024		0.0024 (J)
8/8/2024		<0.005
2/27/2025		0.003 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	0.0015	
6/18/2015	0.0013 (D)	
7/2/2015	0.0014	
10/9/2015	0.0015	
3/29/2016	<0.005	
5/24/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	0.002 (J)	
11/14/2016	<0.005	
2/1/2017	0.0017 (J)	
4/6/2017	<0.005	
6/13/2017	0.0015 (J)	
10/3/2017	0.0018 (J)	
3/20/2018	0.0017 (J)	
9/17/2018	0.002 (J)	
3/21/2019	0.0025 (J)	
9/16/2019	0.002 (J)	
3/12/2020	0.0028 (J)	
9/16/2020	0.0023 (J)	
3/17/2021	0.0021 (J)	
8/10/2021	0.0021 (J)	
2/2/2022	0.0024 (J)	
8/17/2022	0.0024 (J)	
2/17/2023	0.0022 (J)	
7/28/2023	0.0023 (J)	
2/26/2024		0.002 (J)
8/8/2024		<0.005
2/27/2025		0.0026 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.005	
8/2/2016	<0.005	
9/27/2016	<0.005	
11/21/2016	<0.005	
2/1/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
7/14/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005	
3/21/2019	<0.005	
9/13/2019	<0.005	
3/12/2020	0.0014 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/20/2023	0.0012 (J)	
7/31/2023	<0.005	
2/26/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.005	
4/30/2012	<0.005	
10/3/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	0.0019	
4/10/2014	0.0034	
10/2/2014	0.0056	
4/3/2015	0.0022	
10/8/2015	0.0033	
3/30/2016	0.00308 (J)	
5/24/2016	<0.005	
8/2/2016	<0.005	
9/27/2016	<0.005	
11/22/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/14/2017	0.0009 (J)	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/27/2019	0.0021 (J)	
9/16/2019	0.000465 (JD)	
3/12/2020	0.0031 (J)	
9/17/2020	0.00086 (J)	
3/17/2021	0.00079 (J)	
8/10/2021	0.0014 (J)	
2/2/2022	0.0015 (J)	
8/17/2022	0.0011 (J)	
2/21/2023	0.0053	
7/31/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.005	
6/18/2015	0.0024 (D)	
7/2/2015	<0.005	
10/8/2015	<0.005	
3/22/2016	0.00302 (J)	
5/25/2016	0.00441 (J)	
8/2/2016	<0.005	
9/26/2016	0.002 (J)	
11/21/2016	0.0017 (J)	
2/3/2017	0.0018 (J)	
4/7/2017	<0.005	
6/13/2017	0.0019 (J)	
10/3/2017	0.0022 (J)	
3/20/2018	0.0017 (J)	
9/18/2018	<0.005	
5/6/2019	0.0048 (J)	
9/16/2019	0.002 (J)	
3/16/2020	0.0015 (J)	
9/17/2020	0.0017 (J)	
3/18/2021	0.0015 (J)	
8/10/2021	0.0019 (J)	
2/2/2022	0.0021 (J)	
8/17/2022	0.0014 (J)	
2/20/2023	<0.005	
7/31/2023	0.0016 (J)	
2/26/2024		<0.005
8/12/2024		<0.005
2/28/2025		0.0013 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.005	
11/1/2007	0.0061	
11/19/2007	0.018 (J)	
1/15/2008	0.078 (O)	
3/6/2008	0.054 (O)	
5/13/2008	0.0085	
12/12/2008	0.0023	
4/16/2009	<0.005	
10/13/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/8/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	0.0013	
4/9/2014	<0.005	
9/30/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	0.00115 (JD)	
3/30/2016	<0.005	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/21/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005 (D)	
3/21/2019	<0.005	
9/16/2019	<0.005	
3/12/2020	0.00045 (J)	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/21/2023	<0.005	
7/31/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.005	
10/23/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	0.0045	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	0.0041	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	<0.005	
10/16/2013	<0.005	
4/11/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	0.0012 (J)	
10/13/2015	<0.005	
3/22/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	0.0004 (J)	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/30/2017	<0.005	
3/30/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/17/2018	<0.005 (D)	
3/20/2019	0.00078 (J)	
9/12/2019	0.00047 (J)	
3/11/2020	0.00037 (J)	
9/15/2020	0.00048 (J)	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.005	
10/24/2007	0.013	
11/18/2007	0.0041	
1/31/2008	<0.005	
3/11/2008	<0.005	
5/6/2008	<0.005	
12/4/2008	0.012	
4/21/2009	<0.005	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	<0.005	
10/15/2013	<0.005	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/20/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/2/2017	<0.005	
3/19/2018	<0.005	
9/14/2018	<0.005	
3/20/2019	<0.005	
9/12/2019	<0.005 (D)	
3/11/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	0.0083 (O)	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	<0.005	
3/11/2020	<0.005	
9/15/2020	0.001 (J)	
3/16/2021	<0.005	
8/9/2021	0.0016 (J)	
2/1/2022	0.00093 (J)	
8/16/2022	0.0004 (J)	
2/16/2023	0.00065 (J)	
7/27/2023	<0.005	
2/26/2024		<0.005
8/6/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	0.00313 (JD)	
7/27/2016	0.0057 (JD)	
2/21/2017	<0.005	
3/27/2017	<0.005 (D)	
6/8/2017	<0.005 (D)	
7/17/2017	<0.005 (D)	
7/27/2017	<0.005	
8/9/2017	<0.005	
9/29/2017	<0.005 (D)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
3/9/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/6/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	0.00503 (J)	
5/11/2016	0.0114	
7/19/2016	0.0013 (J)	
9/15/2016	0.002 (J)	
11/2/2016	0.0005 (J)	
1/18/2017	0.0015 (J)	
3/28/2017	0.0025 (J)	
6/7/2017	0.0023 (J)	
9/26/2017	0.0011 (J)	
3/14/2018	0.00058 (J)	
9/12/2018	<0.005	
3/15/2019	<0.005	
9/9/2019	<0.005	
3/9/2020	0.00075 (J)	
9/10/2020	<0.005	
3/12/2021	0.00079 (J)	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	0.0033	
11/2/2007	0.0046	
11/18/2007	0.0057	
1/31/2008	0.0055	
3/11/2008	0.0033	
5/14/2008	0.0044	
12/5/2008	0.0035	
4/15/2009	<0.005	
10/8/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/21/2011	<0.005	
10/13/2011	<0.005	
5/1/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/23/2014	0.0013 (J)	
10/4/2014	0.00081 (J)	
3/31/2015	0.0021	
10/12/2015	0.00078 (J)	
3/23/2016	<0.005	
5/23/2016	<0.005	
7/29/2016	0.0007 (J)	
9/22/2016	0.0007 (J)	
11/10/2016	0.0007 (J)	
1/31/2017	0.0007 (J)	
3/30/2017	0.0007 (J)	
6/12/2017	0.0007 (J)	
10/4/2017	0.0006 (J)	
3/19/2018	0.00059 (J)	
9/17/2018	0.00057 (J)	
3/20/2019	<0.005	
9/13/2019	0.00046 (J)	
3/11/2020	0.00041 (J)	
3/29/2021	<0.005	
8/9/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/17/2023	<0.005	
8/1/2023	<0.005	
2/22/2024		<0.005
8/8/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	0.0006 (J)	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	0.0005 (J)	
6/6/2017	<0.005	
9/25/2017	0.0006 (J)	
3/14/2018	<0.005	
9/12/2018	0.0011 (J)	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/9/2020	<0.005	
9/10/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	0.00053 (J)	
2/19/2024		<0.005
8/1/2024		0.0011 (J)
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.005	
5/16/2016	<0.005	
7/22/2016	0.0004 (J)	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
6/7/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/6/2020	0.00039 (J)	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	0.00039 (J)	
7/26/2023	<0.005	
2/20/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005	
6/6/2017	<0.005	
9/22/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	<0.005	
3/9/2020	0.00039 (J)	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	<0.01	
4/7/2017	0.0018 (J)	
6/14/2017	0.0045 (JD)	
7/12/2017	0.0046 (JD)	
7/20/2017	0.0109 (D)	
7/28/2017	0.0104	
8/9/2017	0.0022 (J)	
8/24/2017	0.0076 (J)	
10/3/2017	0.0028 (JD)	
3/21/2018	0.014	
9/18/2018	0.017	
3/21/2019	0.022 (D)	
9/12/2019	0.02 (D)	
3/12/2020	0.013	
9/17/2020	0.019	
3/16/2021	0.015	
8/10/2021	0.011	
2/3/2022	0.0059	
8/17/2022	0.015	
2/17/2023	0.017	
7/28/2023	0.02	
2/27/2024		0.017
8/8/2024		0.0056
2/28/2025		0.019

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.005	
4/23/2009	0.0029	
10/6/2009	<0.005	
5/3/2010	<0.005	
10/11/2010	<0.005	
4/27/2011	0.0028	
10/19/2011	<0.005	
5/1/2012	<0.005	
10/2/2012	<0.005	
4/10/2013	0.0014	
10/16/2013	0.0014	
4/22/2014	0.0013	
10/1/2014	<0.005	
3/30/2015	0.00079 (J)	
10/11/2015	<0.005	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/11/2016	<0.005	
1/30/2017	<0.005	
4/3/2017	<0.005	
6/12/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/18/2018	<0.005	
3/19/2019	<0.005	
9/12/2019	<0.005	
3/11/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/16/2023	<0.005	
7/28/2023	<0.005	
2/22/2024		<0.005
8/8/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	<0.005	
11/1/2007	<0.005	
11/20/2007	0.0046	
1/30/2008	0.0079	
3/6/2008	0.0037	
5/12/2008	<0.005	
12/13/2008	0.013	
4/29/2009	<0.005	
10/20/2009	<0.005	
4/26/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	0.0018	
4/3/2013	0.0014	
10/15/2013	0.0018	
4/9/2014	0.0013 (J)	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	<0.005	
3/31/2016	<0.005	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	0.0006 (J)	
2/7/2017	0.0017 (J)	
4/10/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	0.0021 (J)	
9/18/2018	<0.005	
3/22/2019	0.0011 (J)	
9/17/2019	<0.005	
3/12/2020	0.0017 (J)	
9/17/2020	<0.005	
3/18/2021	0.001 (J)	
8/10/2021	0.00075 (J)	
2/4/2022	0.0018 (J)	
8/17/2022	0.00051 (J)	
2/20/2023	0.0026 (J)	
7/31/2023	0.0007 (J)	
2/27/2024		0.0015 (J)
8/12/2024		0.00067 (J)
2/28/2025		0.0029 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	0.0031	
11/1/2007	0.0034	
11/18/2007	0.0045	
1/30/2008	0.0027	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/3/2012	0.0037	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	0.0036	
10/2/2014	0.016	
4/1/2015	<0.005	
10/11/2015	<0.005	
4/4/2016	<0.005	
5/26/2016	<0.005	
8/3/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	<0.005	
2/8/2017	<0.005	
4/10/2017	<0.005	
6/15/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	<0.005	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/4/2022	<0.005	
8/18/2022	<0.005	
2/20/2023	<0.005	
8/1/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/6/2008	0.11 (O)	
5/7/2008	<0.005	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	0.0026	
10/11/2015	0.00065 (J)	
4/4/2016	<0.005	
5/26/2016	<0.005	
8/4/2016	<0.005	
9/28/2016	<0.005	
11/22/2016	<0.005	
2/8/2017	<0.005	
4/10/2017	<0.005	
6/15/2017	<0.005	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	<0.005	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/4/2022	<0.005	
8/18/2022	<0.005	
2/20/2023	<0.005	
8/1/2023	<0.005	
2/28/2024		<0.005
8/12/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.0013	
11/1/2007	0.0041	
11/19/2007	0.0055	
1/16/2008	0.008	
3/5/2008	0.98 (O)	
5/13/2008	0.01	
12/13/2008	0.0073	
4/16/2009	0.0033	
10/21/2009	0.0039	
4/27/2010	0.0044	
10/5/2010	0.005	
4/19/2011	0.0039	
10/12/2011	0.0032	
4/24/2012	<0.0013	
10/2/2012	<0.0013	
4/2/2013	0.0038	
10/9/2013	0.003	
4/1/2014	0.0027	
10/2/2014	0.0027	
4/1/2015	0.0028	
10/14/2015	0.003	
4/4/2016	0.00351 (J)	
5/27/2016	0.00332 (J)	
8/3/2016	0.003 (J)	
9/30/2016	0.0035 (J)	
11/22/2016	0.0027 (J)	
2/13/2017	0.003 (J)	
4/11/2017	0.0031 (J)	
6/14/2017	0.0031 (J)	
10/4/2017	0.0032 (J)	
3/22/2018	0.0033 (J)	
9/18/2018	0.0031 (J)	
3/23/2019	0.0032 (J)	
9/17/2019	0.00305 (D)	
3/12/2020	0.0031 (J)	
9/21/2020	0.0029 (J)	
3/19/2021	0.0029 (J)	
8/11/2021	0.0026 (J)	
2/2/2022	0.0034 (J)	
8/18/2022	0.0028 (J)	
2/21/2023	0.0029 (J)	
8/1/2023	0.0032 (J)	
2/27/2024		0.0029 (J)
8/12/2024		0.0027 (J)
3/4/2025		0.0033 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	0.01	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	0.0037	
3/5/2008	<0.005	
5/12/2008	<0.005	
12/13/2008	0.011	
4/28/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/18/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
4/1/2015	<0.005	
10/15/2015	0.00051 (J)	
4/4/2016	<0.005	
5/31/2016	<0.005	
8/4/2016	<0.005	
9/29/2016	<0.005	
11/28/2016	<0.005	
2/9/2017	<0.005	
4/12/2017	<0.005	
6/16/2017	<0.005	
10/9/2017	<0.005	
3/21/2018	<0.005	
9/19/2018	<0.005	
3/23/2019	<0.005	
9/18/2019	0.0005 (J)	
3/13/2020	<0.005	
9/22/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/17/2022	<0.005	
8/18/2022	<0.005	
2/22/2023	<0.005	
8/1/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	0.0079	
4/29/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
6/1/2016	<0.005	
2/22/2017	<0.005	
4/11/2017	<0.005	
6/16/2017	<0.005	
7/12/2017	<0.005	
7/28/2017	<0.005	
8/10/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019	<0.005	
9/18/2019	<0.005	
3/17/2020	<0.005	
9/22/2020	<0.005	
3/19/2021	<0.005	
8/12/2021	<0.005	
2/4/2022	<0.005	
8/19/2022	<0.005	
2/22/2023	<0.005	
8/2/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	0.0039	
1/15/2008	<0.005	
3/5/2008	0.005	
5/7/2008	<0.005	
12/2/2008	0.011	
4/16/2009	0.005	
10/20/2009	0.0074	
4/20/2010	<0.005	
9/29/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
6/1/2016	<0.005	
8/9/2016	0.0003 (J)	
11/28/2016	<0.005	
2/9/2017	<0.005	
4/11/2017	<0.005	
6/14/2017	<0.005	
7/12/2017	<0.005	
10/5/2017	<0.005	
3/22/2018	<0.005	
9/19/2018	0.00058 (J)	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	<0.005	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022	<0.005	
8/18/2022	<0.005	
2/22/2023	<0.005	
8/1/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	<0.005	
1/15/2008	<0.005	
3/6/2008	<0.005	
5/7/2008	<0.005	
12/2/2008	<0.005	
4/28/2009	<0.005	
10/19/2009	<0.005	
4/27/2010	<0.005	
10/4/2010	<0.005	
4/18/2011	<0.005	
10/12/2011	<0.005	
4/23/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
5/31/2016	<0.005	
8/4/2016	<0.005	
9/29/2016	<0.005	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/12/2017	0.0006 (J)	
6/15/2017	0.0004 (J)	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/25/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	<0.005	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022	<0.005	
8/19/2022	<0.005	
2/22/2023	<0.005	
8/2/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	<0.005	
11/2/2007	<0.005	
11/18/2007	<0.005	
1/15/2008	0.0029	
3/10/2008	0.069 (O)	
5/13/2008	<0.005	
12/2/2008	0.0027	
4/28/2009	<0.005	
10/20/2009	<0.005	
4/27/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/10/2012	<0.005	
4/16/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/6/2015	<0.005	
4/5/2016	<0.005	
5/31/2016	<0.005	
11/23/2016	<0.005	
2/10/2017	<0.005	
4/11/2017	<0.005	
6/15/2017	<0.005	
7/12/2017	<0.005	
7/26/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	<0.005	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/7/2022	<0.005	
8/19/2022	<0.005	
2/22/2023	<0.005	
8/1/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	0.002 (J)	
5/16/2016	<0.01	
7/25/2016	0.0015 (J)	
9/19/2016	0.0014 (J)	
11/3/2016	0.0013 (J)	
1/19/2017	0.0013 (J)	
3/28/2017	0.0019 (J)	
6/5/2017	0.0022 (J)	
9/26/2017	0.0018 (J)	
3/15/2018	0.0018 (J)	
9/12/2018	0.0016 (J)	
3/14/2019	0.0022 (J)	
9/11/2019	0.0018 (J)	
3/10/2020	0.0021 (J)	
9/15/2020	0.0015 (J)	
3/11/2021	0.0016 (J)	
8/4/2021	0.0016 (J)	
1/31/2022	0.0017 (J)	
8/15/2022	0.0014 (J)	
2/14/2023	0.0014 (J)	
7/26/2023	0.0015 (J)	
2/20/2024		0.0016 (J)
8/6/2024		0.0011 (J)
2/26/2025		0.0019 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.01	
5/16/2016	<0.01 (D)	
7/25/2016	0.0017 (JD)	
9/19/2016	0.0017 (JD)	
11/4/2016	0.0013 (JD)	
1/23/2017	0.0013 (JD)	
3/29/2017	0.0013 (JD)	
6/7/2017	0.0011 (J)	
9/27/2017	0.0013 (J)	
3/15/2018	0.0012 (J)	
9/13/2018	0.001 (J)	
3/14/2019	0.0015 (JD)	
9/11/2019	0.0014 (JD)	
3/10/2020	0.0012 (J)	
9/11/2020	0.0012 (J)	
3/11/2021	0.0011 (J)	
8/6/2021	0.0011 (J)	
2/1/2022	0.0013 (J)	
8/12/2022	0.0011 (J)	
2/14/2023	0.0012 (J)	
7/26/2023	0.0013 (J)	
2/20/2024		0.0014 (J)
8/5/2024		0.0011 (J)
2/26/2025		0.0015 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.005	
5/17/2016	<0.005	
7/26/2016	0.0006 (J)	
9/20/2016	<0.005	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/28/2017	<0.005	
6/7/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019	<0.005	
9/11/2019	<0.005	
3/10/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/26/2023	<0.005	
2/21/2024		<0.005
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.00235 (J)	
5/17/2016	0.0025 (J)	
7/27/2016	0.0014 (J)	
9/20/2016	0.0015 (J)	
11/4/2016	0.0014 (J)	
1/23/2017	<0.01	
3/28/2017	0.0015 (J)	
6/8/2017	0.0016 (J)	
9/29/2017	0.0015 (J)	
3/15/2018	0.0013 (J)	
9/13/2018	0.0013 (J)	
3/15/2019	0.0012 (J)	
9/11/2019	0.00135 (JD)	
3/9/2020	0.0016 (J)	
9/14/2020	0.0017 (J)	
3/11/2021	0.0025 (J)	
8/4/2021	0.0017 (J)	
1/31/2022	0.0021 (J)	
8/15/2022	0.0027 (J)	
2/14/2023	0.0025 (J)	
7/26/2023	0.0029 (J)	
2/21/2024		0.0025 (J)
8/5/2024		0.0026 (J)
2/26/2025		0.0035 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.01	
5/18/2016	<0.01	
7/28/2016	0.0026 (J)	
9/21/2016	0.0044 (J)	
11/7/2016	0.0044 (J)	
1/24/2017	0.0049 (J)	
3/30/2017	0.0041 (J)	
6/9/2017	0.0054 (J)	
9/29/2017	0.0038 (J)	
3/15/2018	0.0026 (J)	
9/14/2018	0.0017 (J)	
3/19/2019	0.00069 (J)	
9/11/2019	0.00075 (J)	
3/9/2020	0.0028 (J)	
9/14/2020	0.0014 (J)	
3/15/2021	0.00056 (J)	
8/5/2021	0.0025 (J)	
2/1/2022	0.00066 (J)	
8/15/2022	0.0015 (J)	
2/14/2023	0.00096 (J)	
7/27/2023	0.00044 (J)	
2/21/2024		0.00037 (J)
8/6/2024		0.0021 (J)
2/26/2025		0.0014 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.005	
10/25/2007	<0.005	
11/19/2007	<0.005	
1/23/2008	0.0073	
3/11/2008	0.0025	
5/12/2008	<0.005	
12/11/2008	<0.005	
4/15/2009	<0.005	
10/9/2009	<0.005	
5/4/2010	<0.005	
10/12/2010	<0.005	
4/28/2011	<0.005	
10/19/2011	<0.005	
5/2/2012	<0.005	
10/9/2012	0.0024	
4/11/2013	0.002	
10/16/2013	0.0023	
4/23/2014	0.003	
10/3/2014	0.0034	
3/31/2015	0.00079 (J)	
10/12/2015	0.00063 (J)	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	0.0005 (J)	
9/27/2016	<0.005	
11/11/2016	0.0006 (J)	
1/31/2017	0.0007 (J)	
4/3/2017	0.0005 (J)	
6/12/2017	0.0004 (J)	
10/3/2017	0.0003 (J)	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019	<0.005	
9/16/2019	<0.005	
3/16/2020	0.00031 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/20/2023	<0.005	
7/28/2023	<0.005	
2/26/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.005	
10/25/2007	0.0038	
11/20/2007	<0.005	
1/23/2008	0.0047	
3/11/2008	<0.005	
5/14/2008	<0.005	
12/11/2008	<0.005	
4/23/2009	<0.005	
10/9/2009	<0.005	
5/4/2010	<0.005	
10/11/2010	<0.005	
4/26/2011	<0.005	
10/18/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/10/2013	<0.005	
10/8/2013	<0.005	
4/14/2014	0.0013 (J)	
10/3/2014	0.00071 (J)	
4/1/2015	<0.005	
10/9/2015	<0.005	
3/29/2016	<0.005	
5/24/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/18/2016	<0.005	
2/1/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/21/2019	<0.005	
9/16/2019	<0.005	
3/12/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/17/2023	<0.005	
7/31/2023	<0.005	
2/26/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.005	
8/2/2016	0.0018 (J)	
9/27/2016	0.0011 (J)	
11/21/2016	0.0008 (J)	
2/1/2017	0.0008 (J)	
4/6/2017	0.0008 (J)	
6/13/2017	0.0007 (J)	
7/14/2017	0.0005 (J)	
10/3/2017	0.0007 (J)	
3/20/2018	0.00076 (J)	
9/18/2018	0.00055 (J)	
3/21/2019	0.00059 (J)	
9/13/2019	0.00099 (J)	
3/12/2020	0.00031 (J)	
9/16/2020	0.00072 (J)	
3/17/2021	0.00045 (J)	
8/10/2021	0.00087 (J)	
2/2/2022	0.00042 (J)	
8/17/2022	<0.005	
2/20/2023	<0.005	
7/31/2023	<0.005	
2/26/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.005	
4/30/2012	<0.005	
10/3/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/10/2014	0.0013 (J)	
10/2/2014	<0.005	
4/3/2015	<0.005	
10/8/2015	0.0014	
3/30/2016	<0.005	
5/24/2016	<0.005	
8/2/2016	<0.005	
9/27/2016	<0.005	
11/22/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/14/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/27/2019	<0.005	
9/16/2019	<0.005 (D)	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/21/2023	<0.005	
7/31/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	0.0018	
6/18/2015	0.0018 (D)	
7/2/2015	0.0013	
10/8/2015	<0.005	
3/22/2016	<0.005	
5/25/2016	<0.005	
8/2/2016	<0.005	
9/26/2016	<0.005	
11/21/2016	<0.005	
2/3/2017	<0.005	
4/7/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005	
5/6/2019	<0.005	
9/16/2019	<0.005	
3/16/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/20/2023	<0.005	
7/31/2023	<0.005	
2/26/2024		<0.005
8/12/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	0.0034	
1/15/2008	0.0067	
3/6/2008	0.13 (O)	
5/13/2008	<0.005	
12/12/2008	0.0042	
4/16/2009	0.0047	
10/13/2009	0.0037	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/8/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	0.0013	
4/9/2014	0.0013 (J)	
9/30/2014	<0.005	
4/2/2015	0.00064 (J)	
10/10/2015	0.0015 (D)	
3/30/2016	<0.005	
5/26/2016	<0.005	
8/5/2016	<0.005	
9/28/2016	<0.005	
11/21/2016	<0.005	
2/6/2017	<0.005	
4/6/2017	<0.005	
6/13/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005 (D)	
3/21/2019	<0.005	
9/16/2019	<0.005	
3/12/2020	0.00044 (J)	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	0.00043 (J)	
8/17/2022	0.00043 (J)	
2/21/2023	0.00043 (J)	
7/31/2023	<0.005	
2/27/2024		0.0004 (J)
8/12/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	0.0066	
10/23/2007	0.0076	
11/18/2007	0.0055 (J)	
1/30/2008	0.0094	
3/10/2008	0.0056	
5/13/2008	0.0027	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	0.0076	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	<0.005	
10/16/2013	<0.005	
4/11/2014	0.005 (J)	
9/30/2014	<0.005	
3/30/2015	0.0033 (J)	
10/13/2015	0.0013 (J)	
3/22/2016	<0.005	
7/29/2016	<0.005	
3/30/2017	0.0004 (J)	
10/2/2017	0.0003 (J)	
3/16/2018	<0.005	
9/17/2018	<0.005 (D)	
3/20/2019	<0.005	
9/12/2019	<0.005	
3/11/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	0.0012 (J)	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.005	
10/24/2007	0.0088	
11/18/2007	0.0075	
1/31/2008	<0.005	
3/11/2008	0.0068	
5/6/2008	<0.005	
12/4/2008	0.013	
4/21/2009	<0.005	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	0.0027	
4/13/2011	0.0029	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	<0.005	
10/15/2013	<0.005	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
7/29/2016	0.0032 (J)	
3/30/2017	<0.005	
10/2/2017	<0.005	
3/19/2018	0.0025 (J)	
9/14/2018	<0.005	
3/20/2019	<0.005	
9/12/2019	0.01273 (JD)	
3/11/2020	0.0002 (J)	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		0.00082 (J)
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	0.0036	
10/24/2007	<0.005	
11/18/2007	0.013	
1/31/2008	0.0069	
3/10/2008	0.0044	
5/13/2008	0.0033	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	0.005 (J)	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
7/29/2016	0.0006 (J)	
4/3/2017	0.0004 (J)	
10/2/2017	0.0003 (J)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	0.00055 (J)	
3/11/2020	0.0011 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	0.0013 (J)	
2/1/2022	0.00096 (J)	
8/16/2022	<0.005	
2/16/2023	0.0011 (J)	
7/27/2023	0.0017 (J)	
2/26/2024		<0.005
8/6/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.005	
7/27/2016	0.0271 (o)	
2/21/2017	<0.005	
3/27/2017	<0.005	
9/29/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	0.002 (J)	
3/14/2019	<0.005	
3/9/2020	0.011 (J)	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/6/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.005	
5/11/2016	<0.005	
7/19/2016	0.0005 (J)	
9/15/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
9/26/2017	0.0005 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/15/2019	<0.005	
9/9/2019	<0.005	
3/9/2020	0.0007 (J)	
9/10/2020	<0.005	
3/12/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	0.017	
11/2/2007	0.016	
11/18/2007	0.048	
1/31/2008	0.039	
3/11/2008	0.037	
5/14/2008	0.051	
12/5/2008	0.038	
4/15/2009	0.033	
10/8/2009	0.037	
4/28/2010	0.037	
10/6/2010	0.041	
4/21/2011	0.034	
10/13/2011	0.048	
5/1/2012	0.0427	
10/9/2012	0.038	
4/11/2013	0.038	
10/16/2013	0.036	
4/23/2014	0.03	
10/4/2014	0.029	
3/31/2015	0.026	
10/12/2015	0.05	
3/23/2016	0.0297	
7/29/2016	0.0419	
3/30/2017	0.0392	
10/4/2017	0.0343	
3/19/2018	0.033	
9/17/2018	0.033	
3/20/2019	0.026	
9/13/2019	0.026	
3/11/2020	0.027	
3/29/2021	<0.005	
8/9/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/17/2023	<0.005	
8/1/2023	<0.005	
2/22/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.005	
5/11/2016	<0.005	
7/21/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/24/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/9/2019	0.0022 (J)	
3/9/2020	<0.005	
9/11/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/12/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.005	
5/12/2016	<0.005	
7/20/2016	<0.005	
9/15/2016	0.0007 (J)	
11/3/2016	<0.005	
1/18/2017	<0.005	
3/24/2017	<0.005	
9/25/2017	0.0003 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	0.00038 (JD)	
3/6/2020	0.00093 (J)	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	0.0005 (J)	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
9/25/2017	0.0007 (J)	
3/14/2018	0.0021 (J)	
9/12/2018	<0.005	
3/14/2019	0.0022 (J)	
9/10/2019	0.0022 (J)	
3/9/2020	0.0014 (J)	
9/10/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	0.0008 (J)	
1/31/2022	0.0028 (J)	
8/11/2022	<0.005	
2/13/2023	0.0012 (J)	
7/25/2023	<0.005	
2/19/2024		0.0011 (J)
8/1/2024		0.00053 (J)
2/25/2025		0.0035 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.005	
5/16/2016	<0.005	
7/22/2016	<0.005	
9/19/2016	0.003 (J)	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/6/2020	0.00019 (J)	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/20/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
9/22/2017	0.0004 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	0.00036 (J)	
3/9/2020	0.00035 (J)	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
1/31/2022	0.0014 (J)	
8/11/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/20/2024		0.00068 (J)
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
9/22/2017	0.0006 (J)	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	0.0015 (J)	
9/11/2019	0.00026 (J)	
3/9/2020	0.00035 (J)	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
4/7/2017	0.0004 (J)	
10/3/2017	<0.005 (D)	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/21/2019	<0.005 (D)	
9/12/2019	0.00045 (JD)	
3/12/2020	0.0002 (J)	
9/17/2020	<0.005	
3/16/2021	<0.005	
8/10/2021	<0.005	
2/3/2022	<0.005	
8/17/2022	<0.005	
2/17/2023	<0.005	
7/28/2023	<0.005	
2/27/2024		<0.005
8/8/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	0.018	
4/23/2009	0.013	
10/6/2009	0.012	
4/27/2010	0.0095	
9/30/2010	0.0087	
4/14/2011	0.0061	
10/5/2011	<0.025	
4/11/2012	<0.025	
10/2/2012	<0.025	
4/9/2013	0.0053	
10/15/2013	0.0076	
4/10/2014	0.005	
10/1/2014	0.0047 (J)	
3/30/2015	0.0048 (J)	
10/11/2015	0.0055	
3/28/2016	<0.025	
8/1/2016	0.0025 (J)	
4/7/2017	0.003 (J)	
10/2/2017	0.0031 (J)	
3/16/2018	0.0037 (J)	
9/17/2018	0.0028 (J)	
3/19/2019	0.0023 (J)	
9/13/2019	0.0023 (J)	
3/11/2020	0.0026 (J)	
9/16/2020	0.0018 (J)	
3/17/2021	0.0019 (J)	
8/9/2021	0.0017 (J)	
2/1/2022	0.0017 (J)	
8/16/2022	0.0014 (J)	
2/16/2023	0.0015 (J)	
7/28/2023	0.0023 (J)	
2/22/2024		0.0015 (J)
8/8/2024		0.0018 (J)
2/27/2025		0.0017 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	0.064 (O)	
4/23/2009	0.034	
10/6/2009	0.026	
5/3/2010	0.014	
10/11/2010	0.014	
4/27/2011	0.028	
10/19/2011	<0.013	
5/1/2012	0.0198	
10/2/2012	0.011	
4/10/2013	0.018	
10/16/2013	0.016	
4/22/2014	0.014	
10/1/2014	0.0041 (J)	
3/30/2015	0.012	
10/11/2015	0.0049 (J)	
3/28/2016	0.00734 (J)	
8/1/2016	0.0049 (J)	
4/3/2017	0.0023 (J)	
10/2/2017	0.0023 (J)	
3/16/2018	0.0035 (J)	
9/18/2018	0.0041 (J)	
3/19/2019	0.0029 (J)	
9/12/2019	0.0028 (J)	
3/11/2020	0.0035 (J)	
9/15/2020	0.0031 (J)	
3/17/2021	0.0024 (J)	
8/9/2021	0.0028 (J)	
2/2/2022	0.0033 (J)	
8/17/2022	0.0098	
2/16/2023	0.0028 (J)	
7/28/2023	0.0034 (J)	
2/22/2024		0.003 (J)
8/8/2024		0.0027 (J)
2/28/2025		0.004 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	0.0058	
11/1/2007	<0.005	
11/20/2007	0.006	
1/30/2008	0.0037	
3/6/2008	0.004	
5/12/2008	<0.005	
12/13/2008	0.0051	
4/29/2009	0.003	
10/20/2009	<0.005	
4/26/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/15/2013	<0.005	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	0.0027 (J)	
3/31/2016	<0.005	
8/5/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/4/2022	<0.005	
8/17/2022	<0.005	
2/20/2023	<0.005	
7/31/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	0.007	
11/1/2007	<0.005	
11/20/2007	0.0032	
1/30/2008	0.0039	
3/6/2008	<0.005	
5/8/2008	0.0039	
12/14/2008	0.0046	
4/29/2009	<0.005	
10/21/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/8/2012	<0.005	
4/3/2013	<0.005	
10/15/2013	<0.005	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/12/2015	<0.005	
3/31/2016	<0.005	
8/3/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	0.00029 (J)	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022	<0.005	
8/18/2022	<0.005	
2/20/2023	<0.005	
7/31/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	0.0037	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	0.0028	
4/12/2011	<0.005	
10/4/2011	0.013	
4/3/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	<0.005	
10/2/2014	0.00084 (J)	
4/1/2015	<0.005	
10/11/2015	<0.005	
4/4/2016	<0.005	
8/3/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	0.00023 (J)	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/4/2022	<0.005	
8/18/2022	<0.005	
2/20/2023	<0.005	
8/1/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	0.0032	
11/1/2007	0.0031	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/6/2008	<0.005	
5/7/2008	0.0029	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	0.005 (J)	
10/2/2014	0.0022 (J)	
4/1/2015	0.019	
10/11/2015	0.013	
4/4/2016	<0.005	
8/4/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	0.00031 (J)	
3/12/2020	0.00032 (J)	
9/21/2020	<0.005	
3/19/2021	0.0018 (J)	
8/11/2021	<0.005	
2/4/2022	<0.005	
8/18/2022	<0.005	
2/20/2023	<0.005	
8/1/2023	<0.005	
2/28/2024		<0.005
8/12/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	0.0029	
1/16/2008	0.0067	
3/5/2008	0.0058	
5/13/2008	<0.005	
12/13/2008	<0.005	
4/16/2009	0.0032	
10/21/2009	<0.005	
4/27/2010	0.0034	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/24/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	0.0063	
10/9/2013	<0.005	
4/1/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	<0.005	
10/14/2015	0.0017 (J)	
4/4/2016	<0.005	
8/3/2016	<0.005	
4/11/2017	0.0003 (J)	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	<0.005 (D)	
3/12/2020	<0.005	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/2/2022	<0.005	
8/18/2022	<0.005	
2/21/2023	<0.005	
8/1/2023	0.0039 (J)	
2/27/2024		<0.005
8/12/2024		0.00048 (J)
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	0.0035	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/12/2008	<0.005	
12/13/2008	0.0028	
4/28/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/18/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
4/1/2015	<0.005	
10/15/2015	<0.005	
4/4/2016	<0.005	
8/4/2016	<0.005	
4/12/2017	0.0003 (J)	
10/9/2017	0.0005 (J)	
3/21/2018	<0.005	
9/19/2018	<0.005	
3/23/2019	<0.005	
9/18/2019	0.00057 (J)	
3/13/2020	0.00033 (J)	
9/22/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/17/2022	<0.005	
8/18/2022	<0.005	
2/22/2023	<0.005	
8/1/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	0.0043	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	0.013	
4/29/2009	0.0029	
10/21/2009	<0.005	
4/28/2010	0.0032	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	0.005 (J)	
10/1/2014	<0.005	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
4/11/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019	<0.005	
9/18/2019	0.00021 (X)	
3/17/2020	0.00045 (J)	
9/22/2020	<0.005	
3/19/2021	<0.005	
8/12/2021	<0.005	
2/4/2022	<0.005	
8/19/2022	<0.005	
2/22/2023	0.0014 (J)	
8/2/2023	0.0011 (J)	
2/28/2024		<0.005
8/13/2024		<0.005
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.0048 (J)	
11/2/2007	<0.005	
11/17/2007	0.0031	
1/15/2008	0.0033	
3/5/2008	0.0026	
5/7/2008	0.0028	
12/2/2008	0.0029	
4/16/2009	0.0035	
10/20/2009	0.0056	
4/20/2010	<0.005	
9/29/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	0.0012 (J)	
4/5/2016	<0.005	
8/9/2016	<0.005	
4/11/2017	<0.005	
10/5/2017	<0.005	
3/22/2018	<0.005	
9/19/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	<0.005	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022	<0.005	
8/18/2022	<0.005	
2/22/2023	<0.005	
8/1/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.005	
11/2/2007	<0.005	
11/17/2007	0.02	
1/15/2008	0.0043	
3/6/2008	<0.005	
5/7/2008	0.0026	
12/2/2008	<0.005	
4/28/2009	0.003	
10/19/2009	<0.005	
4/27/2010	<0.005	
10/4/2010	0.0025	
4/18/2011	<0.005	
10/12/2011	<0.005	
4/23/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	0.00093 (J)	
4/5/2016	<0.005	
8/4/2016	0.0007 (J)	
4/12/2017	<0.005	
10/6/2017	0.0003 (J)	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/25/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	0.00029 (J)	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022	<0.005	
8/19/2022	<0.005	
2/22/2023	<0.005	
8/2/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	0.021	
11/2/2007	0.0037	
11/18/2007	0.007 (J)	
1/15/2008	0.0055	
3/10/2008	0.0042	
5/13/2008	<0.005	
12/2/2008	0.0039	
4/28/2009	<0.005	
10/20/2009	<0.005	
4/27/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/10/2012	<0.005	
4/16/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	0.005 (J)	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/6/2015	<0.005	
4/5/2016	<0.005	
4/11/2017	0.0003 (J)	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	0.0002 (J)	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/7/2022	<0.005	
8/19/2022	<0.005	
2/22/2023	<0.005	
8/1/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.005	
5/16/2016	<0.005	
7/25/2016	0.0005 (J)	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/19/2017	<0.005	
3/28/2017	<0.005 (*)	
9/26/2017	0.0006 (J)	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/11/2019	0.00043 (J)	
3/10/2020	0.00067 (J)	
9/15/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	0.0006 (J)	
1/31/2022	0.00053 (J)	
8/15/2022	<0.005	
2/14/2023	0.0054	
7/26/2023	<0.005	
2/20/2024		0.0005 (J)
8/6/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.005	
5/16/2016	<0.005 (D)	
7/25/2016	<0.005 (D)	
9/19/2016	0.0032 (JD)	
11/4/2016	0.0006 (JD)	
1/23/2017	0.0008 (JD)	
3/29/2017	0.0005 (JD)	
9/27/2017	0.0014 (J)	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019	<0.005 (D)	
9/11/2019	0.012 (JD)	
3/10/2020	0.00031 (J)	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
2/1/2022	<0.005	
8/12/2022	<0.005	
2/14/2023	<0.005	
7/26/2023	<0.005	
2/20/2024		0.00067 (J)
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.005	
5/16/2016	<0.005 (D)	
7/25/2016	<0.005 (D)	
9/19/2016	<0.005 (D)	
11/3/2016	<0.005 (D)	
1/20/2017	<0.005 (D)	
3/29/2017	0.0022 (JD)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019	<0.005 (D)	
9/11/2019	<0.005 (D)	
3/10/2020	<0.005	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
2/1/2022	<0.005	
8/12/2022	<0.005	
2/14/2023	<0.005	
7/26/2023	<0.005	
2/20/2024		<0.005
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.005	
5/17/2016	<0.005	
7/26/2016	<0.005	
9/20/2016	0.0008 (J)	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/28/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019	<0.005	
9/11/2019	<0.005	
3/10/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/26/2023	<0.005	
2/21/2024		<0.005
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/20/2016	0.0011 (J)	
11/7/2016	<0.005	
1/23/2017	<0.005	
3/29/2017	0.0003 (J)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/15/2019	<0.005	
9/12/2019	<0.005	
3/9/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
2/1/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	0.0016 (J)	
7/27/2023	<0.005	
2/21/2024		<0.005
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/20/2016	0.001 (J)	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/29/2017	0.0003 (J)	
9/27/2017	0.0011 (J)	
3/16/2018	<0.005	
9/13/2018	<0.005	
3/19/2019	<0.005	
9/11/2019	0.0008 (J)	
3/9/2020	0.00032 (J)	
9/15/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
2/1/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/27/2023	<0.005	
2/21/2024		<0.005
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.005	
5/17/2016	<0.005	
7/27/2016	<0.005	
9/20/2016	0.0018 (J)	
11/4/2016	<0.005	
1/23/2017	<0.005	
3/28/2017	<0.005 (*)	
9/29/2017	0.0003 (J)	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/15/2019	<0.005	
9/11/2019	0.000535 (JD)	
3/9/2020	0.00035 (J)	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/26/2023	<0.005	
2/21/2024		0.00045 (J)
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.005	
5/18/2016	<0.005	
7/28/2016	0.0007 (J)	
9/21/2016	0.0018 (J)	
11/7/2016	<0.005	
1/24/2017	<0.005	
3/30/2017	0.0003 (J)	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/11/2019	0.00021 (J)	
3/9/2020	0.00035 (J)	
9/14/2020	<0.005	
3/15/2021	<0.005	
8/5/2021	0.00061 (J)	
2/1/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/27/2023	<0.005	
2/21/2024		<0.005
8/6/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.0064	
10/25/2007	0.0081	
11/19/2007	0.0059	
1/23/2008	0.018	
3/11/2008	0.027	
5/12/2008	0.016	
12/11/2008	0.016	
4/15/2009	0.017	
10/9/2009	0.045	
5/4/2010	0.031	
10/12/2010	0.024	
4/28/2011	0.0044	
10/19/2011	0.038	
5/2/2012	0.0865 (O)	
10/9/2012	0.053	
4/11/2013	0.04	
10/16/2013	0.054	
4/23/2014	0.054	
10/3/2014	0.066	
3/31/2015	0.025	
10/12/2015	0.018	
3/28/2016	0.0256	
8/1/2016	0.0178 (J)	
4/3/2017	0.0272	
10/3/2017	0.0239 (J)	
3/19/2018	0.021 (J)	
9/17/2018	0.018 (J)	
3/20/2019	0.023 (J)	
9/16/2019	0.016 (J)	
3/16/2020	0.012 (J)	
9/16/2020	0.017 (J)	
3/17/2021	0.019	
8/9/2021	0.026	
2/2/2022	0.024	
8/16/2022	0.021	
2/20/2023	0.023	
7/28/2023	0.024	
2/26/2024		0.019
8/8/2024		0.018
2/27/2025		0.016

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	0.0033	
10/25/2007	<0.005	
11/20/2007	0.0052	
1/23/2008	0.0069	
3/11/2008	0.0029	
5/14/2008	0.0035	
12/11/2008	<0.005	
4/23/2009	0.0038	
10/9/2009	0.0032	
5/4/2010	<0.005	
10/11/2010	0.0029	
4/26/2011	<0.005	
10/18/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/10/2013	<0.005	
10/8/2013	<0.005	
4/14/2014	0.005 (J)	
10/3/2014	0.00091 (J)	
4/1/2015	0.0011 (J)	
10/9/2015	<0.005	
3/29/2016	<0.005	
8/1/2016	<0.005	
4/6/2017	<0.005	
10/3/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/21/2019	0.0018 (J)	
9/16/2019	<0.005	
3/12/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/17/2023	<0.005	
7/31/2023	<0.005	
2/26/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	<0.005	
6/18/2015	<0.005 (D)	
7/2/2015	<0.005	
10/9/2015	<0.005	
3/29/2016	<0.005	
8/1/2016	<0.005	
4/6/2017	<0.005	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/17/2018	<0.005	
3/21/2019	<0.005	
9/16/2019	<0.005	
3/12/2020	0.00028 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/17/2023	<0.005	
7/28/2023	<0.005	
2/26/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
8/2/2016	<0.005	
4/6/2017	0.0004 (J)	
10/3/2017	0.0006 (J)	
3/20/2018	<0.005	
9/18/2018	<0.005	
3/21/2019	<0.005	
9/13/2019	0.00025 (J)	
3/12/2020	0.00021 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/20/2023	<0.005	
7/31/2023	<0.005	
2/26/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.005	
4/30/2012	<0.005	
10/3/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/10/2014	<0.005	
10/2/2014	<0.005	
4/3/2015	<0.005	
10/8/2015	0.002 (J)	
3/30/2016	<0.005	
8/2/2016	<0.005	
4/6/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/27/2019	<0.005	
9/16/2019	<0.005 (D)	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/21/2023	<0.005	
7/31/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.005	
6/18/2015	0.005 (D)	
7/2/2015	<0.005	
10/8/2015	0.00091 (J)	
3/22/2016	<0.005	
8/2/2016	<0.005	
4/7/2017	<0.005	
10/3/2017	0.0003 (J)	
3/20/2018	<0.005	
9/18/2018	<0.005	
5/6/2019	<0.005	
9/16/2019	<0.005	
3/16/2020	0.00024 (J)	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/20/2023	<0.005	
7/31/2023	<0.005	
2/26/2024		<0.005
8/12/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.005	
11/1/2007	0.0047	
11/19/2007	0.0067 (J)	
1/15/2008	0.01	
3/6/2008	0.007	
5/13/2008	<0.005	
12/12/2008	0.0048	
4/16/2009	0.0042	
10/13/2009	0.0034	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/8/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/9/2014	<0.005	
9/30/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	0.00345 (JD)	
3/30/2016	<0.005	
8/5/2016	<0.005	
4/6/2017	0.0003 (J)	
10/3/2017	<0.005	
3/20/2018	<0.005	
9/18/2018	<0.005 (D)	
3/21/2019	<0.005	
9/16/2019	0.00021 (J)	
3/12/2020	0.00031 (J)	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/21/2023	<0.005	
7/31/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.001	
10/23/2007	<0.001	
11/18/2007	<0.001	
1/30/2008	<0.001	
3/10/2008	<0.001	
5/13/2008	<0.001	
12/5/2008	<0.001	
4/15/2009	<0.001	
10/7/2009	<0.001	
5/3/2010	<0.001	
10/12/2010	<0.001	
4/27/2011	<0.001	
10/17/2011	<0.001	
5/2/2012	<0.001	
10/8/2012	<0.001	
4/12/2013	<0.001	
10/16/2013	<0.001	
4/11/2014	<0.001	
9/30/2014	<0.001	
3/30/2015	0.0028 (J)	
10/13/2015	<0.001	
3/22/2016	<0.001	
5/19/2016	<0.001	
7/29/2016	0.0002 (J)	
9/23/2016	<0.001	
11/9/2016	0.0004 (J)	
1/30/2017	<0.001	
3/30/2017	8E-05 (J)	
6/9/2017	0.0001 (J)	
10/2/2017	0.0002 (J)	
3/16/2018	<0.001	
9/17/2018	<0.001 (D)	
3/20/2019	<0.001	
9/12/2019	<0.001	
3/11/2020	<0.001	
9/15/2020	9.3E-05 (J)	
3/16/2021	5.2E-05 (J)	
8/9/2021	<0.001	
2/1/2022	<0.001	
8/16/2022	<0.001	
2/16/2023	<0.001	
7/27/2023	<0.001	
2/22/2024		<0.001
8/7/2024		<0.001
2/27/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.001	
10/24/2007	<0.001	
11/18/2007	<0.001	
1/31/2008	<0.001	
3/11/2008	<0.001	
5/6/2008	<0.001	
12/4/2008	<0.001	
4/21/2009	<0.001	
10/7/2009	<0.001	
4/26/2010	<0.001	
10/4/2010	<0.001	
4/13/2011	<0.001	
10/5/2011	<0.001	
4/11/2012	<0.001	
10/9/2012	<0.001	
4/15/2013	<0.001	
10/15/2013	<0.001	
4/22/2014	<0.001	
9/30/2014	<0.001	
3/30/2015	<0.001	
10/13/2015	<0.001	
3/23/2016	<0.001	
5/20/2016	<0.001	
7/29/2016	0.0001 (J)	
9/23/2016	<0.001	
11/9/2016	<0.001	
1/31/2017	<0.001	
3/30/2017	<0.001	
6/12/2017	<0.001	
10/2/2017	<0.001	
3/19/2018	<0.001	
9/14/2018	<0.001	
3/20/2019	<0.001	
9/12/2019	0.002536 (JD)	
3/11/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/9/2021	<0.001	
2/1/2022	<0.001	
8/16/2022	<0.001	
2/16/2023	<0.001	
7/27/2023	<0.001	
2/22/2024		<0.001
8/7/2024		<0.001
2/27/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.001	
10/24/2007	<0.001	
11/18/2007	<0.001	
1/31/2008	<0.001	
3/10/2008	<0.001	
5/13/2008	<0.001	
12/4/2008	<0.001	
4/21/2009	<0.001	
10/8/2009	<0.001	
4/21/2010	<0.001	
9/28/2010	<0.001	
4/12/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
10/9/2012	<0.001	
4/11/2013	<0.001	
10/16/2013	<0.001	
4/10/2014	<0.001	
9/30/2014	<0.001	
3/30/2015	<0.001	
10/13/2015	<0.001	
3/23/2016	<0.001	
5/19/2016	<0.001	
7/29/2016	<0.001	
9/22/2016	<0.001	
11/10/2016	<0.001	
1/31/2017	<0.001	
4/3/2017	<0.001	
6/9/2017	<0.001	
10/2/2017	<0.001	
3/16/2018	<0.001	
9/14/2018	<0.001	
3/19/2019	<0.001	
9/13/2019	<0.001	
3/11/2020	5.8E-05 (J)	
9/15/2020	5E-05 (J)	
3/16/2021	7E-05 (J)	
8/9/2021	<0.001	
2/1/2022	<0.001	
8/16/2022	<0.001	
2/16/2023	<0.001	
7/27/2023	<0.001	
2/26/2024		<0.001
8/6/2024		<0.001
2/27/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.001 (D)	
7/27/2016	0.0011 (JD)	
2/21/2017	<0.001	
3/27/2017	<0.001 (D)	
6/8/2017	<0.001 (D)	
7/17/2017	<0.001 (D)	
7/27/2017	0.0001 (J)	
8/9/2017	<0.001	
9/29/2017	<0.001 (D)	
3/16/2018	<0.001	
9/14/2018	<0.001	
3/14/2019	<0.001	
3/9/2020	0.00027 (J)	
9/16/2020	0.0005 (J)	
3/16/2021	0.0002 (J)	
8/6/2021	<0.001	
2/2/2022	<0.001	
8/16/2022	<0.001	
2/14/2023	<0.001	
7/25/2023	0.00014 (J)	
2/19/2024		<0.001
8/1/2024		<0.001
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.001	
5/11/2016	<0.001	
7/19/2016	<0.001	
9/15/2016	<0.001	
11/2/2016	<0.001	
1/18/2017	<0.001	
3/28/2017	<0.001 (*)	
6/7/2017	8E-05 (J)	
9/26/2017	0.0002 (J)	
3/14/2018	<0.001	
9/12/2018	<0.001	
3/15/2019	<0.001	
9/9/2019	<0.001	
3/9/2020	5.5E-05 (J)	
9/10/2020	<0.001	
3/12/2021	0.0002 (J)	
8/4/2021	<0.001	
1/31/2022	<0.001	
8/10/2022	<0.001	
2/13/2023	<0.001	
7/26/2023	<0.001	
2/19/2024		<0.001
8/1/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.001	
5/11/2016	<0.001	
7/21/2016	<0.001	
9/15/2016	<0.001	
11/3/2016	<0.001	
1/17/2017	<0.001	
3/24/2017	<0.001 (*)	
5/24/2017	0.0001 (J)	
9/26/2017	0.0001 (J)	
3/14/2018	0.00046 (J)	
9/12/2018	<0.001	
3/13/2019	<0.001	
9/9/2019	<0.001	
3/9/2020	9.5E-05 (J)	
9/11/2020	<0.001	
3/10/2021	<0.001	
8/4/2021	<0.001	
1/31/2022	<0.001	
8/12/2022	<0.001	
2/13/2023	<0.001	
7/26/2023	<0.001	
2/19/2024		<0.001
8/1/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.001	
5/12/2016	<0.001	
7/20/2016	<0.001	
9/15/2016	<0.001	
11/3/2016	<0.001	
1/18/2017	<0.001	
3/24/2017	<0.001	
6/6/2017	<0.001	
9/25/2017	<0.001	
3/14/2018	<0.001	
9/12/2018	<0.001	
3/14/2019	<0.001	
9/10/2019	<0.001 (D)	
3/6/2020	9.1E-05 (J)	
9/10/2020	<0.001	
3/11/2021	<0.001	
8/4/2021	<0.001	
1/31/2022	<0.001	
8/11/2022	<0.001	
2/13/2023	<0.001	
7/25/2023	<0.001	
2/19/2024		<0.001
8/1/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.001	
5/13/2016	<0.001	
7/21/2016	0.0001 (J)	
9/21/2016	<0.001	
11/3/2016	<0.001	
1/17/2017	<0.001	
3/27/2017	<0.001	
6/6/2017	<0.001	
9/25/2017	0.0001 (J)	
3/14/2018	0.00031 (J)	
9/12/2018	<0.001	
3/14/2019	0.00031 (J)	
9/10/2019	<0.001	
3/9/2020	4.9E-05 (J)	
9/10/2020	<0.001	
3/10/2021	0.00012 (J)	
8/4/2021	<0.001	
1/31/2022	<0.001	
8/11/2022	<0.001	
2/13/2023	<0.001	
7/25/2023	<0.001	
2/19/2024		<0.001
8/1/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.001	
5/16/2016	<0.001	
7/22/2016	0.0001 (J)	
9/19/2016	0.0002 (J)	
11/3/2016	<0.001	
1/17/2017	<0.001	
3/27/2017	<0.001	
6/7/2017	<0.001	
9/26/2017	<0.001	
3/14/2018	<0.001	
9/14/2018	<0.001	
3/14/2019	<0.001	
9/10/2019	<0.001	
3/6/2020	0.00011 (J)	
9/10/2020	<0.001	
3/11/2021	<0.001	
8/4/2021	<0.001	
1/31/2022	<0.001	
8/10/2022	<0.001	
2/13/2023	<0.001	
7/26/2023	<0.001	
2/20/2024		<0.001
8/1/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.001	
5/13/2016	<0.001	
7/19/2016	<0.001	
9/16/2016	<0.001	
11/2/2016	<0.001	
1/18/2017	<0.001	
3/28/2017	<0.001	
6/6/2017	7E-05 (J)	
9/22/2017	8E-05 (J)	
3/14/2018	<0.001	
9/12/2018	<0.001	
3/13/2019	<0.001	
9/11/2019	0.0001 (J)	
3/9/2020	9.1E-05 (J)	
9/11/2020	4.6E-05 (J)	
3/11/2021	6.3E-05 (J)	
8/6/2021	<0.001	
1/31/2022	<0.001	
8/11/2022	<0.001	
2/14/2023	<0.001	
7/25/2023	0.00018 (J)	
2/20/2024		<0.001
8/2/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.001	
5/13/2016	<0.001	
7/19/2016	<0.001	
9/16/2016	<0.001	
11/2/2016	<0.001	
1/18/2017	<0.001	
3/28/2017	<0.001	
6/6/2017	0.0001 (J)	
9/22/2017	7E-05 (J)	
3/15/2018	0.0038 (J)	
9/12/2018	<0.001	
3/13/2019	<0.001	
9/11/2019	9.2E-05 (J)	
3/9/2020	9.6E-05 (J)	
9/14/2020	6.6E-05 (J)	
3/11/2021	0.00013 (J)	
8/5/2021	<0.001	
1/31/2022	<0.001	
8/10/2022	<0.001	
2/13/2023	<0.001	
7/25/2023	<0.001	
2/20/2024		<0.001
8/2/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.0002 (J)	
4/7/2017	<0.001	
6/14/2017	<0.001 (D)	
7/12/2017	<0.001 (D)	
7/20/2017	<0.001 (D)	
7/28/2017	<0.001	
8/9/2017	<0.001	
8/24/2017	<0.001	
10/3/2017	<0.001 (D)	
3/21/2018	<0.001	
9/18/2018	<0.001	
3/21/2019	<0.001 (D)	
9/12/2019	6.5E-05 (JD)	
3/12/2020	<0.001	
9/17/2020	<0.001	
3/16/2021	<0.001	
8/10/2021	<0.001	
2/3/2022	<0.001	
8/17/2022	<0.001	
2/17/2023	<0.001	
7/28/2023	<0.001	
2/27/2024		<0.001
8/8/2024		<0.001
2/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	<0.001	
4/23/2009	<0.001	
10/6/2009	<0.001	
4/27/2010	<0.001	
9/30/2010	<0.001	
4/14/2011	<0.001	
10/5/2011	<0.001	
4/11/2012	<0.001	
10/2/2012	<0.001	
4/9/2013	<0.001	
10/15/2013	<0.001	
4/10/2014	<0.001	
10/1/2014	<0.001	
3/30/2015	<0.001	
10/11/2015	<0.001	
3/28/2016	<0.001	
5/23/2016	<0.001	
8/1/2016	<0.001	
9/26/2016	0.0001 (J)	
11/10/2016	<0.001	
1/30/2017	<0.001	
4/7/2017	<0.001	
6/12/2017	<0.001	
10/2/2017	0.0003 (J)	
3/16/2018	<0.001	
9/17/2018	<0.001	
3/19/2019	<0.001	
9/13/2019	<0.001	
3/11/2020	<0.001	
9/16/2020	9.3E-05 (J)	
3/17/2021	<0.001	
8/9/2021	<0.001	
2/1/2022	<0.001	
8/16/2022	<0.001	
2/16/2023	<0.001	
7/28/2023	<0.001	
2/22/2024		<0.001
8/8/2024		<0.001
2/27/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.001	
4/23/2009	<0.001	
10/6/2009	<0.001	
5/3/2010	<0.001	
10/11/2010	<0.001	
4/27/2011	<0.001	
10/19/2011	<0.001	
5/1/2012	0.0012	
10/2/2012	<0.001	
4/10/2013	<0.001	
10/16/2013	<0.001	
4/22/2014	<0.001	
10/1/2014	<0.001	
3/30/2015	<0.001	
10/11/2015	<0.001	
3/28/2016	<0.001	
5/25/2016	<0.001	
8/1/2016	<0.001	
9/26/2016	<0.001	
11/11/2016	<0.001	
1/30/2017	<0.001	
4/3/2017	<0.001	
6/12/2017	<0.001	
10/2/2017	<0.001	
3/16/2018	<0.001	
9/18/2018	<0.001	
3/19/2019	<0.001	
9/12/2019	<0.001	
3/11/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/9/2021	<0.001	
2/2/2022	<0.001	
8/17/2022	<0.001	
2/16/2023	<0.001	
7/28/2023	<0.001	
2/22/2024		<0.001
8/8/2024		<0.001
2/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	<0.001	
11/1/2007	<0.001	
11/20/2007	<0.001	
1/30/2008	<0.001	
3/6/2008	<0.001	
5/12/2008	<0.001	
12/13/2008	<0.001	
4/29/2009	<0.001	
10/20/2009	<0.001	
4/26/2010	<0.001	
9/29/2010	<0.001	
4/13/2011	<0.001	
10/5/2011	<0.001	
4/4/2012	<0.001	
10/3/2012	<0.001	
4/3/2013	<0.001	
10/15/2013	<0.001	
4/9/2014	<0.001	
10/2/2014	<0.001	
4/2/2015	<0.001	
10/10/2015	<0.001	
3/31/2016	<0.001	
5/26/2016	<0.001	
8/5/2016	<0.001	
9/28/2016	<0.001	
11/22/2016	<0.001	
2/7/2017	<0.001	
4/10/2017	<0.001	
6/14/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
9/18/2018	<0.001	
3/22/2019	<0.001	
9/17/2019	4.7E-05 (J)	
3/12/2020	<0.001	
9/17/2020	<0.001	
3/18/2021	<0.001	
8/10/2021	<0.001	
2/4/2022	<0.001	
8/17/2022	<0.001	
2/20/2023	<0.001	
7/31/2023	<0.001	
2/27/2024		<0.001
8/12/2024		<0.001
2/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	<0.001	
11/1/2007	<0.001	
11/20/2007	<0.001	
1/30/2008	<0.001	
3/6/2008	<0.001	
5/8/2008	<0.001	
12/14/2008	<0.001	
4/29/2009	<0.001	
10/21/2009	<0.001	
4/21/2010	<0.001	
9/28/2010	<0.001	
4/12/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
10/8/2012	<0.001	
4/3/2013	<0.001	
10/15/2013	<0.001	
4/9/2014	<0.001	
10/2/2014	<0.001	
4/2/2015	<0.001	
10/12/2015	<0.001	
3/31/2016	<0.001	
5/26/2016	<0.001	
8/3/2016	<0.001	
9/28/2016	<0.001	
11/22/2016	<0.001	
2/7/2017	<0.001	
4/10/2017	<0.001	
6/14/2017	<0.001	
10/4/2017	<0.001	
3/21/2018	<0.001	
9/18/2018	<0.001	
3/22/2019	<0.001	
9/17/2019	0.00017 (J)	
3/12/2020	<0.001	
9/17/2020	<0.001	
3/18/2021	<0.001	
8/11/2021	<0.001	
2/4/2022	<0.001	
8/18/2022	<0.001	
2/20/2023	<0.001	
7/31/2023	<0.001	
2/27/2024		<0.001
8/12/2024		<0.001
3/3/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.001	
11/1/2007	<0.001	
11/18/2007	<0.001	
1/30/2008	<0.001	
3/5/2008	<0.001	
5/7/2008	<0.001	
12/14/2008	<0.001	
4/29/2009	<0.001	
10/22/2009	<0.001	
4/21/2010	<0.001	
9/28/2010	<0.001	
4/12/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
10/3/2012	<0.001	
4/3/2013	<0.001	
10/9/2013	<0.001	
4/2/2014	<0.001	
10/2/2014	<0.001	
4/1/2015	<0.001	
10/11/2015	<0.001	
4/4/2016	<0.001	
5/26/2016	<0.001	
8/3/2016	<0.001	
9/28/2016	<0.001	
11/22/2016	<0.001	
2/8/2017	<0.001	
4/10/2017	<0.001	
6/15/2017	9E-05 (J)	
10/4/2017	<0.001	
3/21/2018	<0.001	
9/18/2018	<0.001	
3/23/2019	<0.001	
9/17/2019	4.6E-05 (J)	
3/12/2020	5.2E-05 (J)	
9/21/2020	<0.001	
3/19/2021	<0.001	
8/11/2021	<0.001	
2/4/2022	<0.001	
8/18/2022	<0.001	
2/20/2023	<0.001	
8/1/2023	<0.001	
2/28/2024		<0.001
8/13/2024		<0.001
3/4/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.001	
11/1/2007	<0.001	
11/18/2007	<0.001	
1/30/2008	<0.001	
3/6/2008	<0.001	
5/7/2008	<0.001	
12/14/2008	<0.001	
4/29/2009	<0.001	
10/22/2009	<0.001	
4/21/2010	<0.001	
9/29/2010	<0.001	
4/13/2011	<0.001	
10/4/2011	<0.001	
4/4/2012	<0.001	
10/3/2012	<0.001	
4/3/2013	<0.001	
10/9/2013	<0.001	
4/2/2014	<0.001	
10/2/2014	<0.001	
4/1/2015	<0.001	
10/11/2015	<0.001	
4/4/2016	<0.001	
5/26/2016	<0.001	
8/4/2016	<0.001	
9/28/2016	<0.001	
11/22/2016	<0.001	
2/8/2017	<0.001	
4/10/2017	<0.001	
6/15/2017	<0.001	
10/4/2017	<0.001	
3/22/2018	<0.001	
9/18/2018	<0.001	
3/23/2019	<0.001	
9/17/2019	8.2E-05 (J)	
3/12/2020	4.6E-05 (J)	
9/21/2020	<0.001	
3/19/2021	0.00018 (J)	
8/11/2021	<0.001	
2/4/2022	<0.001	
8/18/2022	<0.001	
2/20/2023	<0.001	
8/1/2023	<0.001	
2/28/2024		<0.001
8/12/2024		<0.001
3/3/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.001	
11/1/2007	<0.001	
11/19/2007	<0.001	
1/31/2008	<0.001	
3/5/2008	<0.001	
5/12/2008	<0.001	
12/13/2008	<0.001	
4/28/2009	<0.001	
10/21/2009	<0.001	
4/28/2010	<0.001	
10/5/2010	<0.001	
4/19/2011	<0.001	
10/18/2011	<0.001	
4/25/2012	<0.001	
10/2/2012	<0.001	
4/2/2013	<0.001	
10/8/2013	<0.001	
4/1/2014	<0.001	
10/1/2014	<0.001	
4/1/2015	<0.001	
10/15/2015	<0.001	
4/4/2016	<0.001	
5/31/2016	<0.001	
8/4/2016	0.0001 (J)	
9/29/2016	0.0001 (J)	
11/28/2016	<0.001	
2/9/2017	0.0001 (J)	
4/12/2017	<0.001	
6/16/2017	0.0002 (J)	
10/9/2017	0.0001 (J)	
3/21/2018	<0.001	
9/19/2018	<0.001	
3/23/2019	<0.001	
9/18/2019	0.0002 (J)	
3/13/2020	0.00013 (J)	
9/22/2020	0.00015 (J)	
3/18/2021	0.00024 (J)	
8/11/2021	<0.001	
2/17/2022	<0.001	
8/18/2022	<0.001	
2/22/2023	<0.001	
8/1/2023	<0.001	
2/27/2024		<0.001
8/12/2024		<0.001
3/3/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.001	
11/1/2007	<0.001	
11/19/2007	<0.001	
1/31/2008	<0.001	
3/5/2008	<0.001	
5/7/2008	<0.001	
12/12/2008	<0.001	
4/29/2009	<0.001	
10/21/2009	<0.001	
4/28/2010	<0.001	
10/6/2010	<0.001	
4/20/2011	<0.001	
10/12/2011	<0.001	
4/25/2012	<0.001	
10/2/2012	<0.001	
4/2/2013	<0.001	
10/8/2013	<0.001	
4/1/2014	<0.001	
10/1/2014	<0.001	
3/31/2015	<0.001	
10/14/2015	<0.001	
4/4/2016	<0.001	
6/1/2016	<0.001	
2/22/2017	0.0003 (J)	
4/11/2017	<0.001	
6/16/2017	<0.001	
7/12/2017	<0.001	
7/28/2017	<0.001	
8/10/2017	<0.001	
10/6/2017	<0.001	
3/23/2018	<0.001	
9/20/2018	<0.001	
3/22/2019	<0.001	
9/18/2019	4.8E-05 (X)	
3/17/2020	<0.001	
9/22/2020	7.1E-05 (J)	
3/19/2021	7.4E-05 (J)	
8/12/2021	<0.001	
2/4/2022	<0.001	
8/19/2022	<0.001	
2/22/2023	<0.001	
8/2/2023	<0.001	
2/28/2024		<0.001
8/13/2024		<0.001
3/4/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.001	
11/2/2007	<0.001	
11/17/2007	<0.001	
1/15/2008	<0.001	
3/5/2008	<0.001	
5/7/2008	<0.001	
12/2/2008	<0.001	
4/16/2009	<0.001	
10/20/2009	<0.001	
4/20/2010	<0.001	
9/29/2010	<0.001	
4/12/2011	<0.001	
10/4/2011	<0.001	
4/4/2012	<0.001	
10/10/2012	<0.001	
4/15/2013	<0.001	
10/22/2013	<0.001	
4/21/2014	<0.001	
9/30/2014	<0.001	
4/3/2015	<0.001	
10/7/2015	<0.001	
4/5/2016	<0.001	
6/1/2016	<0.001	
8/9/2016	<0.001	
11/28/2016	<0.001	
2/9/2017	0.0002 (J)	
4/11/2017	<0.001	
6/14/2017	<0.001	
7/12/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
9/19/2018	<0.001	
3/22/2019	<0.001	
9/17/2019	<0.001	
3/13/2020	<0.001	
9/21/2020	0.00023 (J)	
3/18/2021	<0.001	
8/11/2021	<0.001	
2/4/2022	<0.001	
8/18/2022	<0.001	
2/22/2023	<0.001	
8/1/2023	<0.001	
2/28/2024		<0.001
8/13/2024		<0.001
3/3/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.001	
11/2/2007	<0.001	
11/17/2007	<0.001	
1/15/2008	<0.001	
3/6/2008	<0.001	
5/7/2008	<0.001	
12/2/2008	<0.001	
4/28/2009	<0.001	
10/19/2009	<0.001	
4/27/2010	<0.001	
10/4/2010	<0.001	
4/18/2011	<0.001	
10/12/2011	<0.001	
4/23/2012	<0.001	
10/10/2012	<0.001	
4/15/2013	<0.001	
10/22/2013	<0.001	
4/21/2014	<0.001	
9/30/2014	<0.001	
4/3/2015	<0.001	
10/7/2015	<0.001	
4/5/2016	<0.001	
5/31/2016	<0.001	
8/4/2016	<0.001	
9/29/2016	0.0008 (J)	
11/23/2016	0.0011 (J)	
2/10/2017	<0.001	
4/12/2017	<0.001	
6/15/2017	0.0005 (J)	
10/6/2017	0.0004 (J)	
3/23/2018	0.00028 (J)	
9/19/2018	0.00029 (J)	
3/25/2019	0.00047 (J)	
9/17/2019	0.00016 (J)	
3/13/2020	0.00037 (J)	
9/21/2020	0.00093 (J)	
3/18/2021	0.00036 (J)	
8/11/2021	<0.001	
2/4/2022	<0.001	
8/19/2022	<0.001	
2/22/2023	<0.001	
8/2/2023	0.00024 (J)	
2/28/2024		0.00023 (J)
8/13/2024		0.00023 (J)
3/3/2025		0.0004 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	<0.001	
11/2/2007	<0.001	
11/18/2007	<0.001	
1/15/2008	<0.001	
3/10/2008	<0.001	
5/13/2008	<0.001	
12/2/2008	<0.001	
4/28/2009	<0.001	
10/20/2009	<0.001	
4/27/2010	<0.001	
10/5/2010	<0.001	
4/19/2011	<0.001	
10/12/2011	<0.001	
4/25/2012	<0.001	
10/10/2012	<0.001	
4/16/2013	<0.001	
10/22/2013	<0.001	
4/21/2014	<0.001	
9/30/2014	<0.001	
4/3/2015	<0.001	
10/6/2015	<0.001	
4/5/2016	<0.001	
5/31/2016	<0.001	
11/23/2016	<0.001	
2/10/2017	<0.001	
4/11/2017	<0.001	
6/15/2017	<0.001	
7/12/2017	<0.001	
7/26/2017	<0.001	
10/6/2017	<0.001	
3/23/2018	<0.001	
9/19/2018	<0.001	
3/22/2019	<0.001	
9/17/2019	<0.001	
3/13/2020	4.8E-05 (J)	
9/21/2020	7.5E-05 (J)	
3/18/2021	4E-05 (J)	
8/11/2021	<0.001	
2/7/2022	<0.001	
8/19/2022	<0.001	
2/22/2023	<0.001	
8/1/2023	<0.001	
2/28/2024		<0.001
8/13/2024		<0.001
3/3/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.001	
5/16/2016	<0.001	
7/25/2016	0.0003 (J)	
9/19/2016	0.0002 (J)	
11/3/2016	0.0002 (J)	
1/19/2017	0.0003 (J)	
3/28/2017	<0.001 (*)	
6/5/2017	0.0007 (J)	
9/26/2017	0.0004 (J)	
3/15/2018	0.00064 (J)	
9/12/2018	0.00037 (J)	
3/14/2019	0.00077 (J)	
9/11/2019	0.00047 (J)	
3/10/2020	0.00066 (J)	
9/15/2020	0.00045 (J)	
3/11/2021	0.00053 (J)	
8/4/2021	<0.001	
1/31/2022	<0.001	
8/15/2022	<0.001	
2/14/2023	<0.001	
7/26/2023	0.0002 (J)	
2/20/2024		0.00041 (J)
8/6/2024		0.00022 (J)
2/26/2025		0.00043 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.001	
5/16/2016	<0.001 (D)	
7/25/2016	0.0002 (JD)	
9/19/2016	0.0004 (JD)	
11/4/2016	0.0002 (JD)	
1/23/2017	0.0001 (JD)	
3/29/2017	0.0001 (JD)	
6/7/2017	0.0001 (J)	
9/27/2017	0.0003 (J)	
3/15/2018	<0.001	
9/13/2018	<0.001	
3/14/2019	<0.001 (D)	
9/11/2019	0.00016 (JD)	
3/10/2020	0.00014 (J)	
9/11/2020	0.00012 (J)	
3/11/2021	0.00012 (J)	
8/6/2021	<0.001	
2/1/2022	<0.001	
8/12/2022	<0.001	
2/14/2023	<0.001	
7/26/2023	<0.001	
2/20/2024		0.00021 (J)
8/5/2024		<0.001
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.001	
5/16/2016	<0.001 (D)	
7/25/2016	0.0001 (JD)	
9/19/2016	<0.001 (D)	
11/3/2016	<0.001 (D)	
1/20/2017	<0.001 (D)	
3/29/2017	0.0001 (JD)	
6/7/2017	8E-05 (J)	
9/27/2017	9E-05 (J)	
3/15/2018	<0.001	
9/13/2018	<0.001	
3/14/2019	<0.001 (D)	
9/11/2019	<0.001 (D)	
3/10/2020	<0.001	
9/11/2020	<0.001	
3/11/2021	4.5E-05 (J)	
8/6/2021	<0.001	
2/1/2022	<0.001	
8/12/2022	<0.001	
2/14/2023	<0.001	
7/26/2023	<0.001	
2/20/2024		<0.001
8/5/2024		<0.001
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.001	
5/18/2016	<0.001	
7/27/2016	9E-05 (J)	
9/20/2016	0.0003 (J)	
11/7/2016	<0.001	
1/23/2017	<0.001	
3/29/2017	<0.001	
6/8/2017	0.0001 (J)	
9/27/2017	<0.001	
3/15/2018	<0.001	
9/13/2018	<0.001	
3/15/2019	<0.001	
9/12/2019	<0.001	
3/9/2020	5.8E-05 (J)	
9/14/2020	<0.001	
3/11/2021	4.8E-05 (J)	
8/5/2021	<0.001	
2/1/2022	<0.001	
8/15/2022	<0.001	
2/14/2023	<0.001	
7/27/2023	<0.001	
2/21/2024		<0.001
8/5/2024		<0.001
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.001	
5/18/2016	<0.001	
7/27/2016	9E-05 (J)	
9/20/2016	0.0001 (J)	
11/4/2016	<0.001	
1/20/2017	<0.001	
3/29/2017	<0.001	
6/8/2017	<0.001	
9/27/2017	<0.001	
3/16/2018	<0.001	
9/13/2018	<0.001	
3/19/2019	<0.001	
9/11/2019	8.5E-05 (J)	
3/9/2020	8E-05 (J)	
9/15/2020	<0.001	
3/11/2021	<0.001	
8/5/2021	<0.001	
2/1/2022	<0.001	
8/15/2022	<0.001	
2/14/2023	<0.001	
7/27/2023	<0.001	
2/21/2024		<0.001
8/5/2024		<0.001
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.001	
5/17/2016	<0.001	
7/27/2016	<0.001	
9/20/2016	0.0002 (J)	
11/4/2016	<0.001	
1/23/2017	<0.001	
3/28/2017	<0.001 (*)	
6/8/2017	<0.001	
9/29/2017	<0.001	
3/15/2018	<0.001	
9/13/2018	<0.001	
3/15/2019	<0.001	
9/11/2019	0.002529 (JD)	
3/9/2020	<0.001	
9/14/2020	<0.001	
3/11/2021	<0.001	
8/4/2021	<0.001	
1/31/2022	<0.001	
8/15/2022	<0.001	
2/14/2023	<0.001	
7/26/2023	<0.001	
2/21/2024		<0.001
8/5/2024		<0.001
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.001	
5/18/2016	<0.001	
7/28/2016	0.0002 (J)	
9/21/2016	<0.001 (*)	
11/7/2016	<0.001	
1/24/2017	0.0002 (J)	
3/30/2017	<0.001	
6/9/2017	<0.001	
9/29/2017	<0.001	
3/15/2018	<0.001	
9/14/2018	<0.001	
3/19/2019	<0.001	
9/11/2019	8.2E-05 (J)	
3/9/2020	0.00017 (J)	
9/14/2020	7.8E-05 (J)	
3/15/2021	4.6E-05 (J)	
8/5/2021	<0.001	
2/1/2022	<0.001	
8/15/2022	<0.001	
2/14/2023	<0.001	
7/27/2023	<0.001	
2/21/2024		<0.001
8/6/2024		<0.001
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.001	
10/25/2007	<0.001	
11/19/2007	<0.001	
1/23/2008	<0.001	
3/11/2008	<0.001	
5/12/2008	<0.001	
12/11/2008	<0.001	
4/15/2009	<0.001	
10/9/2009	<0.001	
5/4/2010	<0.001	
10/12/2010	<0.001	
4/28/2011	<0.001	
10/19/2011	<0.001	
5/2/2012	<0.001	
10/9/2012	<0.001	
4/11/2013	<0.001	
10/16/2013	<0.001	
4/23/2014	<0.001	
10/3/2014	<0.001	
3/31/2015	<0.001	
10/12/2015	<0.001	
3/28/2016	<0.001	
5/25/2016	<0.001	
8/1/2016	<0.001	
9/27/2016	<0.001	
11/11/2016	<0.001	
1/31/2017	<0.001	
4/3/2017	<0.001	
6/12/2017	<0.001	
10/3/2017	<0.001	
3/19/2018	<0.001	
9/17/2018	<0.001	
3/20/2019	<0.001	
9/16/2019	<0.001	
3/16/2020	5.1E-05 (J)	
9/16/2020	<0.001	
3/17/2021	<0.001	
8/9/2021	<0.001	
2/2/2022	<0.001	
8/16/2022	<0.001	
2/20/2023	<0.001	
7/28/2023	<0.001	
2/26/2024		<0.001
8/8/2024		<0.001
2/27/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.001	
10/25/2007	<0.001	
11/20/2007	<0.001	
1/23/2008	<0.001	
3/11/2008	<0.001	
5/14/2008	<0.001	
12/11/2008	<0.001	
4/23/2009	<0.001	
10/9/2009	<0.001	
5/4/2010	<0.001	
10/11/2010	<0.001	
4/26/2011	<0.001	
10/18/2011	<0.001	
5/2/2012	<0.001	
10/8/2012	<0.001	
4/10/2013	<0.001	
10/8/2013	<0.001	
4/14/2014	<0.001	
10/3/2014	<0.001	
4/1/2015	<0.001	
10/9/2015	<0.001	
3/29/2016	<0.001	
5/24/2016	<0.001	
8/1/2016	<0.001	
9/26/2016	0.0003 (J)	
11/18/2016	<0.001	
2/1/2017	<0.001	
4/6/2017	7E-05 (J)	
6/13/2017	<0.001	
10/3/2017	<0.001	
3/19/2018	<0.001	
9/17/2018	<0.001	
3/21/2019	<0.001	
9/16/2019	0.0001 (J)	
3/12/2020	0.0001 (J)	
9/16/2020	0.00012 (J)	
3/17/2021	7.4E-05 (J)	
8/10/2021	<0.001	
2/2/2022	<0.001	
8/17/2022	<0.001	
2/17/2023	<0.001	
7/31/2023	<0.001	
2/26/2024		<0.001
8/8/2024		<0.001
2/27/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	<0.001	
6/18/2015	<0.001 (D)	
7/2/2015	<0.001	
10/9/2015	<0.001	
3/29/2016	<0.001	
5/24/2016	<0.001	
8/1/2016	<0.001	
9/26/2016	<0.001	
11/14/2016	<0.001	
2/1/2017	<0.001	
4/6/2017	7E-05 (J)	
6/13/2017	8E-05 (J)	
10/3/2017	<0.001	
3/20/2018	<0.001	
9/17/2018	<0.001	
3/21/2019	<0.001	
9/16/2019	<0.001	
3/12/2020	7E-05 (J)	
9/16/2020	<0.001	
3/17/2021	<0.001	
8/10/2021	<0.001	
2/2/2022	<0.001	
8/17/2022	<0.001	
2/17/2023	<0.001	
7/28/2023	<0.001	
2/26/2024		<0.001
8/8/2024		<0.001
2/27/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.001	
8/2/2016	0.0001 (J)	
9/27/2016	0.0001 (J)	
11/21/2016	0.0001 (J)	
2/1/2017	0.0001 (J)	
4/6/2017	0.0002 (J)	
6/13/2017	<0.001	
7/14/2017	<0.001	
10/3/2017	9E-05 (J)	
3/20/2018	<0.001	
9/18/2018	<0.001	
3/21/2019	<0.001	
9/13/2019	<0.001	
3/12/2020	8.2E-05 (J)	
9/16/2020	0.00011 (J)	
3/17/2021	4.9E-05 (J)	
8/10/2021	<0.001	
2/2/2022	<0.001	
8/17/2022	<0.001	
2/20/2023	<0.001	
7/31/2023	<0.001	
2/26/2024		<0.001
8/8/2024		<0.001
2/27/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.001	
4/30/2012	<0.001	
10/3/2012	<0.001	
4/8/2013	<0.001	
10/9/2013	<0.001	
4/10/2014	<0.001	
10/2/2014	<0.001	
4/3/2015	<0.001	
10/8/2015	<0.001	
3/30/2016	<0.001	
5/24/2016	<0.001	
8/2/2016	<0.001	
9/27/2016	<0.001	
11/22/2016	<0.001	
2/6/2017	<0.001	
4/6/2017	0.0001 (J)	
6/14/2017	<0.001	
10/4/2017	<0.001	
3/21/2018	<0.001	
9/18/2018	<0.001	
3/27/2019	<0.001	
9/16/2019	<0.001 (D)	
3/12/2020	5.6E-05 (J)	
9/17/2020	8E-05 (J)	
3/17/2021	<0.001	
8/10/2021	<0.001	
2/2/2022	<0.001	
8/17/2022	<0.001	
2/21/2023	<0.001	
7/31/2023	<0.001	
2/27/2024		<0.001
8/12/2024		<0.001
3/4/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.001	
6/18/2015	<0.001 (D)	
7/2/2015	<0.001	
10/8/2015	<0.001	
3/22/2016	<0.001	
5/25/2016	<0.001	
8/2/2016	0.0002 (J)	
9/26/2016	0.0001 (J)	
11/21/2016	0.0001 (J)	
2/3/2017	0.0002 (J)	
4/7/2017	0.0002 (J)	
6/13/2017	0.0002 (J)	
10/3/2017	0.0002 (J)	
3/20/2018	0.00042 (J)	
9/18/2018	<0.001	
5/6/2019	0.00032 (J)	
9/16/2019	5.4E-05 (J)	
3/16/2020	0.00016 (J)	
9/17/2020	6.5E-05 (J)	
3/18/2021	0.00011 (J)	
8/10/2021	<0.001	
2/2/2022	<0.001	
8/17/2022	<0.001	
2/20/2023	<0.001	
7/31/2023	<0.001	
2/26/2024		<0.001
8/12/2024		<0.001
2/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.001	
11/1/2007	<0.001	
11/19/2007	<0.001	
1/15/2008	<0.001	
3/6/2008	<0.001	
5/13/2008	<0.001	
12/12/2008	<0.001	
4/16/2009	<0.001	
10/13/2009	<0.001	
4/21/2010	<0.001	
9/29/2010	<0.001	
4/13/2011	<0.001	
10/5/2011	<0.001	
4/4/2012	0.0012	
10/8/2012	<0.001	
4/8/2013	<0.001	
10/9/2013	<0.001	
4/9/2014	<0.001	
9/30/2014	<0.001	
4/2/2015	<0.001	
10/10/2015	<0.001 (D)	
3/30/2016	<0.001	
5/26/2016	<0.001	
8/5/2016	0.0001 (J)	
9/28/2016	0.0002 (J)	
11/21/2016	0.0002 (J)	
2/6/2017	0.0001 (J)	
4/6/2017	0.0001 (J)	
6/13/2017	8E-05 (J)	
10/3/2017	<0.001	
3/20/2018	<0.001	
9/18/2018	<0.001 (D)	
3/21/2019	<0.001	
9/16/2019	6.1E-05 (J)	
3/12/2020	0.00016 (J)	
9/17/2020	7.9E-05 (J)	
3/18/2021	0.0001 (J)	
8/10/2021	<0.001	
2/2/2022	<0.001	
8/17/2022	<0.001	
2/21/2023	<0.001	
7/31/2023	<0.001	
2/27/2024		<0.001
8/12/2024		<0.001
2/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.005	
10/23/2007	0.0096	
11/18/2007	0.023	
1/30/2008	0.11 (O)	
3/10/2008	0.024	
5/13/2008	0.006	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	0.0096	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	<0.005	
10/16/2013	<0.005	
4/11/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	0.004	
10/13/2015	<0.005	
3/22/2016	<0.005	
7/29/2016	<0.005	
3/30/2017	0.0004 (J)	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/17/2018	<0.005 (D)	
3/20/2019	<0.005	
9/12/2019	0.00038 (J)	
3/11/2020	0.00068 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.005	
10/24/2007	0.026 (O)	
11/18/2007	0.043 (O)	
1/31/2008	0.0075	
3/11/2008	0.019	
5/6/2008	0.004	
12/4/2008	0.02	
4/21/2009	<0.005	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	0.0025	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	<0.005	
10/15/2013	0.0028	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	0.0018 (J)	
10/13/2015	<0.005	
3/23/2016	<0.005	
7/29/2016	<0.005	
3/30/2017	0.0006 (J)	
10/2/2017	<0.005	
3/19/2018	<0.005	
9/14/2018	<0.005	
3/20/2019	<0.005	
9/12/2019	0.00518 (JD)	
3/11/2020	0.0014 (J)	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	0.0025	
11/18/2007	0.0093	
1/31/2008	0.054 (O)	
3/10/2008	0.0054	
5/13/2008	0.0043	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
7/29/2016	<0.005	
4/3/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	<0.005	
3/11/2020	0.002 (J)	
9/15/2020	0.0013 (J)	
3/16/2021	<0.005	
8/9/2021	0.00081 (J)	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/26/2024		<0.005
8/6/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	0.0136 (D)	
7/27/2016	0.0224 (D)	
2/21/2017	0.0007 (J)	
3/27/2017	<0.005 (D)	
9/29/2017	<0.005 (D)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	0.0017 (J)	
3/9/2020	0.00083 (J)	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/6/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	0.00544 (J)	
5/11/2016	0.0149	
7/19/2016	0.0044 (J)	
9/15/2016	0.0047 (J)	
11/2/2016	0.0025 (J)	
1/18/2017	0.004 (J)	
3/28/2017	0.0034 (J)	
9/26/2017	0.0016 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/15/2019	<0.005	
9/9/2019	0.0014 (J)	
3/9/2020	0.04 (o)	
9/10/2020	<0.005	
3/12/2021	0.0015 (J)	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	0.00095 (J)	
7/26/2023	0.0013 (J)	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	0.028	
11/2/2007	0.041	
11/18/2007	0.14 (O)	
1/31/2008	0.053	
3/11/2008	0.076 (o)	
5/14/2008	0.074 (o)	
12/5/2008	0.032	
4/15/2009	0.028	
10/8/2009	0.032	
4/28/2010	0.029	
10/6/2010	0.031	
4/21/2011	0.019	
10/13/2011	0.028	
5/1/2012	0.0253	
10/9/2012	0.023	
4/11/2013	0.021	
10/16/2013	0.018	
4/23/2014	0.015	
10/4/2014	0.017	
3/31/2015	0.045	
10/12/2015	0.019	
3/23/2016	0.019	
7/29/2016	0.0161	
3/30/2017	0.018	
10/4/2017	0.0158	
3/19/2018	0.015	
9/17/2018	0.014	
3/20/2019	0.01	
9/13/2019	0.012	
3/11/2020	0.012	
3/29/2021	<0.005	
8/9/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/17/2023	<0.005	
8/1/2023	<0.005	
2/22/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.005	
5/12/2016	<0.005	
7/20/2016	0.0006 (J)	
9/15/2016	0.0009 (J)	
11/3/2016	0.0011 (J)	
1/18/2017	0.0007 (J)	
3/24/2017	<0.005 (*)	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	0.0004 (JD)	
3/6/2020	0.0089 (J)	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	0.00083 (J)	
2/13/2023	<0.005	
7/25/2023	0.00073 (J)	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	0.0009 (J)	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005 (*)	
9/25/2017	0.0012 (J)	
3/14/2018	0.0014 (J)	
9/12/2018	0.0011 (J)	
3/14/2019	0.001 (J)	
9/10/2019	0.00084 (J)	
3/9/2020	0.00036 (J)	
9/10/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	0.00091 (J)	
8/11/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		0.0016 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.005	
5/16/2016	0.00233 (J)	
7/22/2016	0.0014 (J)	
9/19/2016	0.0014 (J)	
11/3/2016	0.0013 (J)	
1/17/2017	0.0011 (J)	
3/27/2017	<0.005 (*)	
9/26/2017	0.0011 (J)	
3/14/2018	0.0012 (J)	
9/14/2018	0.0012 (J)	
3/14/2019	0.0015 (J)	
9/10/2019	0.0012 (J)	
3/6/2020	0.0015 (J)	
9/10/2020	0.0011 (J)	
3/11/2021	0.0011 (J)	
8/4/2021	0.0011 (J)	
1/31/2022	0.0011 (J)	
8/10/2022	0.0016 (J)	
2/13/2023	0.0013 (J)	
7/26/2023	0.0015 (J)	
2/20/2024		<0.005
8/1/2024		<0.005
2/25/2025		0.0015 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.00288 (J)	
5/13/2016	<0.005	
7/19/2016	0.0006 (J)	
9/16/2016	0.0008 (J)	
11/2/2016	0.0007 (J)	
1/18/2017	0.0006 (J)	
3/28/2017	<0.005 (*)	
9/22/2017	0.0007 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	0.00082 (J)	
3/9/2020	0.00082 (J)	
9/11/2020	0.00089 (J)	
3/11/2021	<0.005	
8/6/2021	0.00084 (J)	
1/31/2022	0.00077 (J)	
8/11/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:17 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	0.0006 (J)	
3/28/2017	<0.005 (*)	
9/22/2017	<0.005	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	<0.005	
3/9/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
4/7/2017	<0.005	
10/3/2017	<0.005 (D)	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/21/2019	<0.005 (D)	
9/12/2019	0.00032 (JD)	
3/12/2020	0.00034 (J)	
9/17/2020	<0.005	
3/16/2021	<0.005	
8/10/2021	<0.005	
2/3/2022	<0.005	
8/17/2022	<0.005	
2/17/2023	<0.005	
7/28/2023	<0.005	
2/27/2024		<0.005
8/8/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	0.0035	
4/23/2009	0.0032	
10/6/2009	<0.005	
4/27/2010	<0.005	
9/30/2010	<0.005	
4/14/2011	0.0028	
10/5/2011	0.0028	
4/11/2012	<0.005	
10/2/2012	0.0026	
4/9/2013	<0.005	
10/15/2013	<0.005	
4/10/2014	0.0025 (J)	
10/1/2014	<0.005	
3/30/2015	0.0015 (J)	
10/11/2015	0.0013 (J)	
3/28/2016	<0.005	
8/1/2016	<0.005	
4/7/2017	0.0011 (J)	
10/2/2017	0.0013 (J)	
3/16/2018	<0.005	
9/17/2018	0.00096 (J)	
3/19/2019	<0.005	
9/13/2019	0.00063 (J)	
3/11/2020	0.00084 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	0.00077 (J)	
2/1/2022	0.0008 (J)	
8/16/2022	0.00071 (J)	
2/16/2023	0.00082 (J)	
7/28/2023	0.00094 (J)	
2/22/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	0.0096	
4/23/2009	0.015	
10/6/2009	0.008	
5/3/2010	0.0053	
10/11/2010	0.0061	
4/27/2011	0.0087	
10/19/2011	0.0039	
5/1/2012	0.0054	
10/2/2012	0.0044	
4/10/2013	0.0053	
10/16/2013	0.0047	
4/22/2014	0.0045	
10/1/2014	0.0018 (J)	
3/30/2015	0.0037	
10/11/2015	0.0018 (J)	
3/28/2016	0.0028 (J)	
8/1/2016	<0.005	
4/3/2017	0.0022 (J)	
10/2/2017	0.0021 (J)	
3/16/2018	0.0014 (J)	
9/18/2018	0.0012 (J)	
3/19/2019	0.0016 (J)	
9/12/2019	0.0015 (J)	
3/11/2020	0.001 (J)	
9/15/2020	0.0012 (J)	
3/17/2021	0.0012 (J)	
8/9/2021	0.00097 (J)	
2/2/2022	0.00089 (J)	
8/17/2022	0.0011 (J)	
2/16/2023	0.00081 (J)	
7/28/2023	0.00092 (J)	
2/22/2024		<0.005
8/8/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	<0.005	
11/1/2007	0.0042	
11/20/2007	0.026	
1/30/2008	0.032	
3/6/2008	0.019	
5/12/2008	0.0072	
12/13/2008	0.024	
4/29/2009	0.0026	
10/20/2009	<0.005	
4/26/2010	<0.005	
9/29/2010	0.0042	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	0.004	
4/3/2013	0.0028	
10/15/2013	0.0036	
4/9/2014	0.0025 (J)	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/10/2015	<0.005	
3/31/2016	<0.005	
8/5/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	0.0016 (J)	
9/18/2018	<0.005	
3/22/2019	0.0022 (J)	
9/17/2019	<0.005	
3/12/2020	0.0015 (J)	
9/17/2020	<0.005	
3/18/2021	0.00094 (J)	
8/10/2021	0.00081 (J)	
2/4/2022	0.0014 (J)	
8/17/2022	<0.005	
2/20/2023	0.0019 (J)	
7/31/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	<0.005	
11/1/2007	0.006	
11/20/2007	<0.005	
1/30/2008	0.029 (O)	
3/6/2008	<0.005	
5/8/2008	0.0057	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/21/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/8/2012	<0.005	
4/3/2013	<0.005	
10/15/2013	<0.005	
4/9/2014	<0.005	
10/2/2014	<0.005	
4/2/2015	<0.005	
10/12/2015	<0.005	
3/31/2016	<0.005	
8/3/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	0.0006 (J)	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	0.00043 (J)	
9/17/2020	<0.005	
3/18/2021	0.0011 (J)	
8/11/2021	<0.005	
2/4/2022	<0.005	
8/18/2022	<0.005	
2/20/2023	<0.005	
7/31/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	0.0087	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/3/2012	0.0042	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	0.0025 (J)	
10/2/2014	0.0016 (J)	
4/1/2015	<0.005	
10/11/2015	<0.005	
4/4/2016	<0.005	
8/3/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	<0.005	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/4/2022	<0.005	
8/18/2022	<0.005	
2/20/2023	<0.005	
8/1/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.005	
11/1/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/6/2008	0.0046	
5/7/2008	<0.005	
12/14/2008	<0.005	
4/29/2009	<0.005	
10/22/2009	<0.005	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/3/2012	<0.005	
4/3/2013	<0.005	
10/9/2013	<0.005	
4/2/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	0.0041	
10/11/2015	<0.005	
4/4/2016	<0.005	
8/4/2016	<0.005	
4/10/2017	<0.005	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	<0.005	
3/12/2020	<0.005	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/4/2022	<0.005	
8/18/2022	<0.005	
2/20/2023	<0.005	
8/1/2023	<0.005	
2/28/2024		<0.005
8/12/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	0.0047	
1/16/2008	0.029	
3/5/2008	0.023	
5/13/2008	0.0032	
12/13/2008	<0.005	
4/16/2009	<0.005	
10/21/2009	<0.005	
4/27/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	0.0025	
10/12/2011	<0.005	
4/24/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	0.003	
10/9/2013	<0.005	
4/1/2014	0.0025 (J)	
10/2/2014	<0.005	
4/1/2015	0.0014 (J)	
10/14/2015	0.0021 (J)	
4/4/2016	0.00264 (J)	
8/3/2016	<0.005	
4/11/2017	0.0027 (J)	
10/4/2017	0.0022 (J)	
3/22/2018	0.0025 (J)	
9/18/2018	0.0024 (J)	
3/23/2019	0.0026 (J)	
9/17/2019	0.0033 (JD)	
3/12/2020	0.0022 (J)	
9/21/2020	0.0019 (J)	
3/19/2021	0.0022 (J)	
8/11/2021	0.0019 (J)	
2/2/2022	0.0025 (J)	
8/18/2022	0.0023 (J)	
2/21/2023	0.0022 (J)	
8/1/2023	0.0034 (J)	
2/27/2024		0.0023 (J)
8/12/2024		<0.005
3/4/2025		0.0026 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	0.0076	
11/1/2007	0.0043	
11/19/2007	0.0061	
1/31/2008	0.015	
3/5/2008	<0.005	
5/12/2008	0.0035	
12/13/2008	0.0079	
4/28/2009	<0.005	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/18/2011	0.0031	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
4/1/2015	<0.005	
10/15/2015	<0.005	
4/4/2016	<0.005	
8/4/2016	<0.005	
4/12/2017	<0.005	
10/9/2017	<0.005	
3/21/2018	<0.005	
9/19/2018	<0.005	
3/23/2019	<0.005	
9/18/2019	0.00046 (J)	
3/13/2020	<0.005	
9/22/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/17/2022	<0.005	
8/18/2022	<0.005	
2/22/2023	<0.005	
8/1/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	0.0033	
11/19/2007	0.0029	
1/31/2008	0.0039	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	0.022 (O)	
4/29/2009	0.0034	
10/21/2009	<0.005	
4/28/2010	0.0026	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
4/11/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019	<0.005	
9/18/2019	<0.005	
3/17/2020	0.00082 (J)	
9/22/2020	<0.005	
3/19/2021	<0.005	
8/12/2021	<0.005	
2/4/2022	<0.005	
8/19/2022	<0.005	
2/22/2023	<0.005	
8/2/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.005	
11/2/2007	0.0029	
11/17/2007	0.0086	
1/15/2008	0.011	
3/5/2008	0.0072	
5/7/2008	0.0045	
12/2/2008	0.011	
4/16/2009	0.0061	
10/20/2009	0.01	
4/20/2010	<0.005	
9/29/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/4/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
8/9/2016	0.0021 (J)	
4/11/2017	<0.005	
10/5/2017	<0.005	
3/22/2018	<0.005	
9/19/2018	0.00096 (J)	
3/22/2019	<0.005	
9/17/2019	0.0007 (X)	
3/13/2020	0.00078 (J)	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/4/2022	<0.005	
8/18/2022	<0.005	
2/22/2023	<0.005	
8/1/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	0.0089	
11/2/2007	0.0036	
11/17/2007	0.014 (O)	
1/15/2008	0.0096	
3/6/2008	0.0038	
5/7/2008	0.0056	
12/2/2008	0.003	
4/28/2009	<0.005	
10/19/2009	<0.005	
4/27/2010	0.004	
10/4/2010	<0.005	
4/18/2011	<0.005	
10/12/2011	<0.005	
4/23/2012	<0.005	
10/10/2012	<0.005	
4/15/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/7/2015	<0.005	
4/5/2016	<0.005	
8/4/2016	<0.005	
4/12/2017	<0.005	
10/6/2017	0.001 (J)	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/25/2019	0.0011 (J)	
9/17/2019	0.00057 (J)	
3/13/2020	0.00072 (J)	
9/21/2020	0.0015 (J)	
3/18/2021	0.00079 (J)	
8/11/2021	<0.005	
2/4/2022	0.00093 (J)	
8/19/2022	<0.005	
2/22/2023	<0.005	
8/2/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	<0.005	
11/2/2007	<0.005	
11/18/2007	0.0088 (J)	
1/15/2008	0.019	
3/10/2008	0.017	
5/13/2008	0.0058	
12/2/2008	0.0043	
4/28/2009	<0.005	
10/20/2009	<0.005	
4/27/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/10/2012	<0.005	
4/16/2013	<0.005	
10/22/2013	<0.005	
4/21/2014	<0.005	
9/30/2014	<0.005	
4/3/2015	<0.005	
10/6/2015	<0.005	
4/5/2016	<0.005	
4/11/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/19/2018	<0.005	
3/22/2019	<0.005	
9/17/2019	<0.005	
3/13/2020	<0.005	
9/21/2020	<0.005	
3/18/2021	<0.005	
8/11/2021	<0.005	
2/7/2022	<0.005	
8/19/2022	<0.005	
2/22/2023	<0.005	
8/1/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/3/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.005	
5/16/2016	<0.005	
7/25/2016	0.0006 (J)	
9/19/2016	0.0008 (J)	
11/3/2016	0.0007 (J)	
1/19/2017	0.0009 (J)	
3/28/2017	<0.005 (*)	
9/26/2017	0.0007 (J)	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/11/2019	0.00058 (J)	
3/10/2020	0.00086 (J)	
9/15/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	0.00073 (J)	
7/26/2023	<0.005	
2/20/2024		<0.005
8/6/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.005	
5/16/2016	0.00316 (JD)	
7/25/2016	0.0013 (JD)	
9/19/2016	0.0013 (JD)	
11/4/2016	0.0015 (JD)	
1/23/2017	0.0015 (JD)	
3/29/2017	0.0012 (JD)	
9/27/2017	0.0014 (J)	
3/15/2018	0.0011 (J)	
9/13/2018	0.001 (J)	
3/14/2019	0.001 (JD)	
9/11/2019	0.0012 (JD)	
3/10/2020	0.0012 (J)	
9/11/2020	0.00099 (J)	
3/11/2021	0.00092 (J)	
8/6/2021	0.00098 (J)	
2/1/2022	0.0011 (J)	
8/12/2022	0.00086 (J)	
2/14/2023	0.00092 (J)	
7/26/2023	0.0012 (J)	
2/20/2024		<0.005
8/5/2024		<0.005
2/26/2025		0.0013 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.005	
5/16/2016	<0.005 (D)	
7/25/2016	<0.005 (D)	
9/19/2016	<0.005 (D)	
11/3/2016	<0.005 (D)	
1/20/2017	<0.005 (D)	
3/29/2017	<0.005 (D)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/14/2019	<0.005 (D)	
9/11/2019	<0.005 (D)	
3/10/2020	<0.005	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	0.00095 (J)	
2/1/2022	<0.005	
8/12/2022	<0.005	
2/14/2023	0.004 (J)	
7/26/2023	<0.005	
2/20/2024		<0.005
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.005	
5/17/2016	<0.005	
7/26/2016	<0.005	
9/20/2016	0.0013 (J)	
11/4/2016	<0.005	
1/20/2017	<0.005	
3/28/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019	<0.005	
9/11/2019	<0.005	
3/10/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/26/2023	<0.005	
2/21/2024		<0.005
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/20/2016	<0.005	
11/7/2016	<0.005	
1/23/2017	<0.005	
3/29/2017	0.0004 (J)	
9/27/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/15/2019	<0.005	
9/12/2019	<0.005	
3/9/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
2/1/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/27/2023	<0.005	
2/21/2024		<0.005
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	0.0007 (J)	
9/20/2016	0.0007 (J)	
11/4/2016	0.0006 (J)	
1/20/2017	<0.005	
3/29/2017	0.0003 (J)	
9/27/2017	<0.005	
3/16/2018	<0.005	
9/13/2018	<0.005	
3/19/2019	0.0042 (J)	
9/11/2019	0.0014 (J)	
3/9/2020	<0.005	
9/15/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
2/1/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/27/2023	<0.005	
2/21/2024		<0.005
8/5/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.00432 (J)	
5/17/2016	0.00489 (J)	
7/27/2016	0.0036 (J)	
9/20/2016	0.0035 (J)	
11/4/2016	0.0035 (J)	
1/23/2017	<0.01	
3/28/2017	0.0033 (J)	
9/29/2017	0.0036 (J)	
3/15/2018	0.0033 (J)	
9/13/2018	0.0038 (J)	
3/15/2019	0.0033 (J)	
9/11/2019	0.00405 (JD)	
3/9/2020	0.0039 (J)	
9/14/2020	0.0046 (J)	
3/11/2021	0.0047 (J)	
8/4/2021	0.0045 (J)	
1/31/2022	0.0052	
8/15/2022	0.0056	
2/14/2023	0.0058	
7/26/2023	0.0075	
2/21/2024		0.0076
8/5/2024		0.0061
2/26/2025		0.0097

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.005	
5/18/2016	<0.005	
7/27/2016	<0.005	
9/21/2016	<0.005	
11/4/2016	<0.005	
1/24/2017	<0.005	
3/29/2017	<0.005	
9/29/2017	<0.005	
3/15/2018	<0.005	
9/13/2018	<0.005	
3/18/2019	<0.005	
9/11/2019	<0.005	
3/11/2020	0.0004 (J)	
9/11/2020	<0.005	
3/15/2021	<0.005	
8/11/2021	<0.005	
2/1/2022	<0.005	
8/15/2022	<0.005	
2/14/2023	<0.005	
7/27/2023	<0.005	
2/21/2024		<0.005
8/6/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	0.00421 (J)	
5/18/2016	<0.005	
7/28/2016	0.0024 (J)	
9/21/2016	0.0044 (J)	
11/7/2016	0.0035 (J)	
1/24/2017	0.005 (J)	
3/30/2017	0.0046 (J)	
9/29/2017	0.004 (J)	
3/15/2018	0.0028 (J)	
9/14/2018	0.0024 (J)	
3/19/2019	0.0047 (J)	
9/11/2019	0.0012 (J)	
3/9/2020	0.003 (J)	
9/14/2020	0.0014 (J)	
3/15/2021	0.0013 (J)	
8/5/2021	0.0023 (J)	
2/1/2022	0.0014 (J)	
8/15/2022	0.0022 (J)	
2/14/2023	0.0018 (J)	
7/27/2023	0.0017 (J)	
2/21/2024		<0.005
8/6/2024		0.0022 (J)
2/26/2025		0.0022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.0069	
10/25/2007	0.038	
11/19/2007	0.025	
1/23/2008	0.047	
3/11/2008	0.042	
5/12/2008	0.031	
12/11/2008	0.027	
4/15/2009	0.025	
10/9/2009	0.051	
5/4/2010	0.025	
10/12/2010	0.024	
4/28/2011	0.01	
10/19/2011	0.03	
5/2/2012	0.0429	
10/9/2012	0.033	
4/11/2013	0.02	
10/16/2013	0.028	
4/23/2014	0.024	
10/3/2014	0.032	
3/31/2015	0.012	
10/12/2015	0.012	
3/28/2016	0.0172	
8/1/2016	0.0113	
4/3/2017	0.0114	
10/3/2017	0.0098 (J)	
3/19/2018	0.0092 (J)	
9/17/2018	0.0085 (J)	
3/20/2019	0.008 (J)	
9/16/2019	0.008 (J)	
3/16/2020	0.015	
9/16/2020	0.0075 (J)	
3/17/2021	0.0077	
8/9/2021	0.0089	
2/2/2022	0.0088	
8/16/2022	0.0087	
2/20/2023	0.0087	
7/28/2023	0.009	
2/26/2024		0.0085
8/8/2024		0.0078
2/27/2025		0.0093

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.005	
10/25/2007	0.0028	
11/20/2007	0.012	
1/23/2008	0.046 (O)	
3/11/2008	0.0091	
5/14/2008	0.022	
12/11/2008	0.005	
4/23/2009	0.0031	
10/9/2009	0.0053	
5/4/2010	<0.005	
10/11/2010	0.0042	
4/26/2011	0.0051	
10/18/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/10/2013	<0.005	
10/8/2013	0.0025	
4/14/2014	0.0025 (J)	
10/3/2014	0.0021 (J)	
4/1/2015	0.0026	
10/9/2015	<0.005	
3/29/2016	<0.005	
8/1/2016	<0.005	
4/6/2017	0.0005 (J)	
10/3/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/21/2019	<0.005	
9/16/2019	<0.005	
3/12/2020	<0.005	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/17/2023	<0.005	
7/31/2023	<0.005	
2/26/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
8/2/2016	0.0011 (J)	
4/6/2017	0.0011 (J)	
10/3/2017	0.0012 (J)	
3/20/2018	<0.005	
9/18/2018	<0.005	
3/21/2019	0.00099 (J)	
9/13/2019	0.00061 (J)	
3/12/2020	0.00078 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	0.0009 (J)	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/20/2023	<0.005	
7/31/2023	<0.005	
2/26/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.005	
4/30/2012	<0.005	
10/3/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	<0.005	
4/10/2014	<0.005	
10/2/2014	<0.005	
4/3/2015	<0.005	
10/8/2015	0.003	
3/30/2016	<0.005	
8/2/2016	<0.005	
4/6/2017	0.0003 (J)	
10/4/2017	<0.005	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/27/2019	<0.005	
9/16/2019	<0.005 (D)	
3/12/2020	<0.005	
9/17/2020	<0.005	
3/17/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/21/2023	<0.005	
7/31/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	0.002 (J)	
6/18/2015	0.0025 (D)	
7/2/2015	<0.005	
10/8/2015	<0.005	
3/22/2016	<0.005	
8/2/2016	<0.005	
4/7/2017	0.0007 (J)	
10/3/2017	0.0006 (J)	
3/20/2018	<0.005	
9/18/2018	<0.005	
5/6/2019	<0.005	
9/16/2019	<0.005	
3/16/2020	0.0006 (J)	
9/17/2020	<0.005	
3/18/2021	<0.005	
8/10/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/20/2023	<0.005	
7/31/2023	<0.005	
2/26/2024		<0.005
8/12/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	0.0046	
11/1/2007	0.0057	
11/19/2007	0.014 (J)	
1/15/2008	0.057 (O)	
3/6/2008	0.046 (O)	
5/13/2008	0.0069	
12/12/2008	0.0061	
4/16/2009	0.0067 (J)	
10/13/2009	0.0054	
4/21/2010	<0.005	
9/29/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/4/2012	<0.005	
10/8/2012	<0.005	
4/8/2013	<0.005	
10/9/2013	0.0029	
4/9/2014	0.0025 (J)	
9/30/2014	<0.005	
4/2/2015	0.0016 (J)	
10/10/2015	0.00295 (D)	
3/30/2016	0.00202 (J)	
8/5/2016	<0.005	
4/6/2017	0.001 (J)	
10/3/2017	0.0007 (J)	
3/20/2018	0.00097 (J)	
9/18/2018	<0.005 (D)	
3/21/2019	0.001 (J)	
9/16/2019	0.00062 (J)	
3/12/2020	0.0011 (J)	
9/17/2020	<0.005	
3/18/2021	0.001 (J)	
8/10/2021	0.001 (J)	
2/2/2022	0.0011 (J)	
8/17/2022	0.0011 (J)	
2/21/2023	0.001 (J)	
7/31/2023	0.00071 (J)	
2/27/2024		<0.005
8/12/2024		<0.005
2/28/2025		0.0013 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.01	
10/24/2007	<0.01	
11/18/2007	<0.01	
1/31/2008	<0.01	
3/11/2008	<0.01	
5/6/2008	<0.01	
12/4/2008	<0.01	
4/21/2009	<0.01	
10/7/2009	<0.01	
4/26/2010	<0.01	
10/4/2010	<0.01	
4/13/2011	<0.01	
10/5/2011	<0.01	
4/11/2012	<0.01	
10/9/2012	<0.01	
4/15/2013	<0.01	
10/15/2013	<0.01	
4/22/2014	<0.01	
9/30/2014	<0.01	
3/30/2015	<0.01	
10/13/2015	<0.01	
3/23/2016	<0.01	
5/20/2016	0.00216 (J)	
7/29/2016	0.001 (J)	
9/23/2016	<0.01	
11/9/2016	<0.01	
1/31/2017	<0.01	
3/30/2017	<0.01	
6/12/2017	<0.01	
10/2/2017	<0.01	
3/19/2018	0.0016 (J)	
9/14/2018	<0.01	
3/20/2019	<0.01	
9/12/2019	<0.01 (D)	
3/11/2020	0.0021 (J)	
9/15/2020	<0.01	
3/17/2021	0.0045 (J)	
8/9/2021	<0.01	
2/1/2022	<0.01	
8/16/2022	<0.01	
2/16/2023	0.0014 (J)	
7/27/2023	<0.01	
2/22/2024		<0.01
8/7/2024		<0.01
2/27/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.01	
10/24/2007	<0.01	
11/18/2007	<0.01	
1/31/2008	<0.01	
3/10/2008	<0.01	
5/13/2008	<0.01	
12/4/2008	<0.01	
4/21/2009	<0.01	
10/8/2009	<0.01	
4/21/2010	<0.01	
9/28/2010	<0.01	
4/12/2011	<0.01	
10/4/2011	<0.01	
4/3/2012	<0.01	
10/9/2012	<0.01	
4/11/2013	<0.01	
10/16/2013	<0.01	
4/10/2014	<0.01	
9/30/2014	<0.01	
3/30/2015	<0.01	
10/13/2015	<0.01	
3/23/2016	<0.01	
5/19/2016	<0.01	
7/29/2016	<0.01	
9/22/2016	<0.01	
11/10/2016	<0.01	
1/31/2017	<0.01	
4/3/2017	<0.01	
6/9/2017	<0.01	
10/2/2017	<0.01	
3/16/2018	<0.01	
9/14/2018	<0.01	
3/19/2019	<0.01	
9/13/2019	<0.01	
3/11/2020	<0.01	
9/15/2020	<0.01	
3/16/2021	0.0021 (J)	
8/9/2021	<0.01	
2/1/2022	<0.01	
8/16/2022	<0.01	
2/16/2023	<0.01	
7/27/2023	<0.01	
2/26/2024		<0.01
8/6/2024		<0.01
2/27/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.00236 (J)	
5/13/2016	<0.01	
7/19/2016	<0.01	
9/16/2016	<0.01	
11/2/2016	<0.01	
1/18/2017	<0.01	
3/28/2017	<0.01	
6/6/2017	<0.01	
9/22/2017	<0.01	
3/14/2018	<0.01	
9/12/2018	<0.01	
3/13/2019	<0.01	
9/11/2019	<0.01	
3/9/2020	<0.01	
9/11/2020	<0.01	
3/11/2021	<0.01	
8/6/2021	<0.01	
1/31/2022	<0.01	
8/11/2022	<0.01	
2/14/2023	<0.01	
7/25/2023	<0.01	
2/20/2024		<0.01
8/2/2024		<0.01
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.01	
11/1/2007	<0.01	
11/19/2007	<0.01	
1/31/2008	<0.01	
3/5/2008	<0.01	
5/12/2008	<0.01	
12/13/2008	<0.01	
4/28/2009	<0.01	
10/21/2009	<0.01	
4/28/2010	<0.01	
10/5/2010	<0.01	
4/19/2011	<0.01	
10/18/2011	<0.01	
4/25/2012	<0.01	
10/2/2012	<0.01	
4/2/2013	<0.01	
10/8/2013	<0.01	
4/1/2014	<0.01	
10/1/2014	<0.01	
4/1/2015	<0.01	
10/15/2015	0.0055	
4/4/2016	0.00286 (J)	
5/31/2016	0.00303 (J)	
8/4/2016	0.005 (J)	
9/29/2016	0.0074 (J)	
11/28/2016	0.0073 (J)	
2/9/2017	0.0067 (J)	
4/12/2017	0.0048 (J)	
6/16/2017	0.007 (J)	
10/9/2017	0.0048 (J)	
3/21/2018	0.0021 (J)	
9/19/2018	0.0019 (J)	
3/23/2019	<0.01	
9/18/2019	0.0018 (J)	
3/13/2020	0.0019 (J)	
9/22/2020	<0.01	
3/18/2021	0.0021 (J)	
8/11/2021	<0.01	
2/17/2022	<0.01	
8/18/2022	<0.01	
2/22/2023	<0.01	
8/1/2023	<0.01	
2/27/2024		<0.01
8/12/2024		0.0014 (J)
3/3/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.01	
11/1/2007	<0.01	
11/19/2007	<0.01	
1/31/2008	<0.01	
3/5/2008	<0.01	
5/7/2008	<0.01	
12/12/2008	<0.01	
4/29/2009	<0.01	
10/21/2009	<0.01	
4/28/2010	<0.01	
10/6/2010	<0.01	
4/20/2011	<0.01	
10/12/2011	<0.01	
4/25/2012	<0.01	
10/2/2012	<0.01	
4/2/2013	<0.01	
10/8/2013	<0.01	
4/1/2014	<0.01	
10/1/2014	<0.01	
3/31/2015	<0.01	
10/14/2015	<0.01	
4/4/2016	<0.01	
6/1/2016	<0.01	
2/22/2017	0.0014 (J)	
4/11/2017	0.0024 (J)	
6/16/2017	<0.01	
7/12/2017	0.0019 (J)	
7/28/2017	<0.01	
8/10/2017	0.0019 (J)	
10/6/2017	<0.01	
3/23/2018	<0.01	
9/20/2018	<0.01	
3/22/2019	<0.01	
9/18/2019	<0.01	
3/17/2020	<0.01	
9/22/2020	<0.01	
3/19/2021	<0.01	
8/12/2021	<0.01	
2/4/2022	<0.01	
8/19/2022	<0.01	
2/22/2023	<0.01	
8/2/2023	<0.01	
2/28/2024		<0.01
8/13/2024		0.001 (J)
3/4/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	<0.01	
11/2/2007	<0.01	
11/17/2007	<0.01	
1/15/2008	<0.01	
3/5/2008	<0.01	
5/7/2008	<0.01	
12/2/2008	<0.01	
4/16/2009	<0.01	
10/20/2009	<0.01	
4/20/2010	<0.01	
9/29/2010	<0.01	
4/12/2011	<0.01	
10/4/2011	<0.01	
4/4/2012	<0.01	
10/10/2012	<0.01	
4/15/2013	<0.01	
10/22/2013	<0.01	
4/21/2014	<0.01	
9/30/2014	<0.01	
4/3/2015	<0.01	
10/7/2015	<0.01	
4/5/2016	<0.01	
6/1/2016	<0.01	
8/9/2016	<0.01	
11/28/2016	<0.01	
2/9/2017	<0.01	
4/11/2017	<0.01	
6/14/2017	<0.01	
7/12/2017	<0.01	
10/5/2017	<0.01	
3/22/2018	<0.01	
9/19/2018	<0.01	
3/22/2019	<0.01	
9/17/2019	<0.01	
3/13/2020	0.0016 (J)	
9/21/2020	<0.01	
3/18/2021	0.0016 (J)	
8/11/2021	<0.01	
2/4/2022	<0.01	
8/18/2022	<0.01	
2/22/2023	<0.01	
8/1/2023	<0.01	
2/28/2024		<0.01
8/13/2024		<0.01
3/3/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.01	
11/2/2007	<0.01	
11/17/2007	<0.01	
1/15/2008	<0.01	
3/6/2008	<0.01	
5/7/2008	<0.01	
12/2/2008	<0.01	
4/28/2009	<0.01	
10/19/2009	<0.01	
4/27/2010	<0.01	
10/4/2010	<0.01	
4/18/2011	<0.01	
10/12/2011	<0.01	
4/23/2012	<0.01	
10/10/2012	<0.01	
4/15/2013	<0.01	
10/22/2013	<0.01	
4/21/2014	<0.01	
9/30/2014	<0.01	
4/3/2015	<0.01	
10/7/2015	<0.01	
4/5/2016	<0.01	
5/31/2016	<0.01	
8/4/2016	<0.01	
9/29/2016	<0.01	
11/23/2016	0.0016 (J)	
2/10/2017	<0.01	
4/12/2017	<0.01	
6/15/2017	<0.01	
10/6/2017	<0.01	
3/23/2018	<0.01	
9/19/2018	<0.01	
3/25/2019	<0.01	
9/17/2019	<0.01	
3/13/2020	<0.01	
9/21/2020	<0.01	
3/18/2021	<0.01	
8/11/2021	<0.01	
2/4/2022	<0.01	
8/19/2022	<0.01	
2/22/2023	<0.01	
8/2/2023	<0.01	
2/28/2024		<0.01
8/13/2024		<0.01
3/3/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	0.00622 (J)	
5/16/2016	0.0021 (J)	
7/25/2016	<0.01	
9/19/2016	<0.01	
11/3/2016	<0.01	
1/19/2017	<0.01	
3/28/2017	0.0033 (J)	
6/5/2017	0.0068 (J)	
9/26/2017	0.0037 (J)	
3/15/2018	0.0031 (J)	
9/12/2018	<0.01	
3/14/2019	0.0042 (J)	
9/11/2019	0.0021 (J)	
3/10/2020	0.0063 (J)	
9/15/2020	<0.01	
3/11/2021	<0.01	
8/4/2021	0.0036 (J)	
1/31/2022	0.0018 (J)	
8/15/2022	<0.01	
2/14/2023	<0.01	
7/26/2023	<0.01	
2/20/2024		<0.01
8/6/2024		<0.01
2/26/2025		0.0026 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.01	
5/17/2016	<0.01	
7/26/2016	0.0009 (J)	
9/20/2016	<0.01	
11/4/2016	<0.01	
1/20/2017	<0.01	
3/28/2017	<0.01	
6/7/2017	<0.01	
9/29/2017	<0.01	
3/15/2018	<0.01	
9/13/2018	<0.01	
3/18/2019	<0.01	
9/11/2019	<0.01	
3/10/2020	<0.01	
9/14/2020	<0.01	
3/11/2021	<0.01	
8/5/2021	<0.01	
1/31/2022	<0.01	
8/15/2022	<0.01	
2/14/2023	<0.01	
7/26/2023	<0.01	
2/21/2024		<0.01
8/5/2024		<0.01
2/26/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.01	
5/17/2016	<0.01	
7/27/2016	0.0009 (J)	
9/20/2016	<0.01	
11/4/2016	<0.01	
1/23/2017	<0.01	
3/28/2017	<0.01	
6/8/2017	<0.01	
9/29/2017	<0.01	
3/15/2018	<0.01	
9/13/2018	<0.01	
3/15/2019	<0.01	
9/11/2019	<0.01 (D)	
3/9/2020	<0.01	
9/14/2020	<0.01	
3/11/2021	<0.01	
8/4/2021	<0.01	
1/31/2022	<0.01	
8/15/2022	<0.01	
2/14/2023	<0.01	
7/26/2023	0.0016 (J)	
2/21/2024		0.0011 (J)
8/5/2024		0.0013 (J)
2/26/2025		0.0069

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	<0.01	
10/25/2007	<0.01	
11/19/2007	<0.01	
1/23/2008	<0.01	
3/11/2008	<0.01	
5/12/2008	<0.01	
12/11/2008	<0.01	
4/15/2009	<0.01	
10/9/2009	0.015 (O)	
5/4/2010	<0.01	
10/12/2010	<0.01	
4/28/2011	<0.01	
10/19/2011	<0.01	
5/2/2012	<0.01	
10/9/2012	0.0054	
4/11/2013	0.0072	
10/16/2013	<0.01	
4/23/2014	0.0067	
10/3/2014	<0.01	
3/31/2015	<0.01	
10/12/2015	<0.01	
3/28/2016	<0.01	
5/25/2016	<0.01	
8/1/2016	<0.01	
9/27/2016	<0.01	
11/11/2016	<0.01	
1/31/2017	<0.01	
4/3/2017	<0.01	
6/12/2017	<0.01	
10/3/2017	<0.01	
3/19/2018	<0.01	
9/17/2018	<0.01	
3/20/2019	<0.01	
9/16/2019	<0.01	
3/16/2020	<0.01	
9/16/2020	<0.01	
3/17/2021	0.0019 (J)	
8/9/2021	<0.01	
2/2/2022	<0.01	
8/16/2022	<0.01	
2/20/2023	<0.01	
7/28/2023	<0.01	
2/26/2024		<0.01
8/8/2024		<0.01
2/27/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	<0.01	
6/18/2015	<0.01 (D)	
7/2/2015	<0.01	
10/9/2015	<0.01	
3/29/2016	<0.01	
5/24/2016	<0.01	
8/1/2016	<0.01	
9/26/2016	<0.01	
11/14/2016	<0.01	
2/1/2017	<0.01	
4/6/2017	<0.01	
6/13/2017	<0.01	
10/3/2017	<0.01	
3/20/2018	<0.01	
9/17/2018	<0.01	
3/21/2019	<0.01	
9/16/2019	<0.01	
3/12/2020	<0.01	
9/16/2020	<0.01	
3/17/2021	0.0038 (J)	
8/10/2021	<0.01	
2/2/2022	<0.01	
8/17/2022	<0.01	
2/17/2023	<0.01	
7/28/2023	<0.01	
2/26/2024		<0.01
8/8/2024		<0.01
2/27/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.01	
6/18/2015	<0.01 (D)	
7/2/2015	<0.01	
10/8/2015	<0.01	
3/22/2016	<0.01	
5/25/2016	<0.01	
8/2/2016	<0.01	
9/26/2016	<0.01	
11/21/2016	<0.01	
2/3/2017	<0.01	
4/7/2017	<0.01	
6/13/2017	<0.01	
10/3/2017	<0.01	
3/20/2018	<0.01	
9/18/2018	<0.01	
5/6/2019	<0.01	
9/16/2019	<0.01	
3/16/2020	<0.01	
9/17/2020	<0.01	
3/18/2021	0.0089	
8/10/2021	<0.01	
2/2/2022	<0.01	
8/17/2022	<0.01	
2/20/2023	<0.01	
7/31/2023	<0.01	
2/26/2024		<0.01
8/12/2024		<0.01
2/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.01	
11/1/2007	<0.01	
11/19/2007	<0.01	
1/15/2008	<0.01	
3/6/2008	<0.01	
5/13/2008	<0.01	
12/12/2008	<0.01	
4/16/2009	<0.01	
10/13/2009	<0.01	
4/21/2010	<0.01	
9/29/2010	<0.01	
4/13/2011	<0.01	
10/5/2011	<0.01	
4/4/2012	<0.01	
10/8/2012	<0.01	
4/8/2013	<0.01	
10/9/2013	<0.01	
4/9/2014	<0.01	
9/30/2014	<0.01	
4/2/2015	<0.01	
10/10/2015	<0.01 (D)	
3/30/2016	0.00388 (J)	
5/26/2016	<0.01	
8/5/2016	<0.01	
9/28/2016	<0.01	
11/21/2016	<0.01	
2/6/2017	<0.01	
4/6/2017	<0.01	
6/13/2017	<0.01	
10/3/2017	<0.01	
3/20/2018	<0.01	
9/18/2018	<0.01 (D)	
3/21/2019	<0.01	
9/16/2019	<0.01	
3/12/2020	<0.01	
9/17/2020	<0.01	
3/18/2021	<0.01	
8/10/2021	<0.01	
2/2/2022	<0.01	
8/17/2022	<0.01	
2/21/2023	<0.01	
7/31/2023	<0.01	
2/27/2024		<0.01
8/12/2024		<0.01
2/28/2025		0.0013 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.005 (D)	
7/27/2016	0.0012 (JD)	
2/21/2017	<0.005	
3/27/2017	<0.005 (D)	
9/29/2017	<0.005 (D)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
3/9/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/6/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	<0.005	
4/23/2009	<0.005	
10/6/2009	<0.005	
4/27/2010	<0.005	
9/30/2010	<0.005	
4/14/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/2/2012	<0.005	
4/9/2013	<0.005	
10/15/2013	<0.005	
4/10/2014	0.0025 (J)	
10/1/2014	<0.005	
3/30/2015	<0.005	
10/11/2015	<0.005	
3/28/2016	<0.005	
8/1/2016	0.0004 (J)	
4/7/2017	0.0005 (J)	
10/2/2017	0.0006 (J)	
3/16/2018	<0.005	
9/17/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	0.00045 (J)	
3/11/2020	0.00039 (J)	
9/16/2020	0.00042 (J)	
3/17/2021	0.00044 (J)	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/28/2023	0.00044 (J)	
2/22/2024		0.00052 (J)
8/8/2024		0.00056 (J)
2/27/2025		0.00061 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.0025	
4/23/2009	<0.0025	
10/6/2009	0.0048	
5/3/2010	<0.0025	
10/11/2010	<0.0025	
4/27/2011	0.004	
10/19/2011	<0.0025	
5/1/2012	<0.0025	
10/2/2012	<0.0025	
4/10/2013	<0.0025	
10/16/2013	0.0034	
4/22/2014	0.0034	
10/1/2014	0.0012 (J)	
3/30/2015	0.003	
10/11/2015	0.0018 (J)	
3/28/2016	0.0022 (J)	
8/1/2016	0.0016 (J)	
4/3/2017	0.0022 (J)	
10/2/2017	0.0021 (J)	
3/16/2018	0.0023 (J)	
9/18/2018	0.0017 (J)	
3/19/2019	0.0017 (J)	
9/12/2019	0.0028 (J)	
3/11/2020	0.0013 (J)	
9/15/2020	0.0012 (J)	
3/17/2021	0.0026 (J)	
8/9/2021	0.0015 (J)	
2/2/2022	0.0012 (J)	
8/17/2022	0.0021 (J)	
2/16/2023	0.0011 (J)	
7/28/2023	0.00091 (J)	
2/22/2024		0.0013 (J)
8/8/2024		0.0011 (J)
2/28/2025		0.0016 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/16/2008	<0.005	
3/5/2008	0.0046	
5/13/2008	<0.005	
12/13/2008	<0.005	
4/16/2009	<0.005	
10/21/2009	<0.005	
4/27/2010	<0.005	
10/5/2010	<0.005	
4/19/2011	<0.005	
10/12/2011	<0.005	
4/24/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/9/2013	<0.005	
4/1/2014	<0.005	
10/2/2014	<0.005	
4/1/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
8/3/2016	<0.005	
4/11/2017	<0.005	
10/4/2017	<0.005	
3/22/2018	<0.005	
9/18/2018	<0.005	
3/23/2019	<0.005	
9/17/2019	<0.005 (D)	
3/12/2020	<0.005	
9/21/2020	<0.005	
3/19/2021	<0.005	
8/11/2021	<0.005	
2/2/2022	<0.005	
8/18/2022	<0.005	
2/21/2023	<0.005	
8/1/2023	<0.005	
2/27/2024		<0.005
8/12/2024		<0.005
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.005	
11/1/2007	<0.005	
11/19/2007	<0.005	
1/31/2008	<0.005	
3/5/2008	<0.005	
5/7/2008	<0.005	
12/12/2008	<0.005	
4/29/2009	0.0026	
10/21/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/20/2011	<0.005	
10/12/2011	<0.005	
4/25/2012	<0.005	
10/2/2012	<0.005	
4/2/2013	<0.005	
10/8/2013	<0.005	
4/1/2014	<0.005	
10/1/2014	<0.005	
3/31/2015	<0.005	
10/14/2015	<0.005	
4/4/2016	<0.005	
4/11/2017	<0.005	
10/6/2017	<0.005	
3/23/2018	<0.005	
9/20/2018	<0.005	
3/22/2019	<0.005	
9/18/2019	<0.005	
3/17/2020	<0.005	
9/22/2020	<0.005	
3/19/2021	<0.005	
8/12/2021	<0.005	
2/4/2022	<0.005	
8/19/2022	<0.005	
2/22/2023	<0.005	
8/2/2023	<0.005	
2/28/2024		<0.005
8/13/2024		<0.005
3/4/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	<0.01	
10/23/2007	<0.01	
11/18/2007	<0.01	
1/30/2008	<0.01	
3/10/2008	<0.01	
5/13/2008	<0.01	
12/5/2008	<0.01	
4/15/2009	<0.01	
10/7/2009	0.0099	
5/3/2010	<0.01	
10/12/2010	<0.01	
4/27/2011	<0.01	
10/17/2011	<0.01	
5/2/2012	<0.01	
10/8/2012	<0.01	
4/12/2013	<0.01	
10/16/2013	<0.01	
4/11/2014	<0.01	
9/30/2014	<0.01	
3/30/2015	0.0067	
10/13/2015	<0.01	
3/22/2016	0.00214 (J)	
7/29/2016	<0.01	
3/30/2017	<0.01	
10/2/2017	<0.01	
3/16/2018	<0.01	
9/17/2018	<0.01 (D)	
3/20/2019	<0.01	
9/12/2019	<0.01	
3/11/2020	<0.01	
9/15/2020	<0.01	
3/16/2021	<0.01	
8/9/2021	<0.01	
2/1/2022	<0.01	
8/16/2022	<0.01	
2/16/2023	<0.01	
7/27/2023	<0.01	
2/22/2024		<0.01
8/7/2024		<0.01
2/27/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	<0.01	
10/24/2007	<0.01	
11/18/2007	0.0051	
1/31/2008	<0.01	
3/11/2008	0.0032	
5/6/2008	<0.01	
12/4/2008	0.016 (O)	
4/21/2009	0.005	
10/7/2009	<0.01	
4/26/2010	<0.01	
10/4/2010	0.0025	
4/13/2011	<0.01	
10/5/2011	<0.01	
4/11/2012	<0.01	
10/9/2012	<0.01	
4/15/2013	<0.01	
10/15/2013	<0.01	
4/22/2014	<0.01	
9/30/2014	<0.01	
3/30/2015	0.0016 (J)	
10/13/2015	<0.01	
3/23/2016	<0.01	
7/29/2016	<0.01	
3/30/2017	<0.01	
10/2/2017	<0.01	
3/19/2018	<0.01	
9/14/2018	<0.01	
3/20/2019	<0.01	
9/12/2019	<0.01 (D)	
3/11/2020	<0.01	
9/15/2020	<0.01	
3/17/2021	<0.01	
8/9/2021	<0.01	
2/1/2022	<0.01	
8/16/2022	<0.01	
2/16/2023	<0.01	
7/27/2023	<0.01	
2/22/2024		<0.01
8/7/2024		<0.01
2/27/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	<0.01	
10/24/2007	<0.01	
11/18/2007	<0.01	
1/31/2008	0.0078	
3/10/2008	<0.01	
5/13/2008	<0.01	
12/4/2008	<0.01	
4/21/2009	0.0036	
10/8/2009	<0.01	
4/21/2010	<0.01	
9/28/2010	<0.01	
4/12/2011	<0.01	
10/4/2011	<0.01	
4/3/2012	<0.01	
10/9/2012	<0.01	
4/11/2013	<0.01	
10/16/2013	<0.01	
4/10/2014	0.005 (J)	
9/30/2014	<0.01	
3/30/2015	<0.01	
10/13/2015	<0.01	
3/23/2016	<0.01	
7/29/2016	<0.01	
4/3/2017	<0.01	
10/2/2017	<0.01	
3/16/2018	<0.01	
9/14/2018	<0.01	
3/19/2019	<0.01	
9/13/2019	0.001 (J)	
3/11/2020	0.00084 (J)	
9/15/2020	<0.01	
3/16/2021	<0.01	
8/9/2021	<0.01	
2/1/2022	<0.01	
8/16/2022	<0.01	
2/16/2023	<0.01	
7/27/2023	<0.01	
2/26/2024		<0.01
8/6/2024		0.0015 (J)
2/27/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.01 (D)	
7/27/2016	0.002 (JD)	
2/21/2017	<0.01	
3/27/2017	<0.01 (D)	
9/29/2017	<0.01 (D)	
3/16/2018	<0.01	
9/14/2018	<0.01	
3/14/2019	<0.01	
3/9/2020	<0.01	
9/16/2020	<0.01	
3/16/2021	<0.01	
8/6/2021	<0.01	
2/2/2022	<0.01	
8/16/2022	<0.01	
2/14/2023	<0.01	
7/25/2023	<0.01	
2/19/2024		0.001 (J)
8/1/2024		<0.01
2/26/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	<0.01	
11/2/2007	<0.01	
11/18/2007	0.0046	
1/31/2008	<0.01	
3/11/2008	<0.01	
5/14/2008	<0.01	
12/5/2008	<0.01	
4/15/2009	<0.01	
10/8/2009	<0.01	
4/28/2010	<0.01	
10/6/2010	<0.01	
4/21/2011	<0.01	
10/13/2011	<0.01	
5/1/2012	<0.01	
10/9/2012	<0.01	
4/11/2013	<0.01	
10/16/2013	<0.01	
4/23/2014	<0.01	
10/4/2014	<0.01	
3/31/2015	0.0023 (J)	
10/12/2015	<0.01	
3/23/2016	<0.01	
7/29/2016	<0.01	
3/30/2017	<0.01	
10/4/2017	<0.01	
3/19/2018	<0.01	
9/17/2018	<0.01	
3/20/2019	<0.01	
9/13/2019	<0.01	
3/11/2020	<0.01	
3/29/2021	<0.01	
8/9/2021	<0.01	
2/2/2022	<0.01	
8/16/2022	<0.01	
2/17/2023	<0.01	
8/1/2023	<0.01	
2/22/2024		<0.01
8/8/2024		<0.01
2/26/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.01	
5/13/2016	<0.01	
7/21/2016	<0.01	
9/21/2016	<0.01	
11/3/2016	<0.01	
1/17/2017	<0.01	
3/27/2017	<0.01	
9/25/2017	<0.01	
3/14/2018	<0.01	
9/12/2018	<0.01	
3/14/2019	<0.01	
9/10/2019	<0.01	
3/9/2020	<0.01	
9/10/2020	<0.01	
3/10/2021	<0.01	
8/4/2021	<0.01	
1/31/2022	<0.01	
8/11/2022	<0.01	
2/13/2023	<0.01	
7/25/2023	<0.01	
2/19/2024		0.001 (J)
8/1/2024		<0.01
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.01	
5/16/2016	<0.01	
7/22/2016	<0.01	
9/19/2016	<0.01	
11/3/2016	<0.01	
1/17/2017	<0.01	
3/27/2017	<0.01	
9/26/2017	<0.01	
3/14/2018	<0.01	
9/14/2018	<0.01	
3/14/2019	<0.01	
9/10/2019	<0.01	
3/6/2020	<0.01	
9/10/2020	<0.01	
3/11/2021	<0.01	
8/4/2021	<0.01	
1/31/2022	<0.01	
8/10/2022	<0.01	
2/13/2023	<0.01	
7/26/2023	<0.01	
2/20/2024		0.0015 (J)
8/1/2024		<0.01
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.00204 (J)	
5/13/2016	<0.01	
7/19/2016	<0.01	
9/16/2016	<0.01	
11/2/2016	<0.01	
1/18/2017	<0.01	
3/28/2017	<0.01	
9/22/2017	<0.01	
3/14/2018	<0.01	
9/12/2018	<0.01	
3/13/2019	<0.01	
9/11/2019	<0.01	
3/9/2020	<0.01	
9/11/2020	<0.01	
3/11/2021	<0.01	
8/6/2021	<0.01	
1/31/2022	<0.01	
8/11/2022	<0.01	
2/14/2023	<0.01	
7/25/2023	<0.01	
2/20/2024		0.0017 (J)
8/2/2024		<0.01
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	0.00202 (J)	
5/13/2016	<0.01	
7/19/2016	<0.01	
9/16/2016	<0.01	
11/2/2016	<0.01	
1/18/2017	<0.01	
3/28/2017	<0.01	
9/22/2017	<0.01	
3/15/2018	<0.01	
9/12/2018	<0.01	
3/13/2019	<0.01	
9/11/2019	<0.01	
3/9/2020	0.00074 (J)	
9/14/2020	<0.01	
3/11/2021	<0.01	
8/5/2021	<0.01	
1/31/2022	<0.01	
8/10/2022	<0.01	
2/13/2023	<0.01	
7/25/2023	<0.01	
2/20/2024		0.0016 (J)
8/2/2024		<0.01
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
4/7/2017	<0.01	
10/3/2017	<0.01 (D)	
3/21/2018	<0.01	
9/18/2018	<0.01	
3/21/2019	<0.01 (D)	
9/12/2019	0.00084 (JD)	
3/12/2020	<0.01	
9/17/2020	<0.01	
3/16/2021	<0.01	
8/10/2021	<0.01	
2/3/2022	<0.01	
8/17/2022	<0.01	
2/17/2023	<0.01	
7/28/2023	<0.01	
2/27/2024		<0.01
8/8/2024		<0.01
2/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	<0.01	
4/23/2009	0.0065	
10/6/2009	0.0026	
5/3/2010	0.0028	
10/11/2010	0.0035	
4/27/2011	0.0047	
10/19/2011	<0.01	
5/1/2012	<0.01	
10/2/2012	<0.01	
4/10/2013	<0.01	
10/16/2013	<0.01	
4/22/2014	0.005 (J)	
10/1/2014	<0.01	
3/30/2015	0.0032 (J)	
10/11/2015	<0.01	
3/28/2016	<0.01	
8/1/2016	<0.01	
4/3/2017	<0.01	
10/2/2017	<0.01	
3/16/2018	<0.01	
9/18/2018	<0.01	
3/19/2019	<0.01	
9/12/2019	<0.01	
3/11/2020	<0.01	
9/15/2020	<0.01	
3/17/2021	<0.01	
8/9/2021	<0.01	
2/2/2022	<0.01	
8/17/2022	<0.01	
2/16/2023	<0.01	
7/28/2023	<0.01	
2/22/2024		<0.01
8/8/2024		<0.01
2/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	<0.01	
11/1/2007	<0.01	
11/20/2007	0.0034	
1/30/2008	0.005	
3/6/2008	0.0032	
5/12/2008	<0.01	
12/13/2008	0.0082	
4/29/2009	<0.01	
10/20/2009	<0.01	
4/26/2010	<0.01	
9/29/2010	<0.01	
4/13/2011	<0.01	
10/5/2011	<0.01	
4/4/2012	<0.01	
10/3/2012	<0.01	
4/3/2013	<0.01	
10/15/2013	<0.01	
4/9/2014	<0.01	
10/2/2014	<0.01	
4/2/2015	<0.01	
10/10/2015	<0.01	
3/31/2016	<0.01	
8/5/2016	<0.01	
4/10/2017	<0.01	
10/4/2017	<0.01	
3/20/2018	<0.01	
9/18/2018	<0.01	
3/22/2019	<0.01	
9/17/2019	<0.01	
3/12/2020	<0.01	
9/17/2020	<0.01	
3/18/2021	<0.01	
8/10/2021	<0.01	
2/4/2022	<0.01	
8/17/2022	<0.01	
2/20/2023	<0.01	
7/31/2023	<0.01	
2/27/2024		<0.01
8/12/2024		<0.01
2/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.01	
11/1/2007	<0.01	
11/18/2007	<0.01	
1/30/2008	<0.01	
3/5/2008	<0.01	
5/7/2008	0.0029	
12/14/2008	0.0026	
4/29/2009	<0.01	
10/22/2009	0.0026	
4/21/2010	<0.01	
9/28/2010	<0.01	
4/12/2011	<0.01	
10/4/2011	<0.01	
4/3/2012	<0.01	
10/3/2012	<0.01	
4/3/2013	<0.01	
10/9/2013	<0.01	
4/2/2014	<0.01	
10/2/2014	<0.01	
4/1/2015	<0.01	
10/11/2015	<0.01	
4/4/2016	<0.01	
8/3/2016	<0.01	
4/10/2017	<0.01	
10/4/2017	<0.01	
3/21/2018	<0.01	
9/18/2018	<0.01	
3/23/2019	<0.01	
9/17/2019	<0.01	
3/12/2020	<0.01	
9/21/2020	<0.01	
3/19/2021	<0.01	
8/11/2021	<0.01	
2/4/2022	<0.01	
8/18/2022	<0.01	
2/20/2023	<0.01	
8/1/2023	<0.01	
2/28/2024		<0.01
8/13/2024		<0.01
3/4/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.01	
11/1/2007	<0.01	
11/18/2007	<0.01	
1/30/2008	<0.01	
3/6/2008	0.0047	
5/7/2008	0.003	
12/14/2008	0.0056	
4/29/2009	0.018 (O)	
10/22/2009	0.0079	
4/21/2010	0.0075	
9/29/2010	0.0065	
4/13/2011	0.004	
10/4/2011	0.0054	
4/4/2012	<0.01	
10/3/2012	<0.01	
4/3/2013	<0.01	
10/9/2013	<0.01	
4/2/2014	0.005 (J)	
10/2/2014	<0.01	
4/1/2015	0.0067	
10/11/2015	0.0049 (J)	
4/4/2016	0.00251 (J)	
8/4/2016	<0.01	
4/10/2017	<0.01	
10/4/2017	0.0015 (J)	
3/22/2018	<0.01	
9/18/2018	0.0022 (J)	
3/23/2019	<0.01	
9/17/2019	<0.01	
3/12/2020	<0.01	
9/21/2020	<0.01	
3/19/2021	<0.01	
8/11/2021	<0.01	
2/4/2022	<0.01	
8/18/2022	<0.01	
2/20/2023	<0.01	
8/1/2023	<0.01	
2/28/2024		<0.01
8/12/2024		<0.01
3/3/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	<0.01	
11/1/2007	<0.01	
11/19/2007	<0.01	
1/16/2008	0.0071	
3/5/2008	0.0031	
5/13/2008	<0.01	
12/13/2008	<0.01	
4/16/2009	0.0037	
10/21/2009	0.0047	
4/27/2010	0.0082	
10/5/2010	<0.01	
4/19/2011	0.0036	
10/12/2011	<0.01	
4/24/2012	<0.01	
10/2/2012	<0.01	
4/2/2013	<0.01	
10/9/2013	<0.01	
4/1/2014	<0.01	
10/2/2014	<0.01	
4/1/2015	<0.01	
10/14/2015	0.0022 (J)	
4/4/2016	<0.01	
8/3/2016	<0.01	
4/11/2017	<0.01	
10/4/2017	<0.01	
3/22/2018	<0.01	
9/18/2018	<0.01	
3/23/2019	<0.01	
9/17/2019	<0.01 (D)	
3/12/2020	<0.01	
9/21/2020	<0.01	
3/19/2021	<0.01	
8/11/2021	<0.01	
2/2/2022	<0.01	
8/18/2022	<0.01	
2/21/2023	0.0034 (J)	
8/1/2023	<0.01	
2/27/2024		<0.01
8/12/2024		<0.01
3/4/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	<0.01	
11/1/2007	<0.01	
11/19/2007	0.0035	
1/31/2008	0.0039	
3/5/2008	<0.01	
5/12/2008	0.0064	
12/13/2008	0.02 (O)	
4/28/2009	0.0039	
10/21/2009	0.0037	
4/28/2010	<0.01	
10/5/2010	<0.01	
4/19/2011	0.0025	
10/18/2011	0.0037	
4/25/2012	<0.01	
10/2/2012	<0.01	
4/2/2013	<0.01	
10/8/2013	<0.01	
4/1/2014	0.005 (J)	
10/1/2014	<0.01	
4/1/2015	0.0019 (J)	
10/15/2015	<0.01	
4/4/2016	0.00211 (J)	
8/4/2016	<0.01	
4/12/2017	0.0016 (J)	
10/9/2017	<0.01	
3/21/2018	<0.01	
9/19/2018	0.0022 (J)	
3/23/2019	<0.01	
9/18/2019	<0.01	
3/13/2020	0.002 (J)	
9/22/2020	<0.01	
3/18/2021	<0.01	
8/11/2021	0.0021 (J)	
2/17/2022	<0.01	
8/18/2022	<0.01	
2/22/2023	0.0019 (J)	
8/1/2023	<0.01	
2/27/2024		0.0013 (J)
8/12/2024		0.0014 (J)
3/3/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.01	
11/1/2007	0.0048	
11/19/2007	0.0054	
1/31/2008	0.003	
3/5/2008	<0.01	
5/7/2008	0.0041	
12/12/2008	0.023 (O)	
4/29/2009	0.006	
10/21/2009	0.022 (O)	
4/28/2010	0.011	
10/6/2010	0.0064	
4/20/2011	0.0046	
10/12/2011	<0.01	
4/25/2012	<0.01	
10/2/2012	<0.01	
4/2/2013	<0.01	
10/8/2013	<0.01	
4/1/2014	0.005 (J)	
10/1/2014	<0.01	
3/31/2015	<0.01	
10/14/2015	<0.01	
4/4/2016	<0.01	
4/11/2017	<0.01	
10/6/2017	<0.01	
3/23/2018	<0.01	
9/20/2018	<0.01	
3/22/2019	<0.01	
9/18/2019	<0.01	
3/17/2020	<0.01	
9/22/2020	<0.01	
3/19/2021	<0.01	
8/12/2021	<0.01	
2/4/2022	<0.01	
8/19/2022	<0.01	
2/22/2023	<0.01	
8/2/2023	<0.01	
2/28/2024		<0.01
8/13/2024		0.00085 (J)
3/4/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.012	
11/2/2007	<0.01	
11/17/2007	0.0043	
1/15/2008	0.0037	
3/5/2008	0.0049	
5/7/2008	<0.01	
12/2/2008	0.0097	
4/16/2009	0.0061	
10/20/2009	0.0092	
4/20/2010	<0.01	
9/29/2010	<0.01	
4/12/2011	<0.01	
10/4/2011	<0.01	
4/4/2012	<0.01	
10/10/2012	<0.01	
4/15/2013	<0.01	
10/22/2013	<0.01	
4/21/2014	0.005 (J)	
9/30/2014	<0.01	
4/3/2015	0.001 (J)	
10/7/2015	<0.01	
4/5/2016	<0.01	
8/9/2016	<0.01	
4/11/2017	<0.01	
10/5/2017	<0.01	
3/22/2018	<0.01	
9/19/2018	<0.01	
3/22/2019	<0.01	
9/17/2019	<0.01	
3/13/2020	<0.01	
9/21/2020	<0.01	
3/18/2021	<0.01	
8/11/2021	<0.01	
2/4/2022	<0.01	
8/18/2022	<0.01	
2/22/2023	<0.01	
8/1/2023	<0.01	
2/28/2024		<0.01
8/13/2024		<0.01
3/3/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	<0.01	
11/2/2007	<0.01	
11/17/2007	<0.01	
1/15/2008	<0.01	
3/6/2008	<0.01	
5/7/2008	<0.01	
12/2/2008	<0.01	
4/28/2009	<0.01	
10/19/2009	<0.01	
4/27/2010	<0.01	
10/4/2010	<0.01	
4/18/2011	<0.01	
10/12/2011	<0.01	
4/23/2012	<0.01	
10/10/2012	<0.01	
4/15/2013	<0.01	
10/22/2013	<0.01	
4/21/2014	<0.01	
9/30/2014	<0.01	
4/3/2015	<0.01	
10/7/2015	<0.01	
4/5/2016	<0.01	
8/4/2016	<0.01	
4/12/2017	<0.01	
10/6/2017	<0.01	
3/23/2018	<0.01	
9/19/2018	<0.01	
3/25/2019	<0.01	
9/17/2019	<0.01	
3/13/2020	0.00077 (J)	
9/21/2020	<0.01	
3/18/2021	<0.01	
8/11/2021	<0.01	
2/4/2022	<0.01	
8/19/2022	<0.01	
2/22/2023	<0.01	
8/2/2023	<0.01	
2/28/2024		<0.01
8/13/2024		<0.01
3/3/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	0.0027	
11/2/2007	0.012	
11/18/2007	0.016 (J)	
1/15/2008	0.018	
3/10/2008	0.014	
5/13/2008	0.013	
12/2/2008	0.016	
4/28/2009	0.016	
10/20/2009	0.021	
4/27/2010	0.012	
10/5/2010	0.011	
4/19/2011	0.012	
10/12/2011	0.0031	
4/25/2012	<0.01	
10/10/2012	<0.01	
4/16/2013	<0.01	
10/22/2013	<0.01	
4/21/2014	0.005 (J)	
9/30/2014	<0.01	
4/3/2015	0.0016 (J)	
10/6/2015	0.002 (J)	
4/5/2016	0.00233 (J)	
4/11/2017	<0.01	
10/6/2017	<0.01	
3/23/2018	<0.01	
9/19/2018	<0.01	
3/22/2019	<0.01	
9/17/2019	<0.01	
3/13/2020	0.00095 (J)	
9/21/2020	<0.01	
3/18/2021	<0.01	
8/11/2021	<0.01	
2/7/2022	<0.01	
8/19/2022	<0.01	
2/22/2023	<0.01	
8/1/2023	<0.01	
2/28/2024		<0.01
8/13/2024		0.0013 (J)
3/3/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.01	
5/16/2016	<0.01	
7/25/2016	<0.01	
9/19/2016	<0.01	
11/3/2016	<0.01	
1/19/2017	<0.01	
3/28/2017	<0.01	
9/26/2017	<0.01	
3/15/2018	<0.01	
9/12/2018	<0.01	
3/14/2019	<0.01	
9/11/2019	<0.01	
3/10/2020	<0.01	
9/15/2020	<0.01	
3/11/2021	<0.01	
8/4/2021	<0.01	
1/31/2022	<0.01	
8/15/2022	<0.01	
2/14/2023	<0.01	
7/26/2023	0.0026 (J)	
2/20/2024		0.00096 (J)
8/6/2024		<0.01
2/26/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.01	
5/16/2016	<0.01 (D)	
7/25/2016	0.0022 (JD)	
9/19/2016	<0.01 (D)	
11/4/2016	<0.01 (D)	
1/23/2017	<0.01 (D)	
3/29/2017	<0.01 (D)	
9/27/2017	<0.01	
3/15/2018	<0.01	
9/13/2018	<0.01	
3/14/2019	<0.01 (D)	
9/11/2019	<0.01 (D)	
3/10/2020	<0.01	
9/11/2020	<0.01	
3/11/2021	<0.01	
8/6/2021	<0.01	
2/1/2022	<0.01	
8/12/2022	<0.01	
2/14/2023	<0.01	
7/26/2023	0.0026 (J)	
2/20/2024		0.00097 (J)
8/5/2024		<0.01
2/26/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.01	
5/16/2016	<0.01 (D)	
7/25/2016	<0.01 (D)	
9/19/2016	<0.01 (D)	
11/3/2016	<0.01 (D)	
1/20/2017	<0.01 (D)	
3/29/2017	<0.01 (D)	
9/27/2017	<0.01	
3/15/2018	<0.01	
9/13/2018	<0.01	
3/14/2019	<0.01 (D)	
9/11/2019	<0.01 (D)	
3/10/2020	<0.01	
9/11/2020	<0.01	
3/11/2021	<0.01	
8/6/2021	<0.01	
2/1/2022	<0.01	
8/12/2022	<0.01	
2/14/2023	<0.01	
7/26/2023	<0.01	
2/20/2024		0.0009 (J)
8/5/2024		<0.01
2/26/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.01	
5/18/2016	<0.01	
7/27/2016	<0.01	
9/20/2016	<0.01	
11/4/2016	<0.01	
1/20/2017	<0.01	
3/29/2017	<0.01	
9/27/2017	<0.01	
3/16/2018	<0.01	
9/13/2018	<0.01	
3/19/2019	<0.01	
9/11/2019	<0.01	
3/9/2020	0.00075 (J)	
9/15/2020	<0.01	
3/11/2021	<0.01	
8/5/2021	<0.01	
2/1/2022	<0.01	
8/15/2022	<0.01	
2/14/2023	<0.01	
7/27/2023	<0.01	
2/21/2024		<0.01
8/5/2024		<0.01
2/26/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.01	
5/17/2016	<0.01	
7/27/2016	<0.01	
9/20/2016	<0.01	
11/4/2016	<0.01	
1/23/2017	<0.01	
3/28/2017	<0.01	
9/29/2017	<0.01	
3/15/2018	<0.01	
9/13/2018	<0.01	
3/15/2019	<0.01	
9/11/2019	<0.01 (D)	
3/9/2020	<0.01	
9/14/2020	<0.01	
3/11/2021	<0.01	
8/4/2021	<0.01	
1/31/2022	<0.01	
8/15/2022	<0.01	
2/14/2023	<0.01	
7/26/2023	0.0028 (J)	
2/21/2024		<0.01
8/5/2024		<0.01
2/26/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.0032	
10/25/2007	<0.01	
11/19/2007	<0.01	
1/23/2008	<0.01	
3/11/2008	<0.01	
5/12/2008	<0.01	
12/11/2008	<0.01	
4/15/2009	<0.01	
10/9/2009	<0.01	
5/4/2010	<0.01	
10/12/2010	<0.01	
4/28/2011	<0.01	
10/19/2011	<0.01	
5/2/2012	<0.01	
10/9/2012	<0.01	
4/11/2013	<0.01	
10/16/2013	<0.01	
4/23/2014	<0.01	
10/3/2014	0.00097 (J)	
3/31/2015	0.00096 (J)	
10/12/2015	<0.01	
3/28/2016	<0.01	
8/1/2016	<0.01	
4/3/2017	<0.01	
10/3/2017	<0.01	
3/19/2018	<0.01	
9/17/2018	<0.01	
3/20/2019	<0.01	
9/16/2019	<0.01	
3/16/2020	<0.01	
9/16/2020	<0.01	
3/17/2021	<0.01	
8/9/2021	<0.01	
2/2/2022	<0.01	
8/16/2022	<0.01	
2/20/2023	<0.01	
7/28/2023	<0.01	
2/26/2024		<0.01
8/8/2024		<0.01
2/27/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	<0.01	
10/25/2007	<0.01	
11/20/2007	<0.01	
1/23/2008	0.007	
3/11/2008	0.0033	
5/14/2008	0.0043	
12/11/2008	<0.01	
4/23/2009	<0.01	
10/9/2009	0.0043	
5/4/2010	0.0027	
10/11/2010	0.0034	
4/26/2011	<0.01	
10/18/2011	<0.01	
5/2/2012	<0.01	
10/8/2012	<0.01	
4/10/2013	<0.01	
10/8/2013	<0.01	
4/14/2014	0.005 (J)	
10/3/2014	0.0016 (J)	
4/1/2015	0.0021 (J)	
10/9/2015	<0.01	
3/29/2016	<0.01	
8/1/2016	<0.01	
4/6/2017	<0.01	
10/3/2017	<0.01	
3/19/2018	<0.01	
9/17/2018	<0.01	
3/21/2019	<0.01	
9/16/2019	<0.01	
3/12/2020	<0.01	
9/16/2020	<0.01	
3/17/2021	<0.01	
8/10/2021	<0.01	
2/2/2022	<0.01	
8/17/2022	<0.01	
2/17/2023	<0.01	
7/31/2023	<0.01	
2/26/2024		<0.01
8/8/2024		<0.01
2/27/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	<0.01	
4/30/2012	<0.01	
10/3/2012	<0.01	
4/8/2013	<0.01	
10/9/2013	<0.01	
4/10/2014	0.005 (J)	
10/2/2014	<0.01	
4/3/2015	<0.01	
10/8/2015	0.0056	
3/30/2016	<0.01	
8/2/2016	<0.01	
4/6/2017	<0.01	
10/4/2017	<0.01	
3/21/2018	<0.01	
9/18/2018	<0.01	
3/27/2019	<0.01	
9/16/2019	<0.01 (D)	
3/12/2020	<0.01	
9/17/2020	<0.01	
3/17/2021	<0.01	
8/10/2021	<0.01	
2/2/2022	<0.01	
8/17/2022	<0.01	
2/21/2023	<0.01	
7/31/2023	<0.01	
2/27/2024		<0.01
8/12/2024		<0.01
3/4/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	<0.01	
6/18/2015	0.005 (D)	
7/2/2015	<0.01	
10/8/2015	<0.01	
3/22/2016	<0.01	
8/2/2016	<0.01	
4/7/2017	<0.01	
10/3/2017	<0.01	
3/20/2018	<0.01	
9/18/2018	<0.01	
5/6/2019	<0.01	
9/16/2019	<0.01	
3/16/2020	<0.01	
9/17/2020	<0.01	
3/18/2021	<0.01	
8/10/2021	<0.01	
2/2/2022	<0.01	
8/17/2022	<0.01	
2/20/2023	<0.01	
7/31/2023	<0.01	
2/26/2024		<0.01
8/12/2024		<0.01
2/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	<0.01	
11/1/2007	<0.01	
11/19/2007	0.0052	
1/15/2008	0.0065	
3/6/2008	0.0028	
5/13/2008	<0.01	
12/12/2008	<0.01	
4/16/2009	0.0033	
10/13/2009	<0.01	
4/21/2010	<0.01	
9/29/2010	<0.01	
4/13/2011	<0.01	
10/5/2011	<0.01	
4/4/2012	<0.01	
10/8/2012	<0.01	
4/8/2013	<0.01	
10/9/2013	<0.01	
4/9/2014	<0.01	
9/30/2014	<0.01	
4/2/2015	<0.01	
10/10/2015	0.0032 (JD)	
3/30/2016	<0.01	
8/5/2016	<0.01	
4/6/2017	<0.01	
10/3/2017	<0.01	
3/20/2018	<0.01	
9/18/2018	<0.01 (D)	
3/21/2019	<0.01	
9/16/2019	<0.01	
3/12/2020	<0.01	
9/17/2020	<0.01	
3/18/2021	<0.01	
8/10/2021	<0.01	
2/2/2022	<0.01	
8/17/2022	<0.01	
2/21/2023	0.003 (J)	
7/31/2023	<0.01	
2/27/2024		<0.01
8/12/2024		<0.01
2/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
8/23/2007	0.032 (O)	
10/23/2007	0.0099	
11/18/2007	0.0095 (J)	
1/30/2008	0.022 (O)	
3/10/2008	0.014	
5/13/2008	0.0075	
12/5/2008	0.0056 (J)	
4/15/2009	0.0033	
10/7/2009	0.061 (O)	
5/3/2010	0.0033	
10/12/2010	0.0041	
4/27/2011	<0.02	
10/17/2011	0.0046	
5/2/2012	<0.02	
10/8/2012	0.0053	
4/12/2013	0.006	
10/16/2013	0.0048	
4/11/2014	0.0033	
9/30/2014	0.002 (J)	
3/30/2015	0.012	
10/13/2015	0.011	
3/22/2016	0.00346 (J)	
7/29/2016	<0.02	
3/30/2017	<0.02	
10/2/2017	<0.02	
3/16/2018	<0.02	
9/17/2018	<0.02 (D)	
3/20/2019	<0.02	
9/12/2019	0.0047 (J)	
3/11/2020	0.0035 (J)	
9/15/2020	<0.02	
3/16/2021	0.0091 (J)	
8/9/2021	<0.02	
2/1/2022	<0.02	
8/16/2022	<0.02	
2/16/2023	<0.02	
7/27/2023	<0.02	
2/22/2024		<0.02
8/7/2024		<0.02
2/27/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
8/23/2007	0.0033	
10/24/2007	0.043 (O)	
11/18/2007	0.024	
1/31/2008	0.015	
3/11/2008	0.027	
5/6/2008	0.0032	
12/4/2008	0.081 (O)	
4/21/2009	0.0057	
10/7/2009	<0.02	
4/26/2010	<0.02	
10/4/2010	0.0057	
4/13/2011	<0.02	
10/5/2011	<0.02	
4/11/2012	<0.02	
10/9/2012	<0.02	
4/15/2013	0.0038	
10/15/2013	0.0044	
4/22/2014	0.0025 (J)	
9/30/2014	0.00076 (J)	
3/30/2015	0.0024 (J)	
10/13/2015	0.0017 (J)	
3/23/2016	<0.02	
7/29/2016	<0.02	
3/30/2017	<0.02	
10/2/2017	<0.02	
3/19/2018	<0.02	
9/14/2018	<0.02	
3/20/2019	<0.02	
9/12/2019	0.00505 (JD)	
3/11/2020	0.0028 (J)	
9/15/2020	<0.02	
3/17/2021	<0.02	
8/9/2021	<0.02	
2/1/2022	<0.02	
8/16/2022	<0.02	
2/16/2023	<0.02	
7/27/2023	0.011 (J)	
2/22/2024		<0.02
8/7/2024		<0.02
2/27/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
8/23/2007	0.0079	
10/24/2007	<0.02	
11/18/2007	0.015	
1/31/2008	0.063 (O)	
3/10/2008	0.013 (J)	
5/13/2008	0.0072	
12/4/2008	0.011 (J)	
4/21/2009	0.0041	
10/8/2009	<0.02	
4/21/2010	<0.02	
9/28/2010	0.0081	
4/12/2011	0.0025	
10/4/2011	0.0027	
4/3/2012	<0.02	
10/9/2012	0.0064	
4/11/2013	<0.02	
10/16/2013	<0.02	
4/10/2014	0.0026	
9/30/2014	0.0012 (J)	
3/30/2015	0.013	
10/13/2015	0.0043	
3/23/2016	<0.02	
7/29/2016	<0.02	
4/3/2017	<0.02	
10/2/2017	<0.02	
3/16/2018	<0.02	
9/14/2018	<0.02	
3/19/2019	<0.02	
9/13/2019	0.0078 (J)	
3/11/2020	0.0038 (J)	
9/15/2020	<0.02	
3/16/2021	<0.02	
8/9/2021	<0.02	
2/1/2022	<0.02	
8/16/2022	<0.02	
2/16/2023	<0.02	
7/27/2023	<0.02	
2/26/2024		0.055
8/6/2024		<0.02
2/27/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.02 (D)	
7/27/2016	<0.02 (*)	
2/21/2017	0.0049 (J)	
3/27/2017	<0.02 (*)	
9/29/2017	0.0012 (JD)	
3/16/2018	0.0042 (J)	
9/14/2018	<0.02	
3/14/2019	0.0035 (J)	
3/9/2020	0.009 (J)	
9/16/2020	<0.02	
3/16/2021	<0.02	
8/6/2021	<0.02	
2/2/2022	<0.02	
8/16/2022	<0.02	
2/14/2023	<0.02	
7/25/2023	<0.02	
2/19/2024		<0.02
8/1/2024		<0.02
2/26/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.02	
5/11/2016	0.00467 (J)	
7/19/2016	<0.02 (*)	
9/15/2016	0.0044 (J)	
11/2/2016	0.0043 (J)	
1/18/2017	<0.02 (*)	
3/28/2017	<0.02 (*)	
9/26/2017	0.0029 (J)	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/15/2019	0.0023 (J)	
9/9/2019	0.0047 (J)	
3/9/2020	0.0035 (J)	
9/10/2020	<0.02	
3/12/2021	0.0065 (J)	
8/4/2021	<0.02	
1/31/2022	<0.02	
8/10/2022	<0.02	
2/13/2023	<0.02	
7/26/2023	<0.02	
2/19/2024		<0.02
8/1/2024		<0.02
2/25/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
8/23/2007	0.066	
11/2/2007	0.055	
11/18/2007	0.13	
1/31/2008	0.13	
3/11/2008	0.07	
5/14/2008	0.12	
12/5/2008	0.088	
4/15/2009	0.068	
10/8/2009	0.075	
4/28/2010	0.071	
10/6/2010	0.074	
4/21/2011	0.047	
10/13/2011	0.073	
5/1/2012	0.0652	
10/9/2012	0.061	
4/11/2013	0.053	
10/16/2013	0.047	
4/23/2014	0.041	
10/4/2014	0.044 (V)	
3/31/2015	0.12	
10/12/2015	0.053	
3/23/2016	0.0532	
7/29/2016	0.0446	
3/30/2017	0.0479	
10/4/2017	0.0429	
3/19/2018	<0.04	
9/17/2018	0.04	
3/20/2019	0.028	
9/13/2019	0.036	
3/11/2020	0.031	
3/29/2021	<0.02	
8/9/2021	<0.02	
2/2/2022	<0.02	
8/16/2022	<0.02	
2/17/2023	<0.02	
8/1/2023	<0.02	
2/22/2024	<0.02	
8/8/2024	<0.02	
2/26/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.02	
5/11/2016	<0.02	
7/21/2016	<0.02 (*)	
9/15/2016	<0.02	
11/3/2016	<0.02	
1/17/2017	<0.02	
3/24/2017	<0.02 (*)	
9/26/2017	0.0019 (J)	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/13/2019	<0.02	
9/9/2019	0.0058 (J)	
3/9/2020	0.002 (J)	
9/11/2020	<0.02	
3/10/2021	<0.02	
8/4/2021	<0.02	
1/31/2022	<0.02	
8/12/2022	<0.02	
2/13/2023	<0.02	
7/26/2023	<0.02	
2/19/2024		<0.02
8/1/2024		<0.02
2/25/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.02	
5/12/2016	<0.02	
7/20/2016	<0.02	
9/15/2016	0.0027 (J)	
11/3/2016	<0.02	
1/18/2017	<0.02 (*)	
3/24/2017	<0.02 (*)	
9/25/2017	<0.02	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/14/2019	<0.02	
9/10/2019	0.00745 (JD)	
3/6/2020	0.0027 (J)	
9/10/2020	<0.02	
3/11/2021	<0.02	
8/4/2021	<0.02	
1/31/2022	<0.02	
8/11/2022	<0.02	
2/13/2023	<0.02	
7/25/2023	<0.02	
2/19/2024		<0.02
8/1/2024		<0.02
2/25/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	0.00286 (J)	
5/13/2016	<0.02	
7/21/2016	<0.02 (*)	
9/21/2016	<0.02	
11/3/2016	<0.02	
1/17/2017	<0.02	
3/27/2017	<0.02 (*)	
9/25/2017	0.0023 (J)	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/14/2019	0.0021 (J)	
9/10/2019	0.0075 (J)	
3/9/2020	0.0024 (J)	
9/10/2020	<0.02	
3/10/2021	<0.02	
8/4/2021	<0.02	
1/31/2022	<0.02	
8/11/2022	<0.02	
2/13/2023	<0.02	
7/25/2023	<0.02	
2/19/2024		<0.02
8/1/2024		<0.02
2/25/2025		0.0032 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	0.00862 (J)	
5/16/2016	0.00744 (J)	
7/22/2016	<0.02 (*)	
9/19/2016	0.0162	
11/3/2016	0.011	
1/17/2017	0.0104	
3/27/2017	<0.02 (*)	
9/26/2017	0.0094 (J)	
3/14/2018	<0.02	
9/14/2018	<0.02	
3/14/2019	0.01	
9/10/2019	0.014	
3/6/2020	0.012	
9/10/2020	0.0073 (J)	
3/11/2021	0.0089 (J)	
8/4/2021	<0.02	
1/31/2022	<0.02	
8/10/2022	0.0089 (J)	
2/13/2023	0.011 (J)	
7/26/2023	<0.02	
2/20/2024		0.0095 (J)
8/1/2024		0.01 (J)
2/25/2025		0.01 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.0093 (J)	
5/13/2016	0.00336 (J)	
7/19/2016	<0.02 (*)	
9/16/2016	0.0023 (J)	
11/2/2016	0.0047 (J)	
1/18/2017	<0.02	
3/28/2017	<0.02 (*)	
9/22/2017	0.0013 (J)	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/13/2019	0.0022 (J)	
9/11/2019	0.0065 (J)	
3/9/2020	0.002 (J)	
9/11/2020	<0.02	
3/11/2021	<0.02	
8/6/2021	<0.02	
1/31/2022	<0.02	
8/11/2022	<0.02	
2/14/2023	<0.02	
7/25/2023	<0.02	
2/20/2024		<0.02
8/2/2024		<0.02
2/25/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	0.00722 (J)	
5/13/2016	0.00666 (J)	
7/19/2016	<0.02 (*)	
9/16/2016	<0.02	
11/2/2016	0.0057 (J)	
1/18/2017	0.0022 (J)	
3/28/2017	<0.02	
9/22/2017	0.0014 (J)	
3/15/2018	<0.02	
9/12/2018	<0.02	
3/13/2019	0.0023 (J)	
9/11/2019	0.0053 (J)	
3/9/2020	0.0022 (J)	
9/14/2020	<0.02	
3/11/2021	<0.02	
8/5/2021	<0.02	
1/31/2022	<0.02	
8/10/2022	<0.02	
2/13/2023	<0.02	
7/25/2023	<0.02	
2/20/2024		<0.02
8/2/2024		<0.02
2/25/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
4/7/2017	<0.02	
10/3/2017	<0.02 (D)	
3/21/2018	<0.02	
9/18/2018	<0.02	
3/21/2019	0.0034 (JD)	
9/12/2019	0.0072 (JD)	
3/12/2020	0.0027 (J)	
9/17/2020	0.0047 (J)	
3/16/2021	<0.02	
8/10/2021	<0.02	
2/3/2022	<0.02	
8/17/2022	<0.02	
2/17/2023	<0.02	
7/28/2023	<0.02	
2/27/2024		<0.02
8/8/2024		<0.02
2/28/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
12/12/2008	0.048 (O)	
4/23/2009	0.0075	
10/6/2009	0.0075	
4/27/2010	0.0051	
9/30/2010	0.0089	
4/14/2011	0.0043	
10/5/2011	0.0051	
4/11/2012	<0.02	
10/2/2012	0.006	
4/9/2013	0.0034	
10/15/2013	0.0042	
4/10/2014	0.0035	
10/1/2014	0.0019 (J)	
3/30/2015	0.0032	
10/11/2015	0.0048	
3/28/2016	0.00282 (J)	
8/1/2016	<0.02	
4/7/2017	<0.02	
10/2/2017	0.0015 (J)	
3/16/2018	<0.02	
9/17/2018	<0.02	
3/19/2019	<0.02	
9/13/2019	0.0061 (J)	
3/11/2020	0.0025 (J)	
9/16/2020	<0.02	
3/17/2021	<0.02	
8/9/2021	<0.02	
2/1/2022	<0.02	
8/16/2022	<0.02	
2/16/2023	<0.02	
7/28/2023	<0.02	
2/22/2024		<0.02
8/8/2024		<0.02
2/27/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
12/12/2008	0.013 (J)	
4/23/2009	0.075 (O)	
10/6/2009	0.056 (O)	
5/3/2010	0.051 (O)	
10/11/2010	0.016	
4/27/2011	0.025 (O)	
10/19/2011	0.0078	
5/1/2012	0.0134	
10/2/2012	0.012	
4/10/2013	0.018	
10/16/2013	0.015	
4/22/2014	0.015	
10/1/2014	0.0038	
3/30/2015	0.0097	
10/11/2015	0.0024 (J)	
3/28/2016	0.00703 (J)	
8/1/2016	<0.02	
4/3/2017	<0.02	
10/2/2017	0.0016 (J)	
3/16/2018	<0.02	
9/18/2018	<0.02	
3/19/2019	<0.02	
9/12/2019	0.0058 (J)	
3/11/2020	0.0033 (J)	
9/15/2020	<0.02	
3/17/2021	<0.02	
8/9/2021	<0.02	
2/2/2022	<0.02	
8/17/2022	<0.02	
2/16/2023	<0.02	
7/28/2023	<0.02	
2/22/2024		<0.02
8/8/2024		<0.02
2/28/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
8/21/2007	0.031	
11/1/2007	0.0041	
11/20/2007	0.056	
1/30/2008	0.032	
3/6/2008	0.03	
5/12/2008	0.008	
12/13/2008	0.056	
4/29/2009	0.057	
10/20/2009	0.0037	
4/26/2010	<0.02	
9/29/2010	0.012	
4/13/2011	<0.02	
10/5/2011	0.0031	
4/4/2012	<0.02	
10/3/2012	0.0085	
4/3/2013	0.0061	
10/15/2013	0.008	
4/9/2014	0.0048	
10/2/2014	0.0023 (JV)	
4/2/2015	0.0023 (J)	
10/10/2015	0.0024 (J)	
3/31/2016	<0.02	
8/5/2016	<0.02	
4/10/2017	<0.02	
10/4/2017	0.0012 (J)	
3/20/2018	<0.02	
9/18/2018	<0.02	
3/22/2019	<0.02	
9/17/2019	0.0052 (J)	
3/12/2020	0.0024 (J)	
9/17/2020	<0.02	
3/18/2021	<0.02	
8/10/2021	<0.02	
2/4/2022	<0.02	
8/17/2022	<0.02	
2/20/2023	<0.02	
7/31/2023	<0.02	
2/27/2024		<0.02
8/12/2024		<0.02
2/28/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
8/21/2007	0.0066	
11/1/2007	0.0086	
11/20/2007	0.005	
1/30/2008	0.0084	
3/6/2008	0.0073	
5/8/2008	0.0084	
12/14/2008	0.0075 (J)	
4/29/2009	0.0028	
10/21/2009	<0.02	
4/21/2010	<0.02	
9/28/2010	0.005	
4/12/2011	<0.02	
10/4/2011	0.0088	
4/3/2012	<0.02	
10/8/2012	0.0034	
4/3/2013	<0.02	
10/15/2013	0.0027	
4/9/2014	0.0025 (J)	
10/2/2014	0.0027 (V)	
4/2/2015	0.002 (J)	
10/12/2015	<0.02	
3/31/2016	0.00266 (J)	
8/3/2016	<0.02	
4/10/2017	<0.02	
10/4/2017	<0.02	
3/21/2018	<0.02	
9/18/2018	<0.02	
3/22/2019	<0.02	
9/17/2019	0.0048 (J)	
3/12/2020	0.0027 (J)	
9/17/2020	<0.02	
3/18/2021	<0.02	
8/11/2021	<0.02	
2/4/2022	<0.02	
8/18/2022	<0.02	
2/20/2023	<0.02	
7/31/2023	<0.02	
2/27/2024		0.063
8/12/2024		<0.02
3/3/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
8/21/2007	<0.02	
11/1/2007	<0.02	
11/18/2007	<0.02	
1/30/2008	<0.02	
3/5/2008	<0.02	
5/7/2008	0.015	
12/14/2008	0.0086 (J)	
4/29/2009	0.0037	
10/22/2009	<0.02	
4/21/2010	<0.02	
9/28/2010	0.0042	
4/12/2011	<0.02	
10/4/2011	0.012	
4/3/2012	<0.02	
10/3/2012	<0.02	
4/3/2013	<0.02	
10/9/2013	<0.02	
4/2/2014	0.0063	
10/2/2014	0.0023 (J)	
4/1/2015	0.0017 (J)	
10/11/2015	0.0016 (J)	
4/4/2016	<0.02	
8/3/2016	<0.02	
4/10/2017	<0.02	
10/4/2017	0.0014 (J)	
3/21/2018	<0.02	
9/18/2018	<0.02	
3/23/2019	<0.02	
9/17/2019	0.0056 (J)	
3/12/2020	0.0038 (J)	
9/21/2020	<0.02	
3/19/2021	<0.02	
8/11/2021	<0.02	
2/4/2022	<0.02	
8/18/2022	<0.02	
2/20/2023	<0.02	
8/1/2023	<0.02	
2/28/2024		<0.02
8/13/2024		<0.02
3/4/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
8/21/2007	<0.02	
11/1/2007	<0.02	
11/18/2007	<0.02	
1/30/2008	<0.02	
3/6/2008	0.0038	
5/7/2008	<0.02	
12/14/2008	0.0031 (J)	
4/29/2009	0.0031	
10/22/2009	0.0029	
4/21/2010	0.0027	
9/29/2010	<0.02	
4/13/2011	<0.02	
10/4/2011	0.003	
4/4/2012	<0.02	
10/3/2012	0.0029	
4/3/2013	0.0035	
10/9/2013	<0.02	
4/2/2014	0.0033	
10/2/2014	0.0027	
4/1/2015	0.013	
10/11/2015	0.017	
4/4/2016	0.00419 (J)	
8/4/2016	<0.02	
4/10/2017	<0.02	
10/4/2017	0.0014 (J)	
3/22/2018	<0.02	
9/18/2018	<0.02	
3/23/2019	<0.02	
9/17/2019	0.0075 (J)	
3/12/2020	0.0053 (J)	
9/21/2020	0.0037 (J)	
3/19/2021	<0.02	
8/11/2021	<0.02	
2/4/2022	<0.02	
8/18/2022	<0.02	
2/20/2023	<0.02	
8/1/2023	<0.02	
2/28/2024		<0.02
8/12/2024		<0.02
3/3/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
8/21/2007	0.036	
11/1/2007	0.0041	
11/19/2007	0.015	
1/16/2008	0.074	
3/5/2008	0.055	
5/13/2008	0.035	
12/13/2008	0.012 (J)	
4/16/2009	0.053	
10/21/2009	0.0063	
4/27/2010	0.045	
10/5/2010	0.0047	
4/19/2011	0.0068	
10/12/2011	0.0048	
4/24/2012	<0.02	
10/2/2012	<0.02	
4/2/2013	0.0081	
10/9/2013	0.0032	
4/1/2014	0.0025 (J)	
10/2/2014	0.0023 (J)	
4/1/2015	0.0035	
10/14/2015	0.0066	
4/4/2016	0.00858 (J)	
8/3/2016	<0.02	
4/11/2017	<0.02	
10/4/2017	0.0104	
3/22/2018	0.014	
9/18/2018	0.013	
3/23/2019	0.012	
9/17/2019	0.018 (D)	
3/12/2020	0.015	
9/21/2020	0.0065 (J)	
3/19/2021	0.0076 (J)	
8/11/2021	0.011 (J)	
2/2/2022	0.019 (J)	
8/18/2022	0.014 (J)	
2/21/2023	<0.02	
8/1/2023	<0.02	
2/27/2024		0.017 (J)
8/12/2024		0.015 (J)
3/4/2025		0.017 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
8/21/2007	0.0064	
11/1/2007	<0.02	
11/19/2007	0.015	
1/31/2008	0.032 (O)	
3/5/2008	0.0061	
5/12/2008	0.012	
12/13/2008	0.087 (O)	
4/28/2009	0.067 (O)	
10/21/2009	0.025 (O)	
4/28/2010	0.014	
10/5/2010	0.012	
4/19/2011	0.012	
10/18/2011	0.025	
4/25/2012	0.014	
10/2/2012	0.0089	
4/2/2013	0.0082	
10/8/2013	0.015	
4/1/2014	0.0074	
10/1/2014	0.00077 (J)	
4/1/2015	0.0082	
10/15/2015	0.0082	
4/4/2016	0.00818 (J)	
8/4/2016	<0.02	
4/12/2017	<0.02	
10/9/2017	<0.02	
3/21/2018	<0.02	
9/19/2018	<0.02	
3/23/2019	0.021	
9/18/2019	0.007 (J)	
3/13/2020	0.0043 (J)	
9/22/2020	<0.02	
3/18/2021	<0.02	
8/11/2021	<0.02	
2/17/2022	<0.02	
8/18/2022	<0.02	
2/22/2023	<0.02	
8/1/2023	<0.02	
2/27/2024		<0.02
8/12/2024		<0.02
3/3/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
8/21/2007	<0.02	
11/1/2007	0.0038	
11/19/2007	0.0055	
1/31/2008	0.0063	
3/5/2008	0.0037	
5/7/2008	0.0033	
12/12/2008	0.097 (O)	
4/29/2009	0.068 (O)	
10/21/2009	0.011	
4/28/2010	0.048 (O)	
10/6/2010	0.003	
4/20/2011	0.0038	
10/12/2011	0.0027	
4/25/2012	<0.02	
10/2/2012	0.0059	
4/2/2013	0.008	
10/8/2013	0.0062	
4/1/2014	0.0067	
10/1/2014	0.0024 (J)	
3/31/2015	0.0046	
10/14/2015	0.002 (J)	
4/4/2016	<0.02	
4/11/2017	<0.02	
10/6/2017	<0.02	
3/23/2018	<0.02	
9/20/2018	<0.02	
3/22/2019	0.0048 (J)	
9/18/2019	0.0091 (X)	
3/17/2020	0.0057 (J)	
9/22/2020	<0.02	
3/19/2021	<0.02	
8/12/2021	<0.02	
2/4/2022	<0.02	
8/19/2022	<0.02	
2/22/2023	<0.02	
8/2/2023	<0.02	
2/28/2024		<0.02
8/13/2024		<0.02
3/4/2025		0.0025 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
8/24/2007	0.0036 (J)	
11/2/2007	0.0026 (J)	
11/17/2007	0.024 (O)	
1/15/2008	0.0074	
3/5/2008	0.075 (O)	
5/7/2008	0.0088	
12/2/2008	0.11 (O)	
4/16/2009	0.091 (O)	
10/20/2009	0.056 (O)	
4/20/2010	0.014	
9/29/2010	0.015	
4/12/2011	0.0028	
10/4/2011	0.0025	
4/4/2012	0.0105	
10/10/2012	0.0033	
4/15/2013	0.0031	
10/22/2013	<0.02	
4/21/2014	0.0032	
9/30/2014	0.0015 (J)	
4/3/2015	0.0015 (J)	
10/7/2015	<0.02	
4/5/2016	<0.02	
8/9/2016	0.0016 (J)	
4/11/2017	<0.02	
10/5/2017	0.0024 (J)	
3/22/2018	<0.02	
9/19/2018	<0.02	
3/22/2019	<0.02	
9/17/2019	0.0057 (X)	
3/13/2020	0.0028 (J)	
9/21/2020	<0.02	
3/18/2021	<0.02	
8/11/2021	<0.02	
2/4/2022	<0.02	
8/18/2022	<0.02	
2/22/2023	<0.02	
8/1/2023	<0.02	
2/28/2024		<0.02
8/13/2024		<0.02
3/3/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
8/23/2007	0.0038	
11/2/2007	0.0025	
11/17/2007	0.023 (O)	
1/15/2008	0.012	
3/6/2008	0.0069	
5/7/2008	0.007	
12/2/2008	0.021 (O)	
4/28/2009	0.0055	
10/19/2009	0.0051	
4/27/2010	0.0068	
10/4/2010	0.0074	
4/18/2011	0.0031	
10/12/2011	0.0067	
4/23/2012	<0.02	
10/10/2012	0.0046	
4/15/2013	0.006	
10/22/2013	0.0037	
4/21/2014	0.0073	
9/30/2014	0.0027	
4/3/2015	0.0017 (J)	
10/7/2015	0.0042	
4/5/2016	0.00573 (J)	
8/4/2016	<0.02	
4/12/2017	<0.02	
10/6/2017	0.0024 (J)	
3/23/2018	<0.02	
9/19/2018	<0.02	
3/25/2019	0.0039 (J)	
9/17/2019	0.0066 (J)	
3/13/2020	0.0057 (J)	
9/21/2020	0.0036 (J)	
3/18/2021	<0.02	
8/11/2021	<0.02	
2/4/2022	<0.02	
8/19/2022	<0.02	
2/22/2023	<0.02	
8/2/2023	<0.02	
2/28/2024		0.028
8/13/2024		<0.02
3/3/2025		0.0035 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
8/24/2007	0.052 (O)	
11/2/2007	0.01 (J)	
11/18/2007	0.025 (J)	
1/15/2008	0.055 (O)	
3/10/2008	0.018	
5/13/2008	0.0044	
12/2/2008	0.065 (O)	
4/28/2009	0.0037 (J)	
10/20/2009	0.0043	
4/27/2010	<0.02	
10/5/2010	0.0028	
4/19/2011	<0.02	
10/12/2011	<0.02	
4/25/2012	<0.02	
10/10/2012	<0.02	
4/16/2013	0.005	
10/22/2013	0.0028	
4/21/2014	0.0028	
9/30/2014	0.0018 (J)	
4/3/2015	0.0021 (J)	
10/6/2015	<0.02	
4/5/2016	0.00288 (J)	
4/11/2017	<0.02	
10/6/2017	<0.02	
3/23/2018	<0.02	
9/19/2018	<0.02	
3/22/2019	<0.02	
9/17/2019	0.0048 (X)	
3/13/2020	0.0026 (J)	
9/21/2020	<0.02	
3/18/2021	<0.02	
8/11/2021	<0.02	
2/7/2022	<0.02	
8/19/2022	<0.02	
2/22/2023	<0.02	
8/1/2023	<0.02	
2/28/2024		<0.02
8/13/2024		<0.02
3/3/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	0.00424 (J)	
5/16/2016	0.00345 (J)	
7/25/2016	<0.02 (*)	
9/19/2016	0.004 (J)	
11/3/2016	0.0047 (J)	
1/19/2017	0.0035 (J)	
3/28/2017	<0.02 (*)	
9/26/2017	0.0039 (J)	
3/15/2018	<0.02	
9/12/2018	<0.02	
3/14/2019	0.0039 (J)	
9/11/2019	0.0068 (J)	
3/10/2020	0.0049 (J)	
9/15/2020	0.0062 (J)	
3/11/2021	0.004 (J)	
8/4/2021	<0.02	
1/31/2022	<0.02	
8/15/2022	<0.02	
2/14/2023	<0.02	
7/26/2023	<0.02	
2/20/2024		<0.02
8/6/2024		<0.02
2/26/2025		0.004 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	0.00244 (J)	
5/16/2016	<0.02 (D)	
7/25/2016	0.006 (J*D)	
9/19/2016	0.0061 (JD)	
11/4/2016	0.0032 (JD)	
1/23/2017	0.0031 (JD)	
3/29/2017	0.00615 (*JD)	
9/27/2017	0.0048 (J)	
3/15/2018	<0.02	
9/13/2018	<0.02	
3/14/2019	<0.02 (D)	
9/11/2019	0.0065 (JD)	
3/10/2020	0.0031 (J)	
9/11/2020	<0.02	
3/11/2021	<0.02	
8/6/2021	<0.02	
2/1/2022	<0.02	
8/12/2022	<0.02	
2/14/2023	<0.02	
7/26/2023	<0.02	
2/20/2024		<0.02
8/5/2024		<0.02
2/26/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	0.00697 (J)	
5/16/2016	0.00452 (JD)	
7/25/2016	0.0065 (*JD)	
9/19/2016	0.0034 (JD)	
11/3/2016	0.0039 (JD)	
1/20/2017	0.0023 (JD)	
3/29/2017	0.00705 (*JD)	
9/27/2017	0.0036 (J)	
3/15/2018	<0.02	
9/13/2018	<0.02	
3/14/2019	0.0022 (JD)	
9/11/2019	0.0058 (JD)	
3/10/2020	0.0035 (J)	
9/11/2020	<0.02	
3/11/2021	<0.02	
8/6/2021	<0.02	
2/1/2022	<0.02	
8/12/2022	<0.02	
2/14/2023	<0.02	
7/26/2023	<0.02	
2/20/2024		<0.02
8/5/2024		<0.02
2/26/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	0.00337 (J)	
5/17/2016	0.00268 (J)	
7/26/2016	<0.02 (*)	
9/20/2016	0.0058 (J)	
11/4/2016	0.0029 (J)	
1/20/2017	<0.02	
3/28/2017	<0.02 (*)	
9/29/2017	0.0016 (J)	
3/15/2018	<0.02	
9/13/2018	<0.02	
3/18/2019	<0.02	
9/11/2019	0.0055 (J)	
3/10/2020	0.0029 (J)	
9/14/2020	<0.02	
3/11/2021	<0.02	
8/5/2021	<0.02	
1/31/2022	<0.02	
8/15/2022	<0.02	
2/14/2023	<0.02	
7/26/2023	<0.02	
2/21/2024		<0.02
8/5/2024		<0.02
2/26/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	0.027	
5/18/2016	0.0277	
7/27/2016	0.0221	
9/20/2016	0.03	
11/7/2016	0.0202	
1/23/2017	0.0156	
3/29/2017	<0.036 (*)	
9/27/2017	0.0196	
12/28/2017	0.0315 (Y)	
3/15/2018	<0.036	
9/13/2018	0.031	
3/15/2019	0.051	
9/12/2019	0.035	
3/9/2020	0.044	
9/14/2020	0.032	
3/11/2021	0.047	
8/5/2021	0.037	
2/1/2022	0.038	
8/15/2022	0.027 (J)	
2/14/2023	0.05	
7/27/2023	0.049	
2/21/2024		0.06
8/5/2024		0.063
2/26/2025		0.05

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	0.0154	
5/18/2016	0.0136	
7/27/2016	0.0153	
9/20/2016	0.0173	
11/4/2016	0.0149	
1/20/2017	0.0134	
3/29/2017	<0.02 (*)	
9/27/2017	0.0111	
3/16/2018	0.012	
9/13/2018	<0.02	
3/19/2019	0.016	
9/11/2019	0.028	
3/9/2020	0.032	
9/15/2020	0.028	
3/11/2021	0.028	
8/5/2021	0.024	
2/1/2022	0.029	
8/15/2022	0.04	
2/14/2023	0.031	
7/27/2023	0.024	
2/21/2024		<0.02
8/5/2024		0.017 (J)
2/26/2025		0.018 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.00618 (J)	
5/17/2016	0.00672 (J)	
7/27/2016	<0.02 (*)	
9/20/2016	0.0081 (J)	
11/4/2016	0.0071 (J)	
1/23/2017	<0.02	
3/28/2017	<0.02 (*)	
9/29/2017	0.0055 (J)	
3/15/2018	<0.02	
9/13/2018	<0.02	
3/15/2019	0.0058 (J)	
9/11/2019	0.011 (D)	
3/9/2020	0.0079 (J)	
9/14/2020	0.0076 (J)	
3/11/2021	0.0088 (J)	
8/4/2021	<0.02	
1/31/2022	<0.02	
8/15/2022	0.0094 (J)	
2/14/2023	0.011 (J)	
7/26/2023	0.012 (J)	
2/21/2024		0.011 (J)
8/5/2024		0.0099 (J)
2/26/2025		0.016 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.02	
5/18/2016	<0.02	
7/27/2016	<0.02 (*)	
9/21/2016	<0.02	
11/4/2016	<0.02	
1/24/2017	<0.02	
3/29/2017	<0.02 (*)	
9/29/2017	<0.02	
3/15/2018	<0.02	
9/13/2018	<0.02	
3/18/2019	<0.02	
9/11/2019	0.005 (J)	
3/11/2020	0.0036 (J)	
9/11/2020	<0.02	
3/15/2021	<0.02	
8/11/2021	<0.02	
2/1/2022	<0.02	
8/15/2022	<0.02	
2/14/2023	<0.02	
7/27/2023	<0.02	
2/21/2024		<0.02
8/6/2024		<0.02
2/26/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.02	
5/18/2016	0.00208 (J)	
7/28/2016	<0.02 (*)	
9/21/2016	0.0079 (J)	
11/7/2016	<0.02 (*)	
1/24/2017	0.0053 (J)	
3/30/2017	<0.02 (*)	
9/29/2017	0.004 (J)	
3/15/2018	<0.02	
9/14/2018	<0.02	
3/19/2019	0.0034 (J)	
9/11/2019	0.0085 (J)	
3/9/2020	0.0047 (J)	
9/14/2020	0.0042 (J)	
3/15/2021	<0.02	
8/5/2021	<0.02	
2/1/2022	<0.02	
8/15/2022	<0.02	
2/14/2023	<0.02	
7/27/2023	<0.02	
2/21/2024		<0.02
8/6/2024		<0.02
2/26/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
8/23/2007	0.016	
10/25/2007	0.061	
11/19/2007	0.053	
1/23/2008	0.14	
3/11/2008	0.13	
5/12/2008	0.11	
12/11/2008	0.04 (J)	
4/15/2009	0.11	
10/9/2009	0.15	
5/4/2010	0.077	
10/12/2010	0.077	
4/28/2011	0.032	
10/19/2011	0.11	
5/2/2012	0.138	
10/9/2012	0.097	
4/11/2013	0.047	
10/16/2013	0.098	
4/23/2014	0.066	
10/3/2014	0.13 (V)	
3/31/2015	0.05	
10/12/2015	0.048	
3/28/2016	0.0534	
8/1/2016	0.055	
4/3/2017	0.0436	
10/3/2017	0.0393	
3/19/2018	<0.034	
9/17/2018	0.03	
3/20/2019	0.032	
9/16/2019	0.035	
3/16/2020	0.047	
9/16/2020	0.033	
3/17/2021	0.027	
8/9/2021	0.036	
2/2/2022	0.034	
8/16/2022	0.03	
2/20/2023	0.032	
7/28/2023	0.027	
2/26/2024		0.028
8/8/2024		0.026
2/27/2025		0.022

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
8/22/2007	0.04 (O)	
10/25/2007	0.0062	
11/20/2007	0.03 (O)	
1/23/2008	0.048 (O)	
3/11/2008	0.016	
5/14/2008	0.02	
12/11/2008	0.021	
4/23/2009	0.0058 (J)	
10/9/2009	0.055 (O)	
5/4/2010	0.045 (O)	
10/11/2010	0.015	
4/26/2011	0.0067	
10/18/2011	0.0055	
5/2/2012	<0.02	
10/8/2012	0.0043	
4/10/2013	0.0067	
10/8/2013	0.0091	
4/14/2014	0.0063	
10/3/2014	0.0065 (V)	
4/1/2015	0.0059	
10/9/2015	<0.02	
3/29/2016	<0.02	
8/1/2016	<0.02	
4/6/2017	<0.02	
10/3/2017	<0.02	
3/19/2018	<0.02	
9/17/2018	<0.02	
3/21/2019	<0.02	
9/16/2019	0.0058 (J)	
3/12/2020	0.0042 (J)	
9/16/2020	<0.02	
3/17/2021	<0.02	
8/10/2021	<0.02	
2/2/2022	<0.02	
8/17/2022	<0.02	
2/17/2023	<0.02	
7/31/2023	<0.02	
2/26/2024		<0.02
8/8/2024		<0.02
2/27/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
5/26/2015	0.0035	
6/18/2015	0.0025 (D)	
7/2/2015	0.0018 (J)	
10/9/2015	0.0019 (J)	
3/29/2016	0.00345 (J)	
8/1/2016	<0.02	
4/6/2017	<0.02	
10/3/2017	0.0014 (J)	
3/20/2018	<0.02	
9/17/2018	<0.02	
3/21/2019	<0.02	
9/16/2019	0.0057 (J)	
3/12/2020	0.0032 (J)	
9/16/2020	<0.02	
3/17/2021	<0.02	
8/10/2021	<0.02	
2/2/2022	<0.02	
8/17/2022	<0.02	
2/17/2023	<0.02	
7/28/2023	<0.02	
2/26/2024		<0.02
8/8/2024		<0.02
2/27/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
8/2/2016	<0.02	
4/6/2017	<0.02	
10/3/2017	<0.02	
3/20/2018	<0.02	
9/18/2018	<0.02	
3/21/2019	<0.02	
9/13/2019	0.0053 (J)	
3/12/2020	0.0031 (J)	
9/16/2020	<0.02	
3/17/2021	<0.02	
8/10/2021	<0.02	
2/2/2022	<0.02	
8/17/2022	<0.02	
2/20/2023	<0.02	
7/31/2023	<0.02	
2/26/2024		0.066
8/8/2024		<0.02
2/27/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
10/18/2011	0.0032	
4/30/2012	<0.02	
10/3/2012	0.0034	
4/8/2013	0.0039	
10/9/2013	0.0078	
4/10/2014	0.0064	
10/2/2014	0.0009 (JV)	
4/3/2015	<0.02	
10/8/2015	0.013	
3/30/2016	0.00323 (J)	
8/2/2016	<0.02	
4/6/2017	<0.02	
10/4/2017	<0.02	
3/21/2018	<0.02	
9/18/2018	<0.02	
3/27/2019	<0.02	
9/16/2019	0.00525 (JD)	
3/12/2020	0.002 (J)	
9/17/2020	<0.02	
3/17/2021	<0.02	
8/10/2021	<0.02	
2/2/2022	<0.02	
8/17/2022	<0.02	
2/21/2023	<0.02	
7/31/2023	<0.02	
2/27/2024		<0.02
8/12/2024		<0.02
3/4/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
5/26/2015	0.0017 (J)	
6/18/2015	0.0052 (D)	
7/2/2015	0.0027	
10/8/2015	<0.02	
3/22/2016	0.00459 (J)	
8/2/2016	<0.02	
4/7/2017	<0.02	
10/3/2017	0.0022 (J)	
3/20/2018	<0.02	
9/18/2018	<0.02	
5/6/2019	0.0024 (J)	
9/16/2019	0.0065 (J)	
3/16/2020	0.0073 (J)	
9/17/2020	<0.02	
3/18/2021	<0.02	
8/10/2021	<0.02	
2/2/2022	<0.02	
8/17/2022	<0.02	
2/20/2023	<0.02	
7/31/2023	<0.02	
2/26/2024		0.057
8/12/2024		<0.02
2/28/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/23/2025 2:18 PM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
8/23/2007	0.011	
11/1/2007	0.012	
11/19/2007	0.026 (J)	
1/15/2008	0.075 (O)	
3/6/2008	0.051 (O)	
5/13/2008	0.0084	
12/12/2008	0.077 (O)	
4/16/2009	0.064 (O)	
10/13/2009	0.013	
4/21/2010	0.0035	
9/29/2010	0.0085	
4/13/2011	0.0028	
10/5/2011	0.0038	
4/4/2012	0.0126	
10/8/2012	0.0043	
4/8/2013	0.0068	
10/9/2013	0.0082	
4/9/2014	0.0043	
9/30/2014	0.0029	
4/2/2015	0.0056	
10/10/2015	0.0065 (D)	
3/30/2016	0.00487 (J)	
8/5/2016	<0.02	
4/6/2017	<0.02	
10/3/2017	0.0023 (J)	
3/20/2018	<0.02	
9/18/2018	<0.02 (D)	
3/21/2019	0.0024 (J)	
9/16/2019	0.0062 (J)	
3/12/2020	0.0045 (J)	
9/17/2020	<0.02	
3/18/2021	<0.02	
8/10/2021	<0.02	
2/2/2022	<0.02	
8/17/2022	<0.02	
2/21/2023	<0.02	
7/31/2023	<0.02	
2/27/2024		<0.02
8/12/2024		<0.02
2/28/2025		0.0032 (J)

ND substitution: RL or RL/2 if <15% NDs.

FIGURE G.

Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:22 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Nickel (mg/L)	GWC-48	0.024	n/a	2/26/2025	0.0097	No	389	n/a	n/a	63.75	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2

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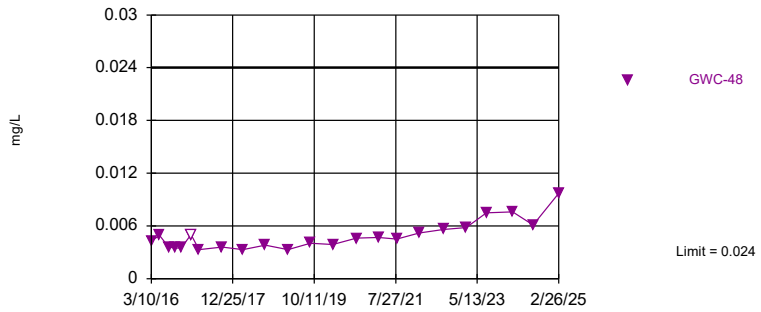
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 389 background values. 63.75% NDs. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Assumes 25 future values.

Constituent: Nickel Analysis Run 6/23/2025 2:20 PM View: Appendix I Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:22 PM View: Appendix I Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50R (bg)	GWA-50 (bg)	GWC-48	GWA-43R (bg)	GWA-43 (bg)	GWA-42 (bg)
8/23/2007	<0.005	<0.005	<0.005						
10/23/2007	0.0096								
10/24/2007		0.0025	0.026 (O)						
11/2/2007									
11/18/2007	0.023	0.0093	0.043 (O)						
1/30/2008	0.11 (O)								
1/31/2008		0.054 (O)	0.0075						
3/10/2008	0.024	0.0054							
3/11/2008			0.019						
5/6/2008			0.004						
5/13/2008	0.006	0.0043							
5/14/2008									
12/4/2008		<0.005	0.02						
12/5/2008	<0.005								
12/12/2008				0.0096	0.0035				
4/15/2009	<0.005								
4/21/2009		<0.005	<0.005						
4/23/2009				0.015	0.0032				
10/6/2009				0.008	<0.005				
10/7/2009	0.0096		<0.005						
10/8/2009		<0.005							
4/21/2010		<0.005							
4/26/2010			<0.005						
4/27/2010					<0.005				
4/28/2010									
5/3/2010	<0.005			0.0053					
9/28/2010		<0.005							
9/30/2010					<0.005				
10/4/2010			0.0025						
10/6/2010									
10/11/2010				0.0061					
10/12/2010	<0.005								
4/12/2011		<0.005							
4/13/2011			<0.005						
4/14/2011					0.0028				
4/21/2011									
4/27/2011	<0.005			0.0087					
10/4/2011		<0.005							
10/5/2011			<0.005		0.0028				
10/13/2011									
10/17/2011	<0.005								
10/19/2011				0.0039					
4/3/2012		<0.005							
4/11/2012			<0.005		<0.005				
5/1/2012				0.0054					
5/2/2012	<0.005								
10/2/2012				0.0044	0.0026				
10/8/2012	<0.005								
10/9/2012		<0.005	<0.005						
4/9/2013					<0.005				
4/10/2013				0.0053					
4/11/2013		<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:22 PM View: Appendix I Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50R (bg)	GWA-50 (bg)	GWC-48	GWA-43R (bg)	GWA-43 (bg)	GWA-42 (bg)
4/12/2013	<0.005								
4/15/2013			<0.005						
10/15/2013			0.0028		<0.005				
10/16/2013	<0.005	<0.005		0.0047					
4/10/2014		<0.005			0.0025 (J)				
4/11/2014	<0.005								
4/22/2014			<0.005	0.0045					
4/23/2014									
9/30/2014	<0.005	<0.005	<0.005						
10/1/2014				0.0018 (J)	<0.005				
10/4/2014									
3/30/2015	0.004	<0.005	0.0018 (J)	0.0037	0.0015 (J)				
3/31/2015									
10/11/2015				0.0018 (J)	0.0013 (J)				
10/12/2015									
10/13/2015	<0.005	<0.005	<0.005						
3/10/2016						0.00432 (J)			
3/11/2016							<0.005	0.00288 (J)	<0.005
3/14/2016									
3/15/2016									
3/22/2016	<0.005								
3/23/2016		<0.005	<0.005						
3/28/2016				0.0028 (J)	<0.005				
5/11/2016									
5/12/2016									
5/13/2016							<0.005	<0.005	
5/16/2016									0.00233 (J)
5/17/2016						0.00489 (J)			
7/19/2016							<0.005	0.0006 (J)	
7/20/2016									
7/21/2016									
7/22/2016									0.0014 (J)
7/27/2016						0.0036 (J)			
7/29/2016	<0.005	<0.005	<0.005						
8/1/2016				<0.005	<0.005				
9/15/2016									
9/16/2016							<0.005	0.0008 (J)	
9/19/2016									0.0014 (J)
9/20/2016						0.0035 (J)			
9/21/2016									
11/2/2016							<0.005	0.0007 (J)	
11/3/2016									0.0013 (J)
11/4/2016						0.0035 (J)			
1/17/2017									0.0011 (J)
1/18/2017							0.0006 (J)	0.0006 (J)	
1/23/2017						<0.005			
2/21/2017									
3/24/2017									
3/27/2017									<0.005 (*)
3/28/2017						0.0033 (J)	<0.005 (*)	<0.005 (*)	
3/30/2017	0.0004 (J)		0.0006 (J)						
4/3/2017		<0.005		0.0022 (J)					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:22 PM View: Appendix I Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50R (bg)	GWA-50 (bg)	GWC-48	GWA-43R (bg)	GWA-43 (bg)	GWA-42 (bg)
4/7/2017					0.0011 (J)				
9/22/2017							<0.005	0.0007 (J)	
9/25/2017									
9/26/2017									0.0011 (J)
9/29/2017						0.0036 (J)			
10/2/2017	<0.005	<0.005	<0.005	0.0021 (J)	0.0013 (J)				
10/3/2017									
10/4/2017									
3/14/2018								<0.005	0.0012 (J)
3/15/2018						0.0033 (J)	<0.005		
3/16/2018	<0.005	<0.005		0.0014 (J)	<0.005				
3/19/2018			<0.005						
3/21/2018									
9/12/2018							<0.005	<0.005	
9/13/2018						0.0038 (J)			
9/14/2018		<0.005	<0.005						0.0012 (J)
9/17/2018	<0.005 (D)				0.00096 (J)				
9/18/2018				0.0012 (J)					
3/13/2019							<0.005	<0.005	
3/14/2019									0.0015 (J)
3/15/2019						0.0033 (J)			
3/19/2019		<0.005		0.0016 (J)	<0.005				
3/20/2019	<0.005		<0.005						
3/21/2019									
9/9/2019									
9/10/2019									0.0012 (J)
9/11/2019						0.00405 (JD)	<0.005	0.00082 (J)	
9/12/2019	0.00038 (J)		0.00518 (JD)	0.0015 (J)					
9/13/2019		<0.005			0.00063 (J)				
3/6/2020									0.0015 (J)
3/9/2020						0.0039 (J)	<0.005	0.00082 (J)	
3/11/2020	0.00068 (J)	0.002 (J)	0.0014 (J)	0.001 (J)	0.00084 (J)				
3/12/2020									
9/10/2020									0.0011 (J)
9/11/2020								0.00089 (J)	
9/14/2020						0.0046 (J)	<0.005		
9/15/2020	<0.005	0.0013 (J)	<0.005	0.0012 (J)					
9/16/2020					<0.005				
9/17/2020									
3/10/2021									
3/11/2021						0.0047 (J)	<0.005	<0.005	0.0011 (J)
3/12/2021									
3/16/2021	<0.005	<0.005							
3/17/2021			<0.005	0.0012 (J)	<0.005				
3/29/2021									
8/4/2021						0.0045 (J)			0.0011 (J)
8/5/2021							<0.005		
8/6/2021								0.00084 (J)	
8/9/2021	<0.005	0.00081 (J)	<0.005	0.00097 (J)	0.00077 (J)				
8/10/2021									
1/31/2022						0.0052	<0.005	0.00077 (J)	0.0011 (J)
2/1/2022	<0.005	<0.005	<0.005		0.0008 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:22 PM View: Appendix I Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50R (bg)	GWA-50 (bg)	GWC-48	GWA-43R (bg)	GWA-43 (bg)	GWA-42 (bg)
2/2/2022				0.00089 (J)					
2/3/2022									
8/10/2022							<0.005		0.0016 (J)
8/11/2022								<0.005	
8/12/2022									
8/15/2022						0.0056			
8/16/2022	<0.005	<0.005	<0.005		0.00071 (J)				
8/17/2022				0.0011 (J)					
2/13/2023							<0.005		0.0013 (J)
2/14/2023						0.0058		<0.005	
2/16/2023	<0.005	<0.005	<0.005	0.00081 (J)	0.00082 (J)				
2/17/2023									
7/25/2023							<0.005	<0.005	
7/26/2023						0.0075			0.0015 (J)
7/27/2023	<0.005	<0.005	<0.005						
7/28/2023				0.00092 (J)	0.00094 (J)				
8/1/2023									
2/19/2024									
2/20/2024							<0.005	<0.005	<0.005
2/21/2024						0.0076			
2/22/2024	<0.005		<0.005	<0.005	<0.005				
2/26/2024		<0.005							
2/27/2024									
8/1/2024									<0.005
8/2/2024							<0.005	<0.005	
8/5/2024						0.0061			
8/6/2024		<0.005							
8/7/2024	<0.005		<0.005						
8/8/2024				<0.005	<0.005				
2/25/2025							<0.005	<0.005	0.0015 (J)
2/26/2025						0.0097			
2/27/2025	<0.005	<0.005	<0.005		<0.005				
2/28/2025				<0.005					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:22 PM View: Appendix I Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)	GWA-3A (bg)
8/23/2007							0.028
10/23/2007							
10/24/2007							
11/2/2007							0.041
11/18/2007							0.14 (O)
1/30/2008							
1/31/2008							0.053
3/10/2008							
3/11/2008							0.076 (o)
5/6/2008							
5/13/2008							
5/14/2008							0.074 (o)
12/4/2008							
12/5/2008							0.032
12/12/2008							
4/15/2009							0.028
4/21/2009							
4/23/2009							
10/6/2009							
10/7/2009							
10/8/2009							0.032
4/21/2010							
4/26/2010							
4/27/2010							
4/28/2010							0.029
5/3/2010							
9/28/2010							
9/30/2010							
10/4/2010							
10/6/2010							0.031
10/11/2010							
10/12/2010							
4/12/2011							
4/13/2011							
4/14/2011							
4/21/2011							0.019
4/27/2011							
10/4/2011							
10/5/2011							
10/13/2011							0.028
10/17/2011							
10/19/2011							
4/3/2012							
4/11/2012							
5/1/2012							0.0253
5/2/2012							
10/2/2012							
10/8/2012							
10/9/2012							0.023
4/9/2013							
4/10/2013							
4/11/2013							0.021

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:22 PM View: Appendix I Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)	GWA-3A (bg)
4/12/2013							
4/15/2013							
10/15/2013							
10/16/2013							0.018
4/10/2014							
4/11/2014							
4/22/2014							
4/23/2014							0.015
9/30/2014							
10/1/2014							
10/4/2014							0.017
3/30/2015							
3/31/2015							0.045
10/11/2015							
10/12/2015							0.019
10/13/2015							
3/10/2016							
3/11/2016							
3/14/2016	0.00544 (J)						
3/15/2016		<0.005	<0.005	<0.005			
3/22/2016							
3/23/2016							0.019
3/28/2016							
5/11/2016	0.0149		<0.005				
5/12/2016				<0.005			
5/13/2016		<0.005					
5/16/2016					0.0136 (D)		
5/17/2016							
7/19/2016	0.0044 (J)						
7/20/2016				0.0006 (J)			
7/21/2016		0.0009 (J)	<0.005				
7/22/2016							
7/27/2016					0.0224 (D)		
7/29/2016							0.0161
8/1/2016							
9/15/2016	0.0047 (J)		<0.005	0.0009 (J)			
9/16/2016							
9/19/2016							
9/20/2016							
9/21/2016		<0.005					
11/2/2016	0.0025 (J)						
11/3/2016		<0.005	<0.005	0.0011 (J)			
11/4/2016							
1/17/2017		<0.005	<0.005				
1/18/2017	0.004 (J)			0.0007 (J)			
1/23/2017							
2/21/2017					0.0007 (J)		
3/24/2017			<0.005 (*)	<0.005 (*)			
3/27/2017		<0.005 (*)			<0.005 (D)		
3/28/2017	0.0034 (J)						
3/30/2017							0.018
4/3/2017							

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:22 PM View: Appendix I Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)	GWA-3A (bg)
4/7/2017						<0.005	
9/22/2017							
9/25/2017		0.0012 (J)		<0.005			
9/26/2017	0.0016 (J)		<0.005				
9/29/2017					<0.005 (D)		
10/2/2017							
10/3/2017						<0.005 (D)	
10/4/2017							0.0158
3/14/2018	<0.005	0.0014 (J)	<0.005	<0.005			
3/15/2018							
3/16/2018					<0.005		
3/19/2018							0.015
3/21/2018						<0.005	
9/12/2018	<0.005	0.0011 (J)	<0.005	<0.005			
9/13/2018							
9/14/2018					<0.005		
9/17/2018							0.014
9/18/2018						<0.005	
3/13/2019			<0.005				
3/14/2019		0.001 (J)		<0.005	0.0017 (J)		
3/15/2019	<0.005						
3/19/2019							
3/20/2019							0.01
3/21/2019						<0.005 (D)	
9/9/2019	0.0014 (J)		<0.005				
9/10/2019		0.00084 (J)		0.0004 (JD)			
9/11/2019							
9/12/2019						0.00032 (JD)	
9/13/2019							0.012
3/6/2020				0.0089 (J)			
3/9/2020	0.04 (o)	0.00036 (J)	<0.005		0.00083 (J)		
3/11/2020							0.012
3/12/2020						0.00034 (J)	
9/10/2020	<0.005	<0.005		<0.005			
9/11/2020			<0.005				
9/14/2020							
9/15/2020							
9/16/2020					<0.005		
9/17/2020						<0.005	
3/10/2021		<0.005	<0.005				
3/11/2021				<0.005			
3/12/2021	0.0015 (J)						
3/16/2021					<0.005	<0.005	
3/17/2021							
3/29/2021							<0.005
8/4/2021	<0.005	<0.005	<0.005	<0.005			
8/5/2021							
8/6/2021					<0.005		
8/9/2021							<0.005
8/10/2021						<0.005	
1/31/2022	<0.005	0.00091 (J)	<0.005	<0.005			
2/1/2022							

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/23/2025 2:22 PM View: Appendix I Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)	GWA-3A (bg)
2/2/2022					<0.005		<0.005
2/3/2022						<0.005	
8/10/2022	<0.005						
8/11/2022		<0.005		0.00083 (J)			
8/12/2022			<0.005				
8/15/2022							
8/16/2022					<0.005		<0.005
8/17/2022						<0.005	
2/13/2023	0.00095 (J)	<0.005	<0.005	<0.005			
2/14/2023					<0.005		
2/16/2023							
2/17/2023						<0.005	<0.005
7/25/2023		<0.005		0.00073 (J)	<0.005		
7/26/2023	0.0013 (J)		<0.005				
7/27/2023							
7/28/2023						<0.005	
8/1/2023							<0.005
2/19/2024	<0.005	<0.005	<0.005	<0.005	<0.005		
2/20/2024							
2/21/2024							
2/22/2024							<0.005
2/26/2024							
2/27/2024						<0.005	
8/1/2024	<0.005	<0.005	<0.005	<0.005	<0.005		
8/2/2024							
8/5/2024							
8/6/2024							
8/7/2024							
8/8/2024						<0.005	<0.005
2/25/2025	<0.005	0.0016 (J)	<0.005	<0.005			
2/26/2025					<0.005		<0.005
2/27/2025							
2/28/2025						<0.005	

ND substitution: RL or RL/2 if <15% NDs.

FIGURE H.

Appendix I Interwell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	**GWC-48**	**0.0005**	**n/a**	**2/26/2025**	**0.00062**	**Yes**	**472**	**n/a**	**n/a**	**95.97**	**n/a**	**n/a**	**0.00004896**	**NP Inter (NDs) 1 of 2**

Appendix I Interwell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	GWC-10	0.003	n/a	2/28/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-11	0.003	n/a	3/4/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-13	0.003	n/a	3/3/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-14Z	0.003	n/a	3/3/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-44	0.003	n/a	2/26/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-45R	0.003	n/a	2/26/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-47	0.003	n/a	2/26/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-47R	0.003	n/a	2/26/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-48	0.003	n/a	2/26/2025	0.00044J	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-5	0.003	n/a	2/27/2025	0.00053	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-6	0.003	n/a	2/27/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-6RZ	0.003	n/a	2/27/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-8RR	0.003	n/a	3/4/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-8Z	0.003	n/a	2/28/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Beryllium (mg/L)	GWC-9	0.003	n/a	2/28/2025	0.003ND	No	376	n/a	n/a	92.02	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.0005	n/a	2/28/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-10R	0.0005	n/a	3/3/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.0005	n/a	3/4/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-11R	0.0005	n/a	3/3/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-12	0.0005	n/a	3/4/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0005	n/a	3/3/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-13RZ	0.0005	n/a	3/4/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-15R	0.0005	n/a	3/3/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-15Z	0.0005	n/a	3/3/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-44	0.0005	n/a	2/26/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-45	0.0005	n/a	2/26/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-45R	0.0005	n/a	2/26/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-46R	0.0005	n/a	2/26/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-47	0.0005	n/a	2/26/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-47R	0.0005	n/a	2/26/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	**GWC-48**	**0.0005**	**n/a**	**2/26/2025**	**0.00062**	**Yes**	**472**	**n/a**	**n/a**	**95.97**	**n/a**	**n/a**	**0.00004896**	**NP Inter (NDs) 1 of 2**
Mercury (mg/L)	GWC-49R	0.0005	n/a	2/26/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-49Z	0.0005	n/a	2/26/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0005	n/a	2/27/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0005	n/a	2/27/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Mercury (mg/L)	GWC-8RR	0.0005	n/a	3/4/2025	0.0005ND	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-10R	0.001	n/a	3/3/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-11R	0.001	n/a	3/3/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-13RZ	0.001	n/a	3/4/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-15Z	0.001	n/a	3/3/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-44	0.001	n/a	2/26/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-46R	0.001	n/a	2/26/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-47	0.001	n/a	2/26/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-47R	0.001	n/a	2/26/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-48	0.001	n/a	2/26/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-49R	0.001	n/a	2/26/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-49Z	0.001	n/a	2/26/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-5	0.001	n/a	2/27/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-6	0.001	n/a	2/27/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-7Z	0.001	n/a	2/27/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2
Thallium (mg/L)	GWC-8Z	0.001	n/a	2/28/2025	0.001ND	No	365	n/a	n/a	96.44	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2

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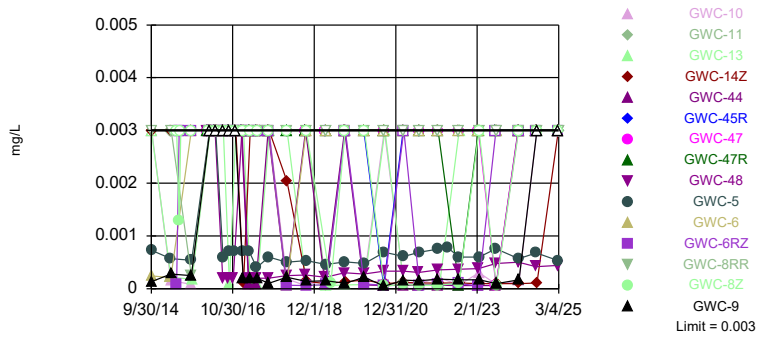
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 376 background values. 92.02% NDs. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Comparing 15 points to limit. Assumes 11 future values.

Constituent: Beryllium Analysis Run 6/23/2025 2:23 PM View: Appendix I Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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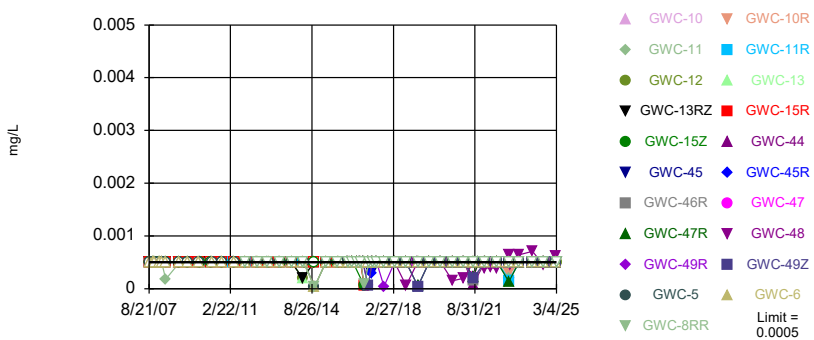
Hollow symbols indicate censored values.

Exceeds Limit: GWC-48

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 472 background values. 95.97% NDs. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Comparing 21 points to limit. Assumes 5 future values.

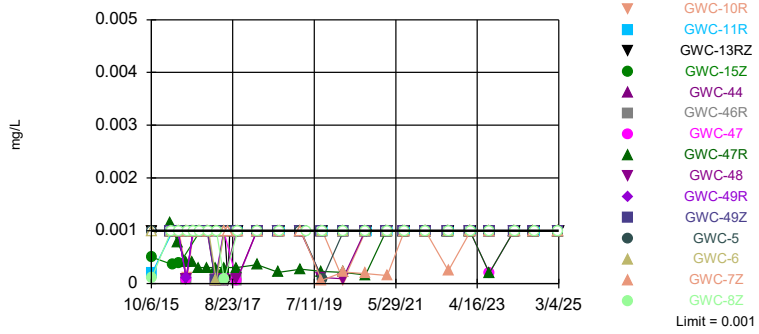
Constituent: Mercury Analysis Run 6/23/2025 2:23 PM View: Appendix I Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 365 background values. 96.44% NDs. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Comparing 15 points to limit. Assumes 11 future values.

Constituent: Thallium Analysis Run 6/23/2025 2:23 PM View: Appendix I Interwell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWC-14Z	GWC-9	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWC-13	GWA-50 (bg)	GWC-10
9/30/2014	<0.003	<0.003	0.00013 (J)	<0.003	<0.003				
10/1/2014						<0.003	<0.003	<0.003	
10/2/2014									<0.003
10/3/2014									
10/4/2014									
3/30/2015	0.00029 (J)			<0.003	<0.003	0.0002 (J)		<0.003	
3/31/2015									
4/1/2015							0.00022 (J)		
4/2/2015			0.00028 (J)						0.00015 (J)
4/3/2015		<0.003							
5/26/2015									
6/18/2015									
7/2/2015									
10/7/2015		<0.003							
10/8/2015									
10/9/2015									
10/10/2015			0.000245 (JD)						8.5E-05 (J)
10/11/2015						<0.003		<0.003	
10/12/2015									
10/13/2015	<0.003			<0.003	<0.003				
10/15/2015							0.00018 (J)		
3/10/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/16/2016									
3/22/2016	<0.003								
3/23/2016				<0.003	<0.003				
3/28/2016						<0.003		<0.003	
3/29/2016									
3/30/2016			<0.003						
3/31/2016									<0.003
4/4/2016							<0.003		
4/5/2016		<0.003							
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/17/2016									
5/18/2016									
5/19/2016	<0.003				<0.003				
5/20/2016				<0.003					
5/23/2016								<0.003	
5/24/2016									
5/25/2016						<0.003			
5/26/2016			<0.003						<0.003
5/31/2016							<0.003		
6/1/2016		<0.003							
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWC-14Z	GWC-9	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWC-13	GWA-50 (bg)	GWC-10
7/25/2016									
7/27/2016									
7/29/2016	<0.003			<0.003	<0.003				
8/1/2016						<0.003		<0.003	
8/2/2016									
8/3/2016									
8/4/2016							<0.003		
8/5/2016			<0.003						<0.003
8/9/2016		<0.003							
9/15/2016									
9/16/2016									
9/19/2016									
9/20/2016									
9/21/2016									
9/22/2016					<0.003				
9/23/2016	<0.003			<0.003					
9/26/2016						<0.003		<0.003	
9/27/2016									
9/28/2016			<0.003						<0.003
9/29/2016							9E-05 (J)		
11/2/2016									
11/3/2016									
11/4/2016									
11/7/2016									
11/9/2016	<0.003			<0.003					
11/10/2016					<0.003			<0.003	
11/11/2016						<0.003			
11/14/2016									
11/18/2016									
11/21/2016			<0.003						
11/22/2016									<0.003
11/28/2016		<0.003					<0.003		
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017									
1/23/2017									
1/30/2017	<0.003					<0.003		<0.003	
1/31/2017				<0.003	<0.003				
2/1/2017									
2/3/2017									
2/6/2017			0.0002 (J)						
2/7/2017									<0.003
2/8/2017									
2/9/2017		0.0001 (J)					<0.003		
2/21/2017									
2/22/2017									
3/24/2017									
3/27/2017									
3/28/2017									
3/29/2017									
3/30/2017	<0.003			<0.003					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWC-14Z	GWC-9	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWC-13	GWA-50 (bg)	GWC-10
4/3/2017					<0.003	<0.003			
4/6/2017			0.0002 (J)						
4/7/2017								<0.003	
4/10/2017									<0.003
4/11/2017		<0.003							
4/12/2017							0.0001 (J)		
5/24/2017									
6/5/2017									
6/6/2017									
6/7/2017									
6/8/2017									
6/9/2017	<0.003				<0.003				
6/12/2017				<0.003		<0.003		<0.003	
6/13/2017			0.0002 (J)						
6/14/2017		<0.003							<0.003
6/15/2017									
6/16/2017							9E-05 (J)		
7/12/2017		<0.003							
7/17/2017									
7/20/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/24/2017									
9/22/2017									
9/25/2017									
9/26/2017									
9/27/2017									
9/29/2017									
10/2/2017	<0.003			<0.003	<0.003	<0.003		<0.003	
10/3/2017			0.0001 (J)						
10/4/2017									<0.003
10/5/2017		<0.003							
10/9/2017							<0.003		
3/14/2018									
3/15/2018									
3/16/2018	<0.003				<0.003	<0.003		<0.003	
3/19/2018				<0.003					
3/20/2018			0.00022 (J)						0.00019 (J)
3/21/2018							<0.003		
3/22/2018		0.00203 (JD)							
9/12/2018									
9/13/2018									
9/14/2018				<0.003	<0.003				
9/17/2018	<0.003 (D)							<0.003	
9/18/2018			0.00014 (JD)			<0.003			5.4E-05 (J)
9/19/2018		0.00014 (J)					7E-05 (J)		
3/13/2019									
3/14/2019									
3/15/2019									
3/19/2019					<0.003	<0.003		<0.003	
3/20/2019	<0.003			<0.003					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWC-14Z	GWC-9	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWC-13	GWA-50 (bg)	GWC-10
3/21/2019			0.00015 (J)						
3/22/2019		9.4E-05 (J)							0.00018 (J)
3/23/2019							6.1E-05 (J)		
3/27/2019									
5/6/2019									
9/9/2019									
9/10/2019									
9/11/2019									
9/12/2019	<0.003			<0.003 (D)		<0.003			
9/13/2019					<0.003			<0.003	
9/16/2019			0.0001 (J)						
9/17/2019		0.00013 (X)							<0.003
9/18/2019							7.4E-05 (J)		
3/6/2020									
3/9/2020									
3/10/2020									
3/11/2020	<0.003			<0.003	<0.003	<0.003		<0.003	
3/12/2020			0.00022 (J)						0.00017 (J)
3/13/2020		0.00016 (J)					8E-05 (J)		
3/16/2020									
9/10/2020									
9/11/2020									
9/14/2020									
9/15/2020	<0.003			<0.003	<0.003	8.5E-05 (J)			
9/16/2020								<0.003	
9/17/2020			4.8E-05 (J)						<0.003
9/21/2020		9.5E-05 (J)							
9/22/2020							<0.003		
3/10/2021									
3/11/2021									
3/12/2021									
3/16/2021	<0.003				<0.003				
3/17/2021				<0.003		<0.003		<0.003	
3/18/2021		0.00012 (J)	0.00016 (J)				7E-05 (J)		0.0001 (J)
3/19/2021									
3/29/2021									
8/4/2021									
8/5/2021									
8/6/2021									
8/9/2021	<0.003			<0.003	<0.003	<0.003		<0.003	
8/10/2021			0.00015 (J)						9.4E-05 (J)
8/11/2021		0.00011 (J)					7.4E-05 (J)		
1/31/2022									
2/1/2022	<0.003			<0.003	<0.003			<0.003	
2/2/2022			0.00018 (J)			5.5E-05 (J)			
2/3/2022									
2/4/2022		0.00011 (J)							0.00021 (J)
2/17/2022							8.9E-05 (J)		
4/28/2022									
8/10/2022									
8/11/2022									
8/12/2022									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWC-14Z	GWC-9	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWC-13	GWA-50 (bg)	GWC-10
8/15/2022									
8/16/2022	<0.003			<0.003	<0.003			<0.003	
8/17/2022			0.00017 (J)			<0.003			7E-05 (J)
8/18/2022		0.00011 (J)					<0.003		
2/13/2023									
2/14/2023									
2/16/2023	<0.003			<0.003	<0.003	<0.003		<0.003	
2/17/2023									
2/20/2023									0.0003 (J)
2/21/2023			0.00017 (J)						
2/22/2023		9.4E-05 (J)					<0.003		
7/25/2023									
7/26/2023									
7/27/2023	<0.003			<0.003	<0.003				
7/28/2023						<0.003		<0.003	
7/31/2023			9.7E-05 (J)						8.3E-05 (J)
8/1/2023		9.4E-05 (J)					<0.003		
2/19/2024									
2/20/2024									
2/21/2024									
2/22/2024	<0.003			<0.003		<0.003		<0.003	
2/26/2024					<0.003				
2/27/2024			0.00017 (J)				<0.003		0.00014 (J)
2/28/2024		9.9E-05 (J)							
8/1/2024									
8/2/2024									
8/5/2024									
8/6/2024					<0.003				
8/7/2024	<0.003			<0.003					
8/8/2024						<0.003		<0.003	
8/12/2024			<0.003				<0.003		<0.003
8/13/2024		0.00011 (J)							
2/25/2025									
2/26/2025									
2/27/2025	<0.003			<0.003	<0.003			<0.003	
2/28/2025			<0.003			<0.003			<0.003
3/3/2025		<0.003					<0.003		
3/4/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-8RR	GWC-6	GWC-5	GWA-3A (bg)	GWC-6RZ	GWC-8Z	GWC-47R	GWC-47
9/30/2014									
10/1/2014									
10/2/2014	<0.003	<0.003							
10/3/2014			0.00024 (J)	0.00073 (J)					
10/4/2014					<0.003				
3/30/2015									
3/31/2015				0.00057 (J)	<0.003				
4/1/2015	<0.003		0.00021 (J)						
4/2/2015									
4/3/2015		<0.003							
5/26/2015						8.8E-05 (J)	<0.003		
6/18/2015						<0.003 (D)	0.0013 (D)		
7/2/2015						<0.003	<0.003		
10/7/2015									
10/8/2015		0.00025 (J)					<0.003		
10/9/2015			<0.003			<0.003			
10/10/2015									
10/11/2015	<0.003								
10/12/2015				0.00054 (J)	<0.003				
10/13/2015									
10/15/2015									
3/10/2016								<0.003	<0.003
3/11/2016									
3/14/2016									
3/15/2016									
3/16/2016									
3/22/2016							<0.003		
3/23/2016					<0.003				
3/28/2016				<0.003					
3/29/2016			<0.003			<0.003			
3/30/2016		<0.003							
3/31/2016									
4/4/2016	<0.003								
4/5/2016									
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/17/2016									
5/18/2016								<0.003	<0.003
5/19/2016									
5/20/2016									
5/23/2016					<0.003				
5/24/2016		<0.003	<0.003			<0.003			
5/25/2016				<0.003			<0.003		
5/26/2016	<0.003								
5/31/2016									
6/1/2016									
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-8RR	GWC-6	GWC-5	GWA-3A (bg)	GWC-6RZ	GWC-8Z	GWC-47R	GWC-47
7/25/2016									
7/27/2016								<0.003	<0.003
7/29/2016					<0.003				
8/1/2016			<0.003	0.0006 (J)		<0.003			
8/2/2016		<0.003					<0.003		
8/3/2016	<0.003								
8/4/2016									
8/5/2016									
8/9/2016									
9/15/2016									
9/16/2016									
9/19/2016									
9/20/2016								<0.003	<0.003
9/21/2016									
9/22/2016					<0.003				
9/23/2016									
9/26/2016			<0.003			<0.003	<0.003		
9/27/2016		<0.003		0.0007 (J)					
9/28/2016	<0.003								
9/29/2016									
11/2/2016									
11/3/2016									
11/4/2016								<0.003	
11/7/2016									<0.003
11/9/2016									
11/10/2016					<0.003				
11/11/2016				0.0007 (J)					
11/14/2016						<0.003			
11/18/2016			<0.003						
11/21/2016							<0.003		
11/22/2016	<0.003	<0.003							
11/28/2016									
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017								<0.003	
1/23/2017									<0.003
1/30/2017									
1/31/2017				0.0007 (J)	<0.003				
2/1/2017			<0.003			<0.003			
2/3/2017							<0.003		
2/6/2017		<0.003							
2/7/2017									
2/8/2017	<0.003								
2/9/2017									
2/21/2017									
2/22/2017									
3/24/2017									
3/27/2017									
3/28/2017									
3/29/2017								<0.003	<0.003
3/30/2017					<0.003				

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-8RR	GWC-6	GWC-5	GWA-3A (bg)	GWC-6RZ	GWC-8Z	GWC-47R	GWC-47
4/3/2017				0.0007 (J)					
4/6/2017		<0.003	<0.003			<0.003			
4/7/2017							<0.003		
4/10/2017	<0.003								
4/11/2017									
4/12/2017									
5/24/2017									
6/5/2017									
6/6/2017									
6/7/2017									
6/8/2017								<0.003	<0.003
6/9/2017									
6/12/2017				0.0004 (J)	<0.003				
6/13/2017			<0.003			<0.003	<0.003		
6/14/2017		<0.003							
6/15/2017	<0.003								
6/16/2017									
7/12/2017									
7/17/2017									
7/20/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/24/2017									
9/22/2017									
9/25/2017									
9/26/2017									
9/27/2017								<0.003	<0.003
9/29/2017									
10/2/2017									
10/3/2017			<0.003	0.0006 (J)		<0.003	<0.003		
10/4/2017	<0.003	<0.003			<0.003				
10/5/2017									
10/9/2017									
3/14/2018									
3/15/2018									<0.003
3/16/2018								<0.003	
3/19/2018			6.6E-05 (J)	0.0005 (J)	<0.003				
3/20/2018						6.8E-05 (J)	<0.003		
3/21/2018	<0.003	<0.003							
3/22/2018									
9/12/2018									
9/13/2018								<0.003	<0.003
9/14/2018									
9/17/2018			<0.003	0.00053 (J)	<0.003	5.8E-05 (J)			
9/18/2018	<0.003	<0.003					<0.003		
9/19/2018									
3/13/2019									
3/14/2019									
3/15/2019									<0.003
3/19/2019								<0.003	
3/20/2019				0.00046 (J)	<0.003				

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-8RR	GWC-6	GWC-5	GWA-3A (bg)	GWC-6RZ	GWC-8Z	GWC-47R	GWC-47
3/21/2019			<0.003			7.6E-05 (J)			
3/22/2019									
3/23/2019	5.7E-05 (J)								
3/27/2019		<0.003							
5/6/2019							0.0001 (J)		
9/9/2019									
9/10/2019									
9/11/2019								<0.003	
9/12/2019									<0.003
9/13/2019					<0.003				
9/16/2019		<0.003 (D)	<0.003	0.00051 (J)		<0.003	<0.003		
9/17/2019	<0.003								
9/18/2019									
3/6/2020									
3/9/2020								<0.003	<0.003
3/10/2020									
3/11/2020					<0.003				
3/12/2020	<0.003	<0.003	<0.003			9.3E-05 (J)			
3/13/2020									
3/16/2020				0.00048 (J)			<0.003		
9/10/2020									
9/11/2020									
9/14/2020									<0.003
9/15/2020								<0.003	
9/16/2020			<0.003	0.00069 (J)		6.7E-05 (J)			
9/17/2020		<0.003					4.9E-05 (J)		
9/21/2020	<0.003								
9/22/2020									
3/10/2021									
3/11/2021								<0.003	<0.003
3/12/2021									
3/16/2021									
3/17/2021		<0.003	<0.003	0.00061		<0.003			
3/18/2021							8.5E-05 (J)		
3/19/2021	<0.003								
3/29/2021					<0.003				
8/4/2021									
8/5/2021								<0.003	<0.003
8/6/2021									
8/9/2021				0.00069	<0.003				
8/10/2021		<0.003	<0.003			6.1E-05 (J)	6.2E-05 (J)		
8/11/2021	<0.003								
1/31/2022									
2/1/2022								<0.003	<0.003
2/2/2022		<0.003	<0.003	0.00075	<0.003	7E-05 (J)	6.4E-05 (J)		
2/3/2022									
2/4/2022	<0.003								
2/17/2022									
4/28/2022				0.00078					
8/10/2022									
8/11/2022									
8/12/2022									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-8RR	GWC-6	GWC-5	GWA-3A (bg)	GWC-6RZ	GWC-8Z	GWC-47R	GWC-47
8/15/2022								6.5E-05 (J)	<0.003
8/16/2022				0.0006	<0.003				
8/17/2022		<0.003	<0.003			9.8E-05 (J)	0.0001 (J)		
8/18/2022	<0.003								
2/13/2023									
2/14/2023								<0.003	<0.003
2/16/2023									
2/17/2023			<0.003		<0.003	5.4E-05 (J)			
2/20/2023	<0.003			0.0006			<0.003		
2/21/2023		<0.003							
2/22/2023									
7/25/2023									
7/26/2023									
7/27/2023								<0.003	5.9E-05 (J)
7/28/2023				0.00076		<0.003			
7/31/2023		<0.003	<0.003				5.6E-05 (J)		
8/1/2023	<0.003				<0.003				
2/19/2024									
2/20/2024									
2/21/2024								<0.003	<0.003
2/22/2024					<0.003				
2/26/2024			<0.003	0.00057		<0.003	<0.003		
2/27/2024		<0.003							
2/28/2024	<0.003								
8/1/2024									
8/2/2024									
8/5/2024								<0.003	<0.003
8/6/2024									
8/7/2024									
8/8/2024			<0.003	0.00068	<0.003	<0.003			
8/12/2024		<0.003					<0.003		
8/13/2024	<0.003								
2/25/2025									
2/26/2025					<0.003			<0.003	<0.003
2/27/2025			<0.003	0.00053		<0.003			
2/28/2025							<0.003		
3/3/2025									
3/4/2025	<0.003	<0.003							

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWA-43 (bg)	GWA-43R (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)	GWC-44
9/30/2014									
10/1/2014									
10/2/2014									
10/3/2014									
10/4/2014									
3/30/2015									
3/31/2015									
4/1/2015									
4/2/2015									
4/3/2015									
5/26/2015									
6/18/2015									
7/2/2015									
10/7/2015									
10/8/2015									
10/9/2015									
10/10/2015									
10/11/2015									
10/12/2015									
10/13/2015									
10/15/2015									
3/10/2016	<0.003								
3/11/2016		<0.003	<0.003	<0.003					
3/14/2016					<0.003				
3/15/2016						<0.003	<0.003	<0.003	
3/16/2016									<0.003
3/22/2016									
3/23/2016									
3/28/2016									
3/29/2016									
3/30/2016									
3/31/2016									
4/4/2016									
4/5/2016									
5/11/2016					<0.003	<0.003			
5/12/2016							<0.003		
5/13/2016		<0.003	<0.003					<0.003	
5/16/2016				<0.003					<0.003
5/17/2016	<0.003								
5/18/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016									
5/25/2016									
5/26/2016									
5/31/2016									
6/1/2016									
7/19/2016		<0.003	<0.003		<0.003				
7/20/2016							<0.003		
7/21/2016						<0.003		<0.003	
7/22/2016				0.0002 (J)					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWA-43 (bg)	GWA-43R (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)	GWC-44
7/25/2016									<0.003
7/27/2016	0.0002 (J)								
7/29/2016									
8/1/2016									
8/2/2016									
8/3/2016									
8/4/2016									
8/5/2016									
8/9/2016									
9/15/2016					<0.003	<0.003	<0.003		
9/16/2016		<0.003	<0.003						
9/19/2016				0.0001 (J)					<0.003
9/20/2016	0.0002 (J)								
9/21/2016								<0.003	
9/22/2016									
9/23/2016									
9/26/2016									
9/27/2016									
9/28/2016									
9/29/2016									
11/2/2016		<0.003	<0.003		<0.003				
11/3/2016				0.0002 (J)		<0.003	<0.003	<0.003	<0.003
11/4/2016	0.0002 (J)								
11/7/2016									
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016									
11/18/2016									
11/21/2016									
11/22/2016									
11/28/2016									
1/17/2017				0.0001 (J)		<0.003		<0.003	
1/18/2017		<0.003	<0.003		<0.003		<0.003		
1/19/2017									<0.003
1/20/2017									
1/23/2017	<0.003								
1/30/2017									
1/31/2017									
2/1/2017									
2/3/2017									
2/6/2017									
2/7/2017									
2/8/2017									
2/9/2017									
2/21/2017									
2/22/2017									
3/24/2017						<0.003	<0.003		
3/27/2017				0.0001 (J)				<0.003	
3/28/2017	0.0002 (J)	<0.003	<0.003		<0.003				8E-05 (J)
3/29/2017									
3/30/2017									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWA-43 (bg)	GWA-43R (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)	GWC-44
4/3/2017									
4/6/2017									
4/7/2017									
4/10/2017									
4/11/2017									
4/12/2017									
5/24/2017						<0.003			
6/5/2017									9E-05 (J)
6/6/2017		<0.003	<0.003				<0.003	<0.003	
6/7/2017				0.0001 (J)	<0.003				
6/8/2017	0.0002 (J)								
6/9/2017									
6/12/2017									
6/13/2017									
6/14/2017									
6/15/2017									
6/16/2017									
7/12/2017									
7/17/2017									
7/20/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/24/2017									
9/22/2017		<0.003	<0.003						
9/25/2017							<0.003	<0.003	
9/26/2017				0.0001 (J)	<0.003	<0.003			<0.003
9/27/2017									
9/29/2017	0.0002 (J)								
10/2/2017									
10/3/2017									
10/4/2017									
10/5/2017									
10/9/2017									
3/14/2018		<0.003		0.00014 (J)	<0.003	<0.003	<0.003	<0.003	
3/15/2018	0.00025 (J)		5.1E-05 (J)						7.7E-05 (J)
3/16/2018									
3/19/2018									
3/20/2018									
3/21/2018									
3/22/2018									
9/12/2018		<0.003	<0.003		<0.003	<0.003	<0.003	<0.003	<0.003
9/13/2018	0.00026 (J)								
9/14/2018				0.00012 (J)					
9/17/2018									
9/18/2018									
9/19/2018									
3/13/2019		<0.003	<0.003			<0.003			
3/14/2019				0.00017 (J)			<0.003	5.2E-05 (J)	7.8E-05 (J)
3/15/2019	0.00022 (J)				<0.003				
3/19/2019									
3/20/2019									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWA-43 (bg)	GWA-43R (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)	GWC-44
3/21/2019									
3/22/2019									
3/23/2019									
3/27/2019									
5/6/2019									
9/9/2019					<0.003	<0.003			
9/10/2019				0.00015 (J)			<0.003 (D)	<0.003	
9/11/2019	0.0003 (JD)	<0.003	<0.003						<0.003
9/12/2019									
9/13/2019									
9/16/2019									
9/17/2019									
9/18/2019									
3/6/2020				0.00017 (J)			<0.003		
3/9/2020	0.00028 (J)	<0.003	<0.003		<0.003	<0.003		<0.003	
3/10/2020									7.4E-05 (J)
3/11/2020									
3/12/2020									
3/13/2020									
3/16/2020									
9/10/2020				0.00014 (J)	<0.003		<0.003	<0.003	
9/11/2020		6.9E-05 (J)				<0.003			
9/14/2020	0.00033 (J)		<0.003						
9/15/2020									5.7E-05 (J)
9/16/2020									
9/17/2020									
9/21/2020									
9/22/2020									
3/10/2021						<0.003		<0.003	
3/11/2021	0.00033 (J)	<0.003	<0.003	0.00015 (J)			<0.003		6.4E-05 (J)
3/12/2021					<0.003				
3/16/2021									
3/17/2021									
3/18/2021									
3/19/2021									
3/29/2021									
8/4/2021	0.00031 (J)			0.00012 (J)	<0.003	<0.003	<0.003	<0.003	6.7E-05 (J)
8/5/2021			<0.003						
8/6/2021		<0.003							
8/9/2021									
8/10/2021									
8/11/2021									
1/31/2022	0.00036 (J)	<0.003	<0.003	0.00014 (J)	<0.003	<0.003	<0.003	<0.003	6.5E-05 (J)
2/1/2022									
2/2/2022									
2/3/2022									
2/4/2022									
2/17/2022									
4/28/2022									
8/10/2022			<0.003	0.00016 (J)	<0.003				
8/11/2022		7.6E-05 (J)					<0.003	<0.003	
8/12/2022						<0.003			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWA-43 (bg)	GWA-43R (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)	GWC-44
8/15/2022	0.00037 (J)								5.7E-05 (J)
8/16/2022									
8/17/2022									
8/18/2022									
2/13/2023			<0.003	0.00015 (J)	<0.003	<0.003	<0.003	<0.003	
2/14/2023	0.00038 (J)	<0.003							6.2E-05 (J)
2/16/2023									
2/17/2023									
2/20/2023									
2/21/2023									
2/22/2023									
7/25/2023		<0.003	<0.003				<0.003	<0.003	
7/26/2023	0.00048 (J)			0.00019 (J)	<0.003	<0.003			5.7E-05 (J)
7/27/2023									
7/28/2023									
7/31/2023									
8/1/2023									
2/19/2024					<0.003	<0.003	<0.003	<0.003	
2/20/2024		<0.003	<0.003	0.00014 (J)					<0.003
2/21/2024	0.0005 (J)								
2/22/2024									
2/26/2024									
2/27/2024									
2/28/2024									
8/1/2024				0.00014 (J)	<0.003	<0.003	<0.003	<0.003	
8/2/2024		<0.003	<0.003						
8/5/2024	0.00042 (J)								
8/6/2024									<0.003
8/7/2024									
8/8/2024									
8/12/2024									
8/13/2024									
2/25/2025		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	
2/26/2025	0.00044 (J)								<0.003
2/27/2025									
2/28/2025									
3/3/2025									
3/4/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWA-39RZ (bg)	GWA-4RZ (bg)
9/30/2014			
10/1/2014			
10/2/2014			
10/3/2014			
10/4/2014			
3/30/2015			
3/31/2015			
4/1/2015			
4/2/2015			
4/3/2015			
5/26/2015			
6/18/2015			
7/2/2015			
10/7/2015			
10/8/2015			
10/9/2015			
10/10/2015			
10/11/2015			
10/12/2015			
10/13/2015			
10/15/2015			
3/10/2016			
3/11/2016			
3/14/2016			
3/15/2016			
3/16/2016	<0.003		
3/22/2016			
3/23/2016			
3/28/2016			
3/29/2016			
3/30/2016			
3/31/2016			
4/4/2016			
4/5/2016			
5/11/2016			
5/12/2016			
5/13/2016			
5/16/2016	<0.003 (D)	<0.003 (D)	
5/17/2016			
5/18/2016			
5/19/2016			
5/20/2016			
5/23/2016			
5/24/2016			
5/25/2016			
5/26/2016			
5/31/2016			
6/1/2016			
7/19/2016			
7/20/2016			
7/21/2016			
7/22/2016			

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWA-39RZ (bg)	GWA-4RZ (bg)
7/25/2016	<0.003 (D)		
7/27/2016		0.0004 (JD)	
7/29/2016			
8/1/2016			
8/2/2016			
8/3/2016			
8/4/2016			
8/5/2016			
8/9/2016			
9/15/2016			
9/16/2016			
9/19/2016	<0.003 (D)		
9/20/2016			
9/21/2016			
9/22/2016			
9/23/2016			
9/26/2016			
9/27/2016			
9/28/2016			
9/29/2016			
11/2/2016			
11/3/2016	<0.003 (D)		
11/4/2016			
11/7/2016			
11/9/2016			
11/10/2016			
11/11/2016			
11/14/2016			
11/18/2016			
11/21/2016			
11/22/2016			
11/28/2016			
1/17/2017			
1/18/2017			
1/19/2017			
1/20/2017	<0.003 (D)		
1/23/2017			
1/30/2017			
1/31/2017			
2/1/2017			
2/3/2017			
2/6/2017			
2/7/2017			
2/8/2017			
2/9/2017			
2/21/2017		<0.003	
2/22/2017			<0.003
3/24/2017			
3/27/2017		<0.003 (D)	
3/28/2017			
3/29/2017	<0.003 (D)		
3/30/2017			

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWA-39RZ (bg)	GWA-4RZ (bg)
4/3/2017			
4/6/2017			
4/7/2017			<0.003
4/10/2017			
4/11/2017			
4/12/2017			
5/24/2017			
6/5/2017			
6/6/2017			
6/7/2017	<0.003		
6/8/2017		<0.003 (D)	
6/9/2017			
6/12/2017			
6/13/2017			
6/14/2017			<0.003 (D)
6/15/2017			
6/16/2017			
7/12/2017			<0.003 (D)
7/17/2017		<0.003 (D)	
7/20/2017			<0.003 (D)
7/27/2017		<0.003	
7/28/2017			<0.003
8/9/2017		<0.003	<0.003
8/24/2017			<0.003
9/22/2017			
9/25/2017			
9/26/2017			
9/27/2017	<0.003		
9/29/2017		<0.003 (D)	
10/2/2017			
10/3/2017			<0.003 (D)
10/4/2017			
10/5/2017			
10/9/2017			
3/14/2018			
3/15/2018	<0.003		
3/16/2018		<0.003	
3/19/2018			
3/20/2018			
3/21/2018			<0.003
3/22/2018			
9/12/2018			
9/13/2018	<0.003		
9/14/2018		<0.003	
9/17/2018			
9/18/2018			<0.003
9/19/2018			
3/13/2019			
3/14/2019	<0.003 (D)	<0.003	
3/15/2019			
3/19/2019			
3/20/2019			

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWA-39RZ (bg)	GWA-4RZ (bg)
3/21/2019			<0.003 (D)
3/22/2019			
3/23/2019			
3/27/2019			
5/6/2019			
9/9/2019			
9/10/2019			
9/11/2019	<0.003 (D)		
9/12/2019			<0.003 (D)
9/13/2019			
9/16/2019			
9/17/2019			
9/18/2019			
3/6/2020			
3/9/2020		<0.003	
3/10/2020	<0.003		
3/11/2020			
3/12/2020			<0.003
3/13/2020			
3/16/2020			
9/10/2020			
9/11/2020	5.6E-05 (J)		
9/14/2020			
9/15/2020			
9/16/2020		<0.003	
9/17/2020			<0.003
9/21/2020			
9/22/2020			
3/10/2021			
3/11/2021	<0.003		
3/12/2021			
3/16/2021		<0.003	<0.003
3/17/2021			
3/18/2021			
3/19/2021			
3/29/2021			
8/4/2021			
8/5/2021			
8/6/2021	<0.003	<0.003	
8/9/2021			
8/10/2021			<0.003
8/11/2021			
1/31/2022			
2/1/2022	<0.003		
2/2/2022		<0.003	
2/3/2022			<0.003
2/4/2022			
2/17/2022			
4/28/2022			
8/10/2022			
8/11/2022			
8/12/2022	<0.003		

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWA-39RZ (bg)	GWA-4RZ (bg)
8/15/2022			
8/16/2022		<0.003	
8/17/2022			<0.003
8/18/2022			
2/13/2023			
2/14/2023	<0.003	<0.003	
2/16/2023			
2/17/2023			<0.003
2/20/2023			
2/21/2023			
2/22/2023			
7/25/2023		<0.003	
7/26/2023	<0.003		
7/27/2023			
7/28/2023			<0.003
7/31/2023			
8/1/2023			
2/19/2024		<0.003	
2/20/2024	<0.003		
2/21/2024			
2/22/2024			
2/26/2024			
2/27/2024			<0.003
2/28/2024			
8/1/2024		<0.003	
8/2/2024			
8/5/2024	<0.003		
8/6/2024			
8/7/2024			
8/8/2024			<0.003
8/12/2024			
8/13/2024			
2/25/2025			
2/26/2025	<0.003	<0.003	
2/27/2025			
2/28/2025			<0.003
3/3/2025			
3/4/2025			

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-13	GWC-13RZ	GWC-6	GWA-2R (bg)
8/21/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
8/22/2007								<0.0005	
8/23/2007									<0.0005
8/24/2007									
10/23/2007									
10/24/2007									<0.0005
10/25/2007								<0.0005	
11/1/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
11/2/2007									
11/17/2007									
11/18/2007				<0.0005	<0.0005				<0.0005
11/19/2007	<0.0005					<0.0005	<0.0005		
11/20/2007		<0.0005	<0.0005					<0.0005	
1/15/2008									
1/16/2008	<0.0005								
1/23/2008								<0.0005	
1/30/2008		<0.0005	<0.0005	<0.0005	<0.0005				
1/31/2008						<0.0005	<0.0005		<0.0005
3/5/2008	<0.0005			<0.0005		<0.0005	<0.0005		
3/6/2008		<0.0005	<0.0005		<0.0005				
3/10/2008									<0.0005
3/11/2008								<0.0005	
5/6/2008									
5/7/2008				0.000181	<0.0005		<0.0005		
5/8/2008			<0.0005						
5/12/2008		<0.0005				<0.0005			
5/13/2008	<0.0005								<0.0005
5/14/2008								<0.0005	
12/2/2008									
12/4/2008									<0.0005
12/5/2008									
12/11/2008								<0.0005	
12/12/2008							<0.0005		
12/13/2008	<0.0005	<0.0005				<0.0005			
12/14/2008			<0.0005	<0.0005	<0.0005				
4/15/2009									
4/16/2009	<0.0005								
4/21/2009									<0.0005
4/23/2009								<0.0005	
4/28/2009						<0.0005			
4/29/2009		<0.0005	<0.0005	<0.0005	<0.0005		<0.0005		
10/6/2009									
10/7/2009									
10/8/2009									<0.0005
10/9/2009								<0.0005	
10/19/2009									
10/20/2009		<0.0005							
10/21/2009	<0.0005		<0.0005			<0.0005	<0.0005		
10/22/2009				<0.0005	<0.0005				
4/21/2010			<0.0005	<0.0005	<0.0005				<0.0005
4/26/2010		<0.0005							
4/27/2010	<0.0005								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-13	GWC-13RZ	GWC-6	GWA-2R (bg)
4/28/2010						<0.0005	<0.0005		
5/3/2010									
5/4/2010								<0.0005	
9/28/2010			<0.0005	<0.0005					<0.0005
9/29/2010		<0.0005			<0.0005				
9/30/2010									
10/4/2010									
10/5/2010	<0.0005					<0.0005			
10/6/2010							<0.0005		
10/11/2010								<0.0005	
10/12/2010									
4/12/2011			<0.0005	<0.0005					<0.0005
4/13/2011		<0.0005			<0.0005				
4/14/2011									
4/18/2011									
4/19/2011	<0.0005					<0.0005			
4/20/2011							<0.0005		
4/21/2011									
4/26/2011								<0.0005	
4/27/2011									
4/28/2011									
10/4/2011			<0.0005	<0.0005	<0.0005				<0.0005
10/5/2011		<0.0005							
10/12/2011	<0.0005						<0.0005		
10/13/2011									
10/17/2011									
10/18/2011						<0.0005		<0.0005	
10/19/2011									
4/3/2012			<0.0005	<0.0005					<0.0005
4/4/2012		<0.0005			<0.0005				
4/11/2012									
4/23/2012									
4/24/2012	<0.0005								
4/25/2012						<0.0005	<0.0005		
4/30/2012									
5/1/2012									
5/2/2012								<0.0005	
10/2/2012	<0.0005					<0.0005	<0.0005		
10/3/2012		<0.0005		<0.0005	<0.0005				
10/8/2012			<0.0005					<0.0005	
10/9/2012									<0.0005
10/10/2012									
4/2/2013	<0.0005					<0.0005	<0.0005		
4/3/2013		<0.0005	<0.0005	<0.0005	<0.0005				
4/8/2013									
4/9/2013									
4/10/2013								<0.0005	
4/11/2013									<0.0005
4/12/2013									
4/15/2013									
4/16/2013									
10/8/2013						<0.0005	<0.0005	<0.0005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-13	GWC-13RZ	GWC-6	GWA-2R (bg)
10/9/2013	<0.0005			<0.0005	<0.0005				
10/15/2013		<0.0005	<0.0005						
10/16/2013									<0.0005
10/22/2013									
4/1/2014	0.0002 (J)					0.0002 (J)	0.0002 (J)		
4/2/2014				0.0002 (J)	<0.0005				
4/9/2014		<0.0005	<0.0005						
4/10/2014									<0.0005
4/11/2014									
4/14/2014								<0.0005	
4/21/2014									
4/22/2014									
4/23/2014									
9/30/2014									<0.0005
10/1/2014						<0.0005	<0.0005		
10/2/2014	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
10/3/2014								3.29E-05 (J)	
10/4/2014									
3/30/2015									<0.0005
3/31/2015							<0.0005		
4/1/2015	<0.0005			<0.0005	<0.0005	<0.0005		<0.0005	
4/2/2015		<0.0005	<0.0005						
4/3/2015									
10/6/2015									
10/7/2015									
10/8/2015									
10/9/2015								<0.0005	
10/10/2015		<0.0005							
10/11/2015				<0.0005	<0.0005				
10/12/2015			<0.0005						
10/13/2015									<0.0005
10/14/2015	<0.0005						<0.0005		
10/15/2015						<0.0005			
3/10/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/16/2016									
3/17/2016									
3/22/2016									
3/23/2016									<0.0005
3/28/2016									
3/29/2016								<0.0005	
3/30/2016									
3/31/2016		<0.0005	<0.0005						
4/4/2016	<0.0005			<0.0005	<0.0005	<0.0005	<0.0005		
4/5/2016									
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/17/2016									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-13	GWC-13RZ	GWC-6	GWA-2R (bg)
5/18/2016									
5/19/2016									<0.0005
5/20/2016									
5/23/2016									
5/24/2016								<0.0005	
5/25/2016									
5/26/2016		<0.0005	<0.0005	<0.0005	<0.0005				
5/27/2016	<0.0005								
5/31/2016						<0.0005			
6/1/2016							<0.0005		
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/25/2016									
7/26/2016									
7/27/2016									
7/28/2016									
7/29/2016									<0.0005
8/1/2016								<0.0005	
8/2/2016									
8/3/2016	<0.0005		<0.0005	<0.0005					
8/4/2016					<0.0005	<0.0005			
8/5/2016		<0.0005							
9/15/2016									
9/16/2016									
9/19/2016									
9/20/2016									
9/21/2016									
9/22/2016									<0.0005
9/23/2016									
9/26/2016								<0.0005	
9/27/2016									
9/28/2016		<0.0005	<0.0005	<0.0005	<0.0005				
9/29/2016						<0.0005			
9/30/2016	<0.0005								
11/2/2016									
11/3/2016									
11/4/2016									
11/7/2016									
11/9/2016									
11/10/2016									<0.0005
11/11/2016									
11/18/2016								<0.0005	
11/22/2016	8E-05 (J)	<0.0005	<0.0005	<0.0005	<0.0005				
11/23/2016									
11/28/2016						<0.0005			
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017									
1/23/2017									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-13	GWC-13RZ	GWC-6	GWA-2R (bg)
1/24/2017									
1/30/2017									
1/31/2017									<0.0005
2/1/2017								<0.0005	
2/6/2017									
2/7/2017		<0.0005	<0.0005						
2/8/2017				<0.0005	<0.0005				
2/9/2017						<0.0005			
2/10/2017									
2/13/2017	<0.0005								
2/21/2017									
2/22/2017							<0.0005		
3/24/2017									
3/27/2017									
3/28/2017									
3/29/2017									
3/30/2017									
4/3/2017									<0.0005
4/6/2017								<0.0005	
4/7/2017									
4/10/2017		<0.0005	<0.0005	<0.0005	<0.0005				
4/11/2017	<0.0005						<0.0005		
4/12/2017						<0.0005			
5/24/2017									
6/5/2017									
6/6/2017									
6/7/2017									
6/8/2017									
6/9/2017									<0.0005
6/12/2017									
6/13/2017								<0.0005	
6/14/2017	<0.0005	<0.0005	<0.0005						
6/15/2017				<0.0005	<0.0005				
6/16/2017						<0.0005	<0.0005		
7/12/2017							<0.0005		
7/17/2017									
7/20/2017									
7/26/2017									
7/27/2017									
7/28/2017							<0.0005		
8/9/2017									
8/10/2017							<0.0005		
8/24/2017									
9/22/2017									
9/25/2017									
9/26/2017									
9/27/2017									
9/29/2017									
10/2/2017									<0.0005
10/3/2017								<0.0005	
10/4/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
10/6/2017							<0.0005		

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-13	GWC-13RZ	GWC-6	GWA-2R (bg)
10/9/2017						<0.0005			
3/14/2018									
3/15/2018									
3/16/2018									<0.0005
3/19/2018								<0.0005	
3/20/2018		<0.0005							
3/21/2018			<0.0005	<0.0005		<0.0005			
3/22/2018	<0.0005				<0.0005				
3/23/2018							<0.0005		
9/12/2018									
9/13/2018									
9/14/2018									<0.0005
9/17/2018								<0.0005	
9/18/2018	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
9/19/2018						<0.0005			
9/20/2018							<0.0005		
3/13/2019									
3/14/2019									
3/15/2019									
3/18/2019									
3/19/2019									<0.0005
3/20/2019									
3/21/2019								<0.0005	
3/22/2019		<0.0005	<0.0005				<0.0005		
3/23/2019	<0.0005			<0.0005	<0.0005	<0.0005			
3/25/2019									
3/27/2019									
9/9/2019									
9/10/2019									
9/11/2019									
9/12/2019									
9/13/2019									<0.0005
9/16/2019								<0.0005	
9/17/2019	<0.0005 (D)	<0.0005	<0.0005	<0.0005	<0.0005				
9/18/2019						<0.0005	<0.0005		
3/6/2020									
3/9/2020									
3/10/2020									
3/11/2020									<0.0005
3/12/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			<0.0005	
3/13/2020						<0.0005			
3/16/2020									
3/17/2020							<0.0005		
9/10/2020									
9/11/2020									
9/14/2020									
9/15/2020									<0.0005
9/16/2020								<0.0005	
9/17/2020		<0.0005	<0.0005						
9/21/2020	<0.0005			<0.0005	<0.0005				
9/22/2020						<0.0005	<0.0005		
3/10/2021									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-13	GWC-13RZ	GWC-6	GWA-2R (bg)
3/11/2021									
3/12/2021									
3/15/2021									
3/16/2021									<0.0005
3/17/2021								<0.0005	
3/18/2021		<0.0005	<0.0005			<0.0005			
3/19/2021	<0.0005			<0.0005	<0.0005		<0.0005		
3/29/2021									
8/4/2021									
8/5/2021									
8/6/2021									
8/9/2021									<0.0005
8/10/2021		<0.0005						<0.0005	
8/11/2021	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
8/12/2021							<0.0005		
10/28/2021									
1/31/2022									
2/1/2022									<0.0005
2/2/2022	<0.0005							<0.0005	
2/3/2022									
2/4/2022		<0.0005	<0.0005	<0.0005	<0.0005		<0.0005		
2/7/2022									
2/17/2022						<0.0005			
4/28/2022									
8/10/2022									
8/11/2022									
8/12/2022									
8/15/2022									
8/16/2022									<0.0005
8/17/2022		<0.0005						<0.0005	
8/18/2022	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
8/19/2022							<0.0005		
2/13/2023									
2/14/2023									
2/16/2023									<0.0005
2/17/2023								<0.0005	
2/20/2023		0.00028 (J)	0.0003 (J)	0.00019 (J)	0.00016 (J)				
2/21/2023	<0.0005								
2/22/2023						<0.0005	<0.0005		
3/16/2023									
7/25/2023									
7/26/2023									
7/27/2023									<0.0005
7/28/2023									
7/31/2023		<0.0005	<0.0005					<0.0005	
8/1/2023	<0.0005			<0.0005	<0.0005	<0.0005			
8/2/2023							<0.0005		
2/19/2024									
2/20/2024									
2/21/2024									
2/22/2024									
2/26/2024								<0.0005	<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-10	GWC-10R	GWC-11	GWC-11R	GWC-13	GWC-13RZ	GWC-6	GWA-2R (bg)
2/27/2024	<0.0005	<0.0005	<0.0005			<0.0005			
2/28/2024				<0.0005	<0.0005		<0.0005		
8/1/2024									
8/2/2024									
8/5/2024									
8/6/2024									<0.0005
8/7/2024									
8/8/2024								<0.0005	
8/12/2024	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005			
8/13/2024				<0.0005			<0.0005		
2/25/2025									
2/26/2025									
2/27/2025								<0.0005	<0.0005
2/28/2025		<0.0005							
3/3/2025			<0.0005		<0.0005	<0.0005			
3/4/2025	<0.0005			<0.0005			<0.0005		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWC-15R	GWA-1 (bg)	GWA-2 (bg)	GWC-5	GWC-15Z	GWA-50 (bg)	GWA-50R (bg)	GWC-8RR
8/21/2007									
8/22/2007									
8/23/2007	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
8/24/2007						<0.0005			
10/23/2007			<0.0005						
10/24/2007				<0.0005					
10/25/2007					<0.0005				
11/1/2007									
11/2/2007	<0.0005	<0.0005				<0.0005			
11/17/2007		<0.0005							
11/18/2007	<0.0005		<0.0005	<0.0005		<0.0005			
11/19/2007					<0.0005				
11/20/2007									
1/15/2008		<0.0005				<0.0005			
1/16/2008									
1/23/2008					<0.0005				
1/30/2008			<0.0005						
1/31/2008	<0.0005			<0.0005					
3/5/2008									
3/6/2008		<0.0005							
3/10/2008			<0.0005			<0.0005			
3/11/2008	<0.0005			<0.0005	<0.0005				
5/6/2008				0.000175					
5/7/2008		<0.0005							
5/8/2008									
5/12/2008					<0.0005				
5/13/2008			<0.0005			<0.0005			
5/14/2008	<0.0005								
12/2/2008		<0.0005				<0.0005			
12/4/2008				<0.0005					
12/5/2008	<0.0005		<0.0005						
12/11/2008					<0.0005				
12/12/2008							<0.0005	<0.0005	
12/13/2008									
12/14/2008									
4/15/2009	<0.0005		<0.0005		<0.0005				
4/16/2009									
4/21/2009				<0.0005					
4/23/2009							<0.0005	<0.0005	
4/28/2009		<0.0005				<0.0005			
4/29/2009									
10/6/2009							<0.0005	<0.0005	
10/7/2009			<0.0005	<0.0005					
10/8/2009	<0.0005								
10/9/2009					<0.0005				
10/19/2009		<0.0005							
10/20/2009						<0.0005			
10/21/2009									
10/22/2009									
4/21/2010									
4/26/2010				<0.0005					
4/27/2010		<0.0005				<0.0005	<0.0005		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWC-15R	GWA-1 (bg)	GWA-2 (bg)	GWC-5	GWC-15Z	GWA-50 (bg)	GWA-50R (bg)	GWC-8RR
4/28/2010	<0.0005								
5/3/2010			<0.0005					<0.0005	
5/4/2010					<0.0005				
9/28/2010									
9/29/2010									
9/30/2010							<0.0005		
10/4/2010		<0.0005		<0.0005					
10/5/2010						<0.0005			
10/6/2010	<0.0005								
10/11/2010								<0.0005	
10/12/2010			<0.0005		<0.0005				
4/12/2011									
4/13/2011				<0.0005					
4/14/2011							<0.0005		
4/18/2011		<0.0005							
4/19/2011						<0.0005			
4/20/2011									
4/21/2011	<0.0005								
4/26/2011									
4/27/2011			<0.0005					<0.0005	
4/28/2011					<0.0005				
10/4/2011									
10/5/2011				<0.0005			<0.0005		
10/12/2011		<0.0005				<0.0005			
10/13/2011	<0.0005								
10/17/2011			<0.0005						
10/18/2011									<0.0005
10/19/2011					<0.0005			<0.0005	
4/3/2012									
4/4/2012									
4/11/2012				<0.0005			<0.0005		
4/23/2012		<0.0005							
4/24/2012									
4/25/2012						<0.0005			
4/30/2012									<0.0005
5/1/2012	<0.0005							<0.0005	
5/2/2012			<0.0005		<0.0005				
10/2/2012							<0.0005	<0.0005	
10/3/2012									<0.0005
10/8/2012			<0.0005						
10/9/2012	<0.0005			<0.0005	<0.0005				
10/10/2012		<0.0005				<0.0005			
4/2/2013									
4/3/2013									
4/8/2013									<0.0005
4/9/2013							<0.0005		
4/10/2013								<0.0005	
4/11/2013	<0.0005				<0.0005				
4/12/2013			<0.0005						
4/15/2013		<0.0005		<0.0005					
4/16/2013						<0.0005			
10/8/2013									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWC-15R	GWA-1 (bg)	GWA-2 (bg)	GWC-5	GWC-15Z	GWA-50 (bg)	GWA-50R (bg)	GWC-8RR
10/9/2013									<0.0005
10/15/2013				<0.0005			<0.0005		
10/16/2013	<0.0005		<0.0005		<0.0005			<0.0005	
10/22/2013		<0.0005				<0.0005			
4/1/2014									
4/2/2014									
4/9/2014									
4/10/2014							<0.0005		<0.0005
4/11/2014			<0.0005						
4/14/2014									
4/21/2014		<0.0005				<0.0005			
4/22/2014				<0.0005				<0.0005	
4/23/2014	<0.0005				<0.0005				
9/30/2014		<0.0005	<0.0005	<0.0005		<0.0005			
10/1/2014							<0.0005	<0.0005	
10/2/2014									3.83E-05 (J)
10/3/2014					3.71E-05 (J)				
10/4/2014	<0.0005								
3/30/2015			<0.0005	<0.0005			2.02E-05 (J)	<0.0005	
3/31/2015	<0.0005				<0.0005				
4/1/2015									
4/2/2015									
4/3/2015		<0.0005				<0.0005			<0.0005
10/6/2015						<0.0005			
10/7/2015		<0.0005							
10/8/2015									<0.0005
10/9/2015									
10/10/2015									
10/11/2015							<0.0005	<0.0005	
10/12/2015	<0.0005				<0.0005				
10/13/2015			<0.0005	<0.0005					
10/14/2015									
10/15/2015									
3/10/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/16/2016									
3/17/2016									
3/22/2016			<0.0005						
3/23/2016	<0.0005			<0.0005					
3/28/2016					<0.0005		<0.0005	<0.0005	
3/29/2016									
3/30/2016									<0.0005
3/31/2016									
4/4/2016									
4/5/2016		<0.0005				<0.0005			
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/17/2016									

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWC-15R	GWA-1 (bg)	GWA-2 (bg)	GWC-5	GWC-15Z	GWA-50 (bg)	GWA-50R (bg)	GWC-8RR
5/18/2016									
5/19/2016			<0.0005						
5/20/2016				<0.0005					
5/23/2016	<0.0005						<0.0005		
5/24/2016									<0.0005
5/25/2016					<0.0005			<0.0005	
5/26/2016									
5/27/2016									
5/31/2016		<0.0005				<0.0005			
6/1/2016									
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/25/2016									
7/26/2016									
7/27/2016									
7/28/2016									
7/29/2016	<0.0005		<0.0005	<0.0005					
8/1/2016					<0.0005		<0.0005	<0.0005	
8/2/2016									<0.0005
8/3/2016									
8/4/2016		<0.0005							
8/5/2016									
9/15/2016									
9/16/2016									
9/19/2016									
9/20/2016									
9/21/2016									
9/22/2016	<0.0005								
9/23/2016			<0.0005	<0.0005					
9/26/2016							<0.0005	<0.0005	
9/27/2016					<0.0005				<0.0005
9/28/2016									
9/29/2016		<0.0005							
9/30/2016									
11/2/2016									
11/3/2016									
11/4/2016									
11/7/2016									
11/9/2016			<0.0005	<0.0005					
11/10/2016	<0.0005						<0.0005		
11/11/2016					<0.0005			<0.0005	
11/18/2016									
11/22/2016									8E-05 (J)
11/23/2016		5E-05 (J)				6E-05 (J)			
11/28/2016									
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017									
1/23/2017									

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWC-15R	GWA-1 (bg)	GWA-2 (bg)	GWC-5	GWC-15Z	GWA-50 (bg)	GWA-50R (bg)	GWC-8RR
1/24/2017									
1/30/2017			<0.0005				<0.0005	<0.0005	
1/31/2017	<0.0005			<0.0005	<0.0005				
2/1/2017									
2/6/2017									<0.0005
2/7/2017									
2/8/2017									
2/9/2017									
2/10/2017		<0.0005				<0.0005			
2/13/2017									
2/21/2017									
2/22/2017									
3/24/2017									
3/27/2017									
3/28/2017									
3/29/2017									
3/30/2017	<0.0005		<0.0005	<0.0005					
4/3/2017					<0.0005			<0.0005	
4/6/2017									<0.0005
4/7/2017							<0.0005		
4/10/2017									
4/11/2017						<0.0005			
4/12/2017		<0.0005							
5/24/2017									
6/5/2017									
6/6/2017									
6/7/2017									
6/8/2017									
6/9/2017			<0.0005						
6/12/2017	<0.0005			<0.0005	<0.0005		<0.0005	<0.0005	
6/13/2017									
6/14/2017									<0.0005
6/15/2017		<0.0005				<0.0005			
6/16/2017									
7/12/2017						<0.0005			
7/17/2017									
7/20/2017									
7/26/2017						<0.0005			
7/27/2017									
7/28/2017									
8/9/2017									
8/10/2017									
8/24/2017									
9/22/2017									
9/25/2017									
9/26/2017									
9/27/2017									
9/29/2017									
10/2/2017			<0.0005	<0.0005			<0.0005	<0.0005	
10/3/2017					<0.0005				
10/4/2017	<0.0005								<0.0005
10/6/2017		<0.0005				<0.0005			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:24 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWC-15R	GWA-1 (bg)	GWA-2 (bg)	GWC-5	GWC-15Z	GWA-50 (bg)	GWA-50R (bg)	GWC-8RR
10/9/2017									
3/14/2018									
3/15/2018									
3/16/2018			<0.0005				<0.0005	<0.0005	
3/19/2018	<0.0005			<0.0005	<0.0005				
3/20/2018									
3/21/2018									<0.0005
3/22/2018									
3/23/2018		<0.0005				<0.0005			
9/12/2018									
9/13/2018									
9/14/2018				<0.0005					
9/17/2018	<0.0005		<0.0005 (D)		<0.0005		<0.0005		
9/18/2018								<0.0005	<0.0005
9/19/2018		<0.0005				<0.0005			
9/20/2018									
3/13/2019									
3/14/2019									
3/15/2019									
3/18/2019									
3/19/2019							<0.0005	<0.0005	
3/20/2019	<0.0005		<0.0005	<0.0005	<0.0005				
3/21/2019									
3/22/2019						<0.0005			
3/23/2019									
3/25/2019		<0.0005							
3/27/2019									<0.0005
9/9/2019									
9/10/2019									
9/11/2019									
9/12/2019			<0.0005	<0.0005 (D)				<0.0005	
9/13/2019	<0.0005						<0.0005		
9/16/2019					<0.0005				<0.0005 (D)
9/17/2019		<0.0005				<0.0005			
9/18/2019									
3/6/2020									
3/9/2020									
3/10/2020									
3/11/2020	<0.0005		<0.0005	<0.0005			<0.0005	<0.0005	
3/12/2020									<0.0005
3/13/2020		<0.0005				<0.0005			
3/16/2020					<0.0005				
3/17/2020									
9/10/2020									
9/11/2020									
9/14/2020									
9/15/2020			<0.0005	<0.0005				<0.0005	
9/16/2020					<0.0005		<0.0005		
9/17/2020									<0.0005
9/21/2020		<0.0005				<0.0005			
9/22/2020									
3/10/2021									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWC-15R	GWA-1 (bg)	GWA-2 (bg)	GWC-5	GWC-15Z	GWA-50 (bg)	GWA-50R (bg)	GWC-8RR
3/11/2021									
3/12/2021									
3/15/2021									
3/16/2021			<0.0005						
3/17/2021				<0.0005	<0.0005		<0.0005	<0.0005	<0.0005
3/18/2021		<0.0005				<0.0005			
3/19/2021									
3/29/2021	<0.0005								
8/4/2021									
8/5/2021									
8/6/2021									
8/9/2021	<0.0005		<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	
8/10/2021									<0.0005
8/11/2021		<0.0005				<0.0005			
8/12/2021									
10/28/2021									
1/31/2022									
2/1/2022			<0.0005	<0.0005			<0.0005		
2/2/2022	<0.0005				<0.0005			<0.0005	<0.0005
2/3/2022									
2/4/2022		<0.0005							
2/7/2022						<0.0005			
2/17/2022									
4/28/2022									
8/10/2022									
8/11/2022									
8/12/2022									
8/15/2022									
8/16/2022	<0.0005		<0.0005	<0.0005	<0.0005		<0.0005		
8/17/2022								<0.0005	<0.0005
8/18/2022									
8/19/2022		<0.0005				<0.0005			
2/13/2023									
2/14/2023									
2/16/2023			0.00017 (J)	0.00013 (J)			<0.0005	<0.0005	
2/17/2023	0.00013 (J)								
2/20/2023					<0.0005				
2/21/2023									<0.0005
2/22/2023		<0.0005				<0.0005			
3/16/2023									
7/25/2023									
7/26/2023									
7/27/2023			<0.0005	<0.0005					
7/28/2023					<0.0005		<0.0005	<0.0005	
7/31/2023									<0.0005
8/1/2023	<0.0005					<0.0005			
8/2/2023		<0.0005							
2/19/2024									
2/20/2024									
2/21/2024									
2/22/2024	<0.0005		<0.0005	<0.0005			<0.0005	<0.0005	
2/26/2024					<0.0005				

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWC-15R	GWA-1 (bg)	GWA-2 (bg)	GWC-5	GWC-15Z	GWA-50 (bg)	GWA-50R (bg)	GWC-8RR
2/27/2024									<0.0005
2/28/2024		<0.0005				<0.0005			
8/1/2024									
8/2/2024									
8/5/2024									
8/6/2024									
8/7/2024			<0.0005	<0.0005					
8/8/2024	<0.0005				<0.0005		<0.0005	<0.0005	
8/12/2024									<0.0005
8/13/2024		<0.0005				<0.0005			
2/25/2025									
2/26/2025	<0.0005								
2/27/2025			<0.0005	<0.0005	<0.0005		<0.0005		
2/28/2025								<0.0005	
3/3/2025		<0.0005				<0.0005			
3/4/2025									<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-48	GWC-47	GWC-46R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-41 (bg)
8/21/2007									
8/22/2007									
8/23/2007									
8/24/2007									
10/23/2007									
10/24/2007									
10/25/2007									
11/1/2007									
11/2/2007									
11/17/2007									
11/18/2007									
11/19/2007									
11/20/2007									
1/15/2008									
1/16/2008									
1/23/2008									
1/30/2008									
1/31/2008									
3/5/2008									
3/6/2008									
3/10/2008									
3/11/2008									
5/6/2008									
5/7/2008									
5/8/2008									
5/12/2008									
5/13/2008									
5/14/2008									
12/2/2008									
12/4/2008									
12/5/2008									
12/11/2008									
12/12/2008									
12/13/2008									
12/14/2008									
4/15/2009									
4/16/2009									
4/21/2009									
4/23/2009									
4/28/2009									
4/29/2009									
10/6/2009									
10/7/2009									
10/8/2009									
10/9/2009									
10/19/2009									
10/20/2009									
10/21/2009									
10/22/2009									
4/21/2010									
4/26/2010									
4/27/2010									

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-48	GWC-47	GWC-46R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-41 (bg)
4/28/2010									
5/3/2010									
5/4/2010									
9/28/2010									
9/29/2010									
9/30/2010									
10/4/2010									
10/5/2010									
10/6/2010									
10/11/2010									
10/12/2010									
4/12/2011									
4/13/2011									
4/14/2011									
4/18/2011									
4/19/2011									
4/20/2011									
4/21/2011									
4/26/2011									
4/27/2011									
4/28/2011									
10/4/2011									
10/5/2011									
10/12/2011									
10/13/2011									
10/17/2011									
10/18/2011									
10/19/2011									
4/3/2012									
4/4/2012									
4/11/2012									
4/23/2012									
4/24/2012									
4/25/2012									
4/30/2012									
5/1/2012									
5/2/2012									
10/2/2012									
10/3/2012									
10/8/2012									
10/9/2012									
10/10/2012									
4/2/2013									
4/3/2013									
4/8/2013									
4/9/2013									
4/10/2013									
4/11/2013									
4/12/2013									
4/15/2013									
4/16/2013									
10/8/2013									

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-48	GWC-47	GWC-46R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-41 (bg)
10/9/2013									
10/15/2013									
10/16/2013									
10/22/2013									
4/1/2014									
4/2/2014									
4/9/2014									
4/10/2014									
4/11/2014									
4/14/2014									
4/21/2014									
4/22/2014									
4/23/2014									
9/30/2014									
10/1/2014									
10/2/2014									
10/3/2014									
10/4/2014									
3/30/2015									
3/31/2015									
4/1/2015									
4/2/2015									
4/3/2015									
10/6/2015									
10/7/2015									
10/8/2015									
10/9/2015									
10/10/2015									
10/11/2015									
10/12/2015									
10/13/2015									
10/14/2015									
10/15/2015									
3/10/2016	<0.0005	<0.0005	<0.0005	<0.0005					
3/11/2016					<0.0005	<0.0005	<0.0005		
3/14/2016								<0.0005	
3/15/2016									<0.0005
3/16/2016									
3/17/2016									
3/22/2016									
3/23/2016									
3/28/2016									
3/29/2016									
3/30/2016									
3/31/2016									
4/4/2016									
4/5/2016									
5/11/2016								<0.0005	
5/12/2016									<0.0005
5/13/2016					<0.0005		<0.0005		
5/16/2016						<0.0005			
5/17/2016		<0.0005		<0.0005					

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-48	GWC-47	GWC-46R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-41 (bg)
5/18/2016	<0.0005		<0.0005						
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016									
5/25/2016									
5/26/2016									
5/27/2016									
5/31/2016									
6/1/2016									
7/19/2016					<0.0005		<0.0005	<0.0005	
7/20/2016									<0.0005
7/21/2016									
7/22/2016						<0.0005			
7/25/2016									
7/26/2016				<0.0005					
7/27/2016	<0.0005	<0.0005	<0.0005						
7/28/2016									
7/29/2016									
8/1/2016									
8/2/2016									
8/3/2016									
8/4/2016									
8/5/2016									
9/15/2016								<0.0005	<0.0005
9/16/2016					<0.0005		<0.0005		
9/19/2016						<0.0005			
9/20/2016	<0.0005	<0.0005	<0.0005	<0.0005					
9/21/2016									
9/22/2016									
9/23/2016									
9/26/2016									
9/27/2016									
9/28/2016									
9/29/2016									
9/30/2016									
11/2/2016					<0.0005		<0.0005	<0.0005	
11/3/2016						<0.0005			<0.0005
11/4/2016	<0.0005	<0.0005		<0.0005					
11/7/2016			<0.0005						
11/9/2016									
11/10/2016									
11/11/2016									
11/18/2016									
11/22/2016									
11/23/2016									
11/28/2016									
1/17/2017						<0.0005			
1/18/2017					<0.0005		<0.0005	<0.0005	<0.0005
1/19/2017									
1/20/2017	<0.0005			<0.0005					
1/23/2017		<0.0005	<0.0005						

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-48	GWC-47	GWC-46R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-41 (bg)
1/24/2017									
1/30/2017									
1/31/2017									
2/1/2017									
2/6/2017									
2/7/2017									
2/8/2017									
2/9/2017									
2/10/2017									
2/13/2017									
2/21/2017									
2/22/2017									
3/24/2017									<0.0005
3/27/2017						<0.0005			
3/28/2017		<0.0005		<0.0005	<0.0005		<0.0005	<0.0005	
3/29/2017	<0.0005 (*)		<0.0005 (*)						
3/30/2017									
4/3/2017									
4/6/2017									
4/7/2017									
4/10/2017									
4/11/2017									
4/12/2017									
5/24/2017									
6/5/2017									
6/6/2017					<0.0005		<0.0005		<0.0005
6/7/2017				<0.0005		<0.0005		<0.0005	
6/8/2017	<0.0005	<0.0005	<0.0005						
6/9/2017									
6/12/2017									
6/13/2017									
6/14/2017									
6/15/2017									
6/16/2017									
7/12/2017									
7/17/2017									
7/20/2017									
7/26/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/10/2017									
8/24/2017									
9/22/2017					<0.0005		<0.0005		
9/25/2017									<0.0005
9/26/2017						<0.0005		<0.0005	
9/27/2017	<0.0005		<0.0005						
9/29/2017		<0.0005		<0.0005					
10/2/2017									
10/3/2017									
10/4/2017									
10/6/2017									

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-48	GWC-47	GWC-46R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-41 (bg)
10/9/2017									
3/14/2018						<0.0005	<0.0005	<0.0005	<0.0005
3/15/2018		<0.0005	<0.0005	<0.0005	<0.0005				
3/16/2018	<0.0005								
3/19/2018									
3/20/2018									
3/21/2018									
3/22/2018									
3/23/2018									
9/12/2018					3.9E-05 (J)		<0.0005	<0.0005	<0.0005
9/13/2018	<0.0005	6.2E-05 (J)	<0.0005	<0.0005					
9/14/2018						3.8E-05 (J)			
9/17/2018									
9/18/2018									
9/19/2018									
9/20/2018									
3/13/2019					<0.0005		<0.0005		
3/14/2019						<0.0005			<0.0005
3/15/2019		<0.0005	<0.0005					<0.0005	
3/18/2019				<0.0005					
3/19/2019	5E-05 (J)								
3/20/2019									
3/21/2019									
3/22/2019									
3/23/2019									
3/25/2019									
3/27/2019									
9/9/2019								<0.0005	
9/10/2019						<0.0005			<0.0005 (D)
9/11/2019	<0.0005	<0.0005 (D)		<0.0005	<0.0005		<0.0005		
9/12/2019			<0.0005						
9/13/2019									
9/16/2019									
9/17/2019									
9/18/2019									
3/6/2020						<0.0005			<0.0005
3/9/2020	<0.0005	<0.0005	<0.0005		<0.0005		<0.0005	<0.0005	
3/10/2020				<0.0005					
3/11/2020									
3/12/2020									
3/13/2020									
3/16/2020									
3/17/2020									
9/10/2020						<0.0005		<0.0005	<0.0005
9/11/2020							<0.0005		
9/14/2020		0.00015 (J)	<0.0005	<0.0005	<0.0005				
9/15/2020	<0.0005								
9/16/2020									
9/17/2020									
9/21/2020									
9/22/2020									
3/10/2021									

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-48	GWC-47	GWC-46R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-41 (bg)
3/11/2021	<0.0005	0.0002 (J)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005
3/12/2021								<0.0005	
3/15/2021									
3/16/2021									
3/17/2021									
3/18/2021									
3/19/2021									
3/29/2021									
8/4/2021		0.0005				8E-05 (J)		0.00012 (J)	9E-05 (J)
8/5/2021	0.00023		0.00021	0.00015 (J)	9.6E-05 (J)				
8/6/2021							<0.0005		
8/9/2021									
8/10/2021									
8/11/2021									
8/12/2021									
10/28/2021	<0.0005		<0.0005						
1/31/2022		0.00039		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/1/2022	<0.0005		<0.0005						
2/2/2022									
2/3/2022									
2/4/2022									
2/7/2022									
2/17/2022									
4/28/2022		0.0004							
8/10/2022					<0.0005	<0.0005		<0.0005	
8/11/2022							<0.0005		<0.0005
8/12/2022									
8/15/2022	<0.0005	0.00038	<0.0005	<0.0005					
8/16/2022									
8/17/2022									
8/18/2022									
8/19/2022									
2/13/2023					<0.0005	0.00014 (J)		<0.0005	0.00017 (J)
2/14/2023	0.00013 (J)	0.00064	<0.0005	<0.0005			<0.0005		
2/16/2023									
2/17/2023									
2/20/2023									
2/21/2023									
2/22/2023									
3/16/2023		0.00045							
7/25/2023					<0.0005		<0.0005		<0.0005
7/26/2023		0.00064		<0.0005		<0.0005		<0.0005	
7/27/2023	<0.0005		<0.0005						
7/28/2023									
7/31/2023									
8/1/2023									
8/2/2023									
2/19/2024								<0.0005	<0.0005
2/20/2024					<0.0005	<0.0005	<0.0005		
2/21/2024	<0.0005	0.00071	<0.0005	<0.0005					
2/22/2024									
2/26/2024									

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-48	GWC-47	GWC-46R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-41 (bg)
2/27/2024									
2/28/2024									
8/1/2024						<0.0005		<0.0005	<0.0005
8/2/2024					<0.0005		<0.0005		
8/5/2024	<0.0005	0.00046	<0.0005	<0.0005					
8/6/2024									
8/7/2024									
8/8/2024									
8/12/2024									
8/13/2024									
2/25/2025					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/26/2025	<0.0005	0.00062	<0.0005	<0.0005					
2/27/2025									
2/28/2025									
3/3/2025									
3/4/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40 (bg)	GWA-41R (bg)	GWC-45	GWC-45R	GWC-44	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWA-4RZ (bg)
8/21/2007									
8/22/2007									
8/23/2007									
8/24/2007									
10/23/2007									
10/24/2007									
10/25/2007									
11/1/2007									
11/2/2007									
11/17/2007									
11/18/2007									
11/19/2007									
11/20/2007									
1/15/2008									
1/16/2008									
1/23/2008									
1/30/2008									
1/31/2008									
3/5/2008									
3/6/2008									
3/10/2008									
3/11/2008									
5/6/2008									
5/7/2008									
5/8/2008									
5/12/2008									
5/13/2008									
5/14/2008									
12/2/2008									
12/4/2008									
12/5/2008									
12/11/2008									
12/12/2008									
12/13/2008									
12/14/2008									
4/15/2009									
4/16/2009									
4/21/2009									
4/23/2009									
4/28/2009									
4/29/2009									
10/6/2009									
10/7/2009									
10/8/2009									
10/9/2009									
10/19/2009									
10/20/2009									
10/21/2009									
10/22/2009									
4/21/2010									
4/26/2010									
4/27/2010									

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40 (bg)	GWA-41R (bg)	GWC-45	GWC-45R	GWC-44	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWA-4RZ (bg)
4/28/2010									
5/3/2010									
5/4/2010									
9/28/2010									
9/29/2010									
9/30/2010									
10/4/2010									
10/5/2010									
10/6/2010									
10/11/2010									
10/12/2010									
4/12/2011									
4/13/2011									
4/14/2011									
4/18/2011									
4/19/2011									
4/20/2011									
4/21/2011									
4/26/2011									
4/27/2011									
4/28/2011									
10/4/2011									
10/5/2011									
10/12/2011									
10/13/2011									
10/17/2011									
10/18/2011									
10/19/2011									
4/3/2012									
4/4/2012									
4/11/2012									
4/23/2012									
4/24/2012									
4/25/2012									
4/30/2012									
5/1/2012									
5/2/2012									
10/2/2012									
10/3/2012									
10/8/2012									
10/9/2012									
10/10/2012									
4/2/2013									
4/3/2013									
4/8/2013									
4/9/2013									
4/10/2013									
4/11/2013									
4/12/2013									
4/15/2013									
4/16/2013									
10/8/2013									

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40 (bg)	GWA-41R (bg)	GWC-45	GWC-45R	GWC-44	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWA-4RZ (bg)
10/9/2013									
10/15/2013									
10/16/2013									
10/22/2013									
4/1/2014									
4/2/2014									
4/9/2014									
4/10/2014									
4/11/2014									
4/14/2014									
4/21/2014									
4/22/2014									
4/23/2014									
9/30/2014									
10/1/2014									
10/2/2014									
10/3/2014									
10/4/2014									
3/30/2015									
3/31/2015									
4/1/2015									
4/2/2015									
4/3/2015									
10/6/2015									
10/7/2015									
10/8/2015									
10/9/2015									
10/10/2015									
10/11/2015									
10/12/2015									
10/13/2015									
10/14/2015									
10/15/2015									
3/10/2016									
3/11/2016									
3/14/2016									
3/15/2016	<0.0005	<0.0005							
3/16/2016			<0.0005	<0.0005	<0.0005				
3/17/2016						<0.0005	<0.0005		
3/22/2016									
3/23/2016									
3/28/2016									
3/29/2016									
3/30/2016									
3/31/2016									
4/4/2016									
4/5/2016									
5/11/2016	<0.0005								
5/12/2016									
5/13/2016		<0.0005							
5/16/2016			<0.0005 (D)	<0.0005 (D)	<0.0005			<0.0005 (D)	
5/17/2016									

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40 (bg)	GWA-41R (bg)	GWC-45	GWC-45R	GWC-44	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWA-4RZ (bg)
5/18/2016						<0.0005	<0.0005		
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016									
5/25/2016									
5/26/2016									
5/27/2016									
5/31/2016									
6/1/2016									
7/19/2016									
7/20/2016									
7/21/2016	<0.0005	<0.0005							
7/22/2016									
7/25/2016			<0.0005 (D)	<0.0005 (D)	<0.0005				
7/26/2016									
7/27/2016							<0.0005	<0.0005 (D)	
7/28/2016						<0.0005			
7/29/2016									
8/1/2016									
8/2/2016									
8/3/2016									
8/4/2016									
8/5/2016									
9/15/2016	<0.0005								
9/16/2016									
9/19/2016			<0.0005 (D)	<0.0005 (D)	<0.0005				
9/20/2016									
9/21/2016		<0.0005				<0.0005	<0.0005		
9/22/2016									
9/23/2016									
9/26/2016									
9/27/2016									
9/28/2016									
9/29/2016									
9/30/2016									
11/2/2016									
11/3/2016	<0.0005	<0.0005		<0.0005 (D)	<0.0005				
11/4/2016			<0.0005 (D)				<0.0005		
11/7/2016						<0.0005			
11/9/2016									
11/10/2016									
11/11/2016									
11/18/2016									
11/22/2016									
11/23/2016									
11/28/2016									
1/17/2017	<0.0005	<0.0005							
1/18/2017									
1/19/2017					<0.0005				
1/20/2017				<0.0005 (D)					
1/23/2017			<0.0005 (D)						

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40 (bg)	GWA-41R (bg)	GWC-45	GWC-45R	GWC-44	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWA-4RZ (bg)
1/24/2017						5E-05 (J)	5E-05 (J)		
1/30/2017									
1/31/2017									
2/1/2017									
2/6/2017									
2/7/2017									
2/8/2017									
2/9/2017									
2/10/2017									
2/13/2017									
2/21/2017								<0.0005	
2/22/2017									<0.0005
3/24/2017	<0.0005								
3/27/2017		<0.0005						<0.0005 (D)	
3/28/2017					<0.0005				
3/29/2017			0.000285 (J*D)	0.000285 (*JD)			<0.0005 (*)		
3/30/2017						<0.0005 (*)			
4/3/2017									
4/6/2017									
4/7/2017									<0.0005
4/10/2017									
4/11/2017									
4/12/2017									
5/24/2017	<0.0005								
6/5/2017					<0.0005				
6/6/2017		<0.0005							
6/7/2017			<0.0005	<0.0005					
6/8/2017							<0.0005	<0.0005 (D)	
6/9/2017						<0.0005			
6/12/2017									
6/13/2017									
6/14/2017									0.000286 (JD)
6/15/2017									
6/16/2017									
7/12/2017									<0.0005 (D)
7/17/2017								<0.0005 (D)	
7/20/2017									<0.0005 (D)
7/26/2017									
7/27/2017								<0.0005	
7/28/2017									<0.0005
8/9/2017								<0.0005	<0.0005
8/10/2017									
8/24/2017									<0.0005
9/22/2017									
9/25/2017		<0.0005							
9/26/2017	<0.0005				<0.0005				
9/27/2017			<0.0005	<0.0005					
9/29/2017						<0.0005	4E-05 (J)	<0.0005 (D)	
10/2/2017									
10/3/2017									<0.0005 (D)
10/4/2017									
10/6/2017									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40 (bg)	GWA-41R (bg)	GWC-45	GWC-45R	GWC-44	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWA-4RZ (bg)
10/9/2017									
3/14/2018	<0.0005	<0.0005							
3/15/2018			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
3/16/2018								<0.0005	
3/19/2018									
3/20/2018									
3/21/2018									<0.0005
3/22/2018									
3/23/2018									
9/12/2018	3.8E-05 (J)	<0.0005			<0.0005				
9/13/2018			<0.0005	<0.0005			<0.0005		
9/14/2018						<0.0005		4.1E-05 (J)	
9/17/2018									
9/18/2018									<0.0005
9/19/2018									
9/20/2018									
3/13/2019	<0.0005								
3/14/2019		<0.0005	<0.0005 (D)	<0.0005 (D)	<0.0005			<0.0005	
3/15/2019									
3/18/2019							<0.0005		
3/19/2019						4.5E-05 (J)			
3/20/2019									
3/21/2019									<0.0005 (D)
3/22/2019									
3/23/2019									
3/25/2019									
3/27/2019									
9/9/2019	<0.0005								
9/10/2019		<0.0005							
9/11/2019			<0.0005 (D)	<0.0005 (D)	<0.0005	<0.0005	<0.0005		
9/12/2019									<0.0005 (D)
9/13/2019									
9/16/2019									
9/17/2019									
9/18/2019									
3/6/2020									
3/9/2020	<0.0005	<0.0005				<0.0005		<0.0005	
3/10/2020			<0.0005	<0.0005	<0.0005				
3/11/2020							<0.0005		
3/12/2020									<0.0005
3/13/2020									
3/16/2020									
3/17/2020									
9/10/2020		<0.0005							
9/11/2020	<0.0005		<0.0005	<0.0005			<0.0005		
9/14/2020						<0.0005			
9/15/2020					<0.0005				
9/16/2020								<0.0005	
9/17/2020									<0.0005
9/21/2020									
9/22/2020									
3/10/2021	<0.0005	<0.0005							

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40 (bg)	GWA-41R (bg)	GWC-45	GWC-45R	GWC-44	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWA-4RZ (bg)
3/11/2021			<0.0005	<0.0005	<0.0005				
3/12/2021									
3/15/2021						<0.0005	<0.0005		
3/16/2021								<0.0005	<0.0005
3/17/2021									
3/18/2021									
3/19/2021									
3/29/2021									
8/4/2021	9.4E-05 (J)	9.4E-05 (J)			8.7E-05 (J)				
8/5/2021						0.0002			
8/6/2021			<0.0005	<0.0005				<0.0005	
8/9/2021									
8/10/2021									<0.0005
8/11/2021							<0.0005		
8/12/2021									
10/28/2021									
1/31/2022	<0.0005	<0.0005			<0.0005				
2/1/2022			<0.0005	<0.0005		<0.0005	<0.0005		
2/2/2022								<0.0005	
2/3/2022									<0.0005
2/4/2022									
2/7/2022									
2/17/2022									
4/28/2022									
8/10/2022									
8/11/2022		<0.0005							
8/12/2022	<0.0005		<0.0005	<0.0005					
8/15/2022					<0.0005	<0.0005	<0.0005		
8/16/2022								<0.0005	
8/17/2022									<0.0005
8/18/2022									
8/19/2022									
2/13/2023	<0.0005	0.00013 (J)							
2/14/2023			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
2/16/2023									
2/17/2023									<0.0005
2/20/2023									
2/21/2023									
2/22/2023									
3/16/2023									
7/25/2023		<0.0005						<0.0005	
7/26/2023	<0.0005		<0.0005	<0.0005	<0.0005				
7/27/2023						<0.0005	<0.0005		
7/28/2023									<0.0005
7/31/2023									
8/1/2023									
8/2/2023									
2/19/2024	<0.0005	<0.0005						<0.0005	
2/20/2024			<0.0005	<0.0005	<0.0005				
2/21/2024						<0.0005	<0.0005		
2/22/2024									
2/26/2024									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40 (bg)	GWA-41R (bg)	GWC-45	GWC-45R	GWC-44	GWC-49Z	GWC-49R	GWA-39RZ (bg)	GWA-4RZ (bg)
2/27/2024									<0.0005
2/28/2024									
8/1/2024	<0.0005	<0.0005						<0.0005	
8/2/2024									
8/5/2024			<0.0005	<0.0005					
8/6/2024					<0.0005	<0.0005	<0.0005		
8/7/2024									
8/8/2024									<0.0005
8/12/2024									
8/13/2024									
2/25/2025	<0.0005	<0.0005							
2/26/2025			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
2/27/2025									
2/28/2025									<0.0005
3/3/2025									
3/4/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R (bg)	GWC-15Z	GWC-8Z	GWC-6	GWC-11R	GWA-50R (bg)	GWA-50 (bg)	GWC-10R	GWC-5
3/30/2015	7E-05								
10/6/2015		0.0005 (D)							
10/8/2015			0.0001 (D)						
10/9/2015				<0.001					
10/11/2015					0.0002	<0.001	<0.001		
10/12/2015								<0.001	<0.001
10/13/2015	<0.001								
10/14/2015									
3/10/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/16/2016									
3/17/2016									
3/22/2016			<0.001						
3/23/2016	<0.001								
3/28/2016						<0.001	<0.001		<0.001
3/29/2016				<0.001					
3/31/2016								<0.001	
4/4/2016					<0.001				
4/5/2016		0.00036 (J)							
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/17/2016									
5/18/2016									
5/19/2016	<0.001								
5/20/2016									
5/23/2016							<0.001		
5/24/2016				<0.001					
5/25/2016			<0.001			<0.001			<0.001
5/26/2016					<0.001			<0.001	
5/31/2016		0.000373 (J)							
6/1/2016									
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/25/2016									
7/26/2016									
7/27/2016									
7/28/2016									
7/29/2016	<0.001								
8/1/2016				<0.001		<0.001	<0.001		<0.001
8/2/2016			<0.001						
8/3/2016								0.0001 (J)	
8/4/2016					<0.001				
9/15/2016									
9/16/2016									
9/19/2016									
9/20/2016									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R (bg)	GWC-15Z	GWC-8Z	GWC-6	GWC-11R	GWA-50R (bg)	GWA-50 (bg)	GWC-10R	GWC-5
9/21/2016									
9/22/2016	<0.001								
9/23/2016									
9/26/2016			<0.001	<0.001		<0.001	<0.001		
9/27/2016									<0.001
9/28/2016					<0.001			<0.001	
11/2/2016									
11/3/2016									
11/4/2016									
11/7/2016									
11/9/2016									
11/10/2016	<0.001						<0.001		
11/11/2016						<0.001			<0.001
11/18/2016				<0.001					
11/21/2016			<0.001						
11/22/2016					<0.001			<0.001	
11/23/2016		<0.001							
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017									
1/23/2017									
1/24/2017									
1/30/2017						<0.001	<0.001		
1/31/2017	<0.001								<0.001
2/1/2017				<0.001					
2/3/2017			<0.001						
2/7/2017								<0.001	
2/8/2017					<0.001				
2/10/2017		<0.001							
2/21/2017									
2/22/2017									
3/24/2017									
3/27/2017									
3/28/2017									
3/29/2017									
3/30/2017									
4/3/2017	<0.001					<0.001			<0.001
4/6/2017				5E-05 (J)					
4/7/2017			<0.001				<0.001		
4/10/2017					<0.001			<0.001	
4/11/2017		<0.001							
5/24/2017									
6/5/2017									
6/6/2017									
6/7/2017									
6/8/2017									
6/9/2017	<0.001								
6/12/2017						<0.001	<0.001		<0.001
6/13/2017			7E-05 (J)	<0.001					
6/14/2017								<0.001	
6/15/2017		<0.001			<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R (bg)	GWC-15Z	GWC-8Z	GWC-6	GWC-11R	GWA-50R (bg)	GWA-50 (bg)	GWC-10R	GWC-5
6/16/2017									
7/12/2017		<0.001							
7/14/2017									
7/17/2017									
7/20/2017									
7/26/2017		<0.001							
7/27/2017									
7/28/2017									
8/9/2017									
8/10/2017									
8/24/2017									
9/22/2017									
9/25/2017									
9/26/2017									
9/27/2017									
9/29/2017									
10/2/2017	<0.001					<0.001	<0.001		
10/3/2017			<0.001	<0.001					<0.001
10/4/2017					<0.001			<0.001	
10/6/2017		<0.001							
3/14/2018									
3/15/2018									
3/16/2018	<0.001					<0.001	<0.001		
3/19/2018				<0.001					<0.001
3/20/2018			<0.001						
3/21/2018								<0.001	
3/22/2018					<0.001				
3/23/2018		<0.001							
9/12/2018									
9/13/2018									
9/14/2018	<0.001								
9/17/2018				<0.001			<0.001		<0.001
9/18/2018			<0.001		<0.001	<0.001		<0.001	
9/19/2018		<0.001							
9/20/2018									
3/13/2019									
3/14/2019									
3/15/2019									
3/18/2019									
3/19/2019	<0.001					<0.001	<0.001		
3/20/2019									<0.001
3/21/2019				<0.001					
3/22/2019		<0.001						<0.001	
3/23/2019					<0.001				
5/6/2019			<0.001						
9/9/2019									
9/10/2019									
9/11/2019									
9/12/2019						<0.001			
9/13/2019	6.2E-05 (J)						<0.001		
9/16/2019			<0.001	<0.001					8.4E-05 (J)
9/17/2019		<0.001			<0.001			<0.001	

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R (bg)	GWC-15Z	GWC-8Z	GWC-6	GWC-11R	GWA-50R (bg)	GWA-50 (bg)	GWC-10R	GWC-5
9/18/2019									
3/6/2020									
3/9/2020									
3/10/2020									
3/11/2020	<0.001					5.9E-05 (J)	<0.001		
3/12/2020				<0.001	<0.001			5.4E-05 (J)	
3/13/2020		<0.001							
3/16/2020			<0.001						<0.001
3/17/2020									
9/10/2020									
9/11/2020									
9/14/2020									
9/15/2020	<0.001					<0.001			
9/16/2020				<0.001			<0.001		<0.001
9/17/2020			<0.001					<0.001	
9/21/2020		<0.001			<0.001				
9/22/2020									
3/10/2021									
3/11/2021									
3/12/2021									
3/15/2021									
3/16/2021	<0.001								
3/17/2021				<0.001		<0.001	<0.001		<0.001
3/18/2021		<0.001	<0.001					<0.001	
3/19/2021					<0.001				
3/29/2021									
8/4/2021									
8/5/2021									
8/6/2021									
8/9/2021	<0.001					<0.001	<0.001		<0.001
8/10/2021			<0.001	<0.001					
8/11/2021		<0.001			<0.001			<0.001	
8/12/2021									
1/31/2022									
2/1/2022	<0.001						<0.001		
2/2/2022			<0.001	<0.001		<0.001			<0.001
2/3/2022									
2/4/2022					<0.001			<0.001	
2/7/2022		<0.001							
8/10/2022									
8/11/2022									
8/12/2022									
8/15/2022									
8/16/2022	<0.001						<0.001		<0.001
8/17/2022			<0.001	<0.001		<0.001			
8/18/2022					<0.001			<0.001	
8/19/2022		<0.001							
2/13/2023									
2/14/2023									
2/16/2023	<0.001					<0.001	<0.001		
2/17/2023				<0.001					
2/20/2023			<0.001		<0.001			<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R (bg)	GWC-15Z	GWC-8Z	GWC-6	GWC-11R	GWA-50R (bg)	GWA-50 (bg)	GWC-10R	GWC-5
2/22/2023		<0.001							
7/25/2023									
7/26/2023									
7/27/2023	<0.001								
7/28/2023						<0.001	<0.001		<0.001
7/31/2023			<0.001	<0.001				<0.001	
8/1/2023		<0.001			<0.001				
8/2/2023									
2/19/2024									
2/20/2024									
2/21/2024									
2/22/2024						<0.001	<0.001		
2/26/2024	<0.001		<0.001	<0.001					<0.001
2/27/2024								<0.001	
2/28/2024		<0.001			<0.001				
8/1/2024									
8/2/2024									
8/5/2024									
8/6/2024	<0.001								
8/7/2024									
8/8/2024				<0.001		<0.001	<0.001		<0.001
8/12/2024			<0.001		<0.001			<0.001	
8/13/2024		<0.001							
2/25/2025									
2/26/2025									
2/27/2025	<0.001			<0.001			<0.001		<0.001
2/28/2025			<0.001			<0.001			
3/3/2025		<0.001			<0.001			<0.001	
3/4/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2 (bg)	GWA-1 (bg)	GWC-13RZ	GWC-47	GWC-46R	GWC-47R	GWC-48	GWA-43 (bg)
3/30/2015									
10/6/2015									
10/8/2015									
10/9/2015									
10/11/2015									
10/12/2015	<0.001								
10/13/2015		<0.001	<0.001						
10/14/2015				<0.001					
3/10/2016					<0.001	<0.001	0.00116	<0.001	
3/11/2016									<0.001
3/14/2016									
3/15/2016									
3/16/2016									
3/17/2016									
3/22/2016			<0.001						
3/23/2016	<0.001	<0.001							
3/28/2016									
3/29/2016									
3/31/2016									
4/4/2016				<0.001					
4/5/2016									
5/11/2016									
5/12/2016									
5/13/2016									<0.001
5/16/2016									
5/17/2016						<0.001		<0.001	
5/18/2016					<0.001		0.000768 (J)		
5/19/2016			<0.001						
5/20/2016		<0.001							
5/23/2016	<0.001								
5/24/2016									
5/25/2016									
5/26/2016									
5/31/2016									
6/1/2016				<0.001					
7/19/2016									<0.001 (*)
7/20/2016									
7/21/2016									
7/22/2016									
7/25/2016									
7/26/2016						7E-05 (J)			
7/27/2016					9E-05 (J)		0.0004 (J)	9E-05 (J)	
7/28/2016									
7/29/2016	<0.001	<0.001	<0.001						
8/1/2016									
8/2/2016									
8/3/2016									
8/4/2016									
9/15/2016									
9/16/2016									<0.001
9/19/2016									
9/20/2016					<0.001	<0.001	0.0004 (J)	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2 (bg)	GWA-1 (bg)	GWC-13RZ	GWC-47	GWC-46R	GWC-47R	GWC-48	GWA-43 (bg)
9/21/2016									
9/22/2016	<0.001								
9/23/2016		<0.001	<0.001						
9/26/2016									
9/27/2016									
9/28/2016									
11/2/2016									<0.001
11/3/2016									
11/4/2016						<0.001	0.0003 (J)	<0.001	
11/7/2016					<0.001				
11/9/2016		<0.001	<0.001						
11/10/2016	<0.001								
11/11/2016									
11/18/2016									
11/21/2016									
11/22/2016									
11/23/2016									
1/17/2017									
1/18/2017									<0.001
1/19/2017									
1/20/2017						<0.001	0.0003 (J)		
1/23/2017					<0.001			<0.001	
1/24/2017									
1/30/2017			<0.001						
1/31/2017	<0.001	<0.001							
2/1/2017									
2/3/2017									
2/7/2017									
2/8/2017									
2/10/2017									
2/21/2017									
2/22/2017				<0.001					
3/24/2017									
3/27/2017									
3/28/2017						7E-05 (J)		6E-05 (J)	5E-05 (J)
3/29/2017					7E-05 (J)		0.0003 (J)		
3/30/2017	<0.001	<0.001	<0.001						
4/3/2017									
4/6/2017									
4/7/2017									
4/10/2017									
4/11/2017				<0.001					
5/24/2017									
6/5/2017									
6/6/2017									<0.001
6/7/2017						6E-05 (J)			
6/8/2017					<0.001		0.0003 (J)	8E-05 (J)	
6/9/2017			<0.001						
6/12/2017	<0.001	<0.001							
6/13/2017									
6/14/2017									
6/15/2017									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2 (bg)	GWA-1 (bg)	GWC-13RZ	GWC-47	GWC-46R	GWC-47R	GWC-48	GWA-43 (bg)
6/16/2017				<0.001					
7/12/2017				6E-05 (J)					
7/14/2017									
7/17/2017									
7/20/2017									
7/26/2017									
7/27/2017									
7/28/2017				<0.001					
8/9/2017									
8/10/2017				<0.001					
8/24/2017									
9/22/2017									<0.001
9/25/2017									
9/26/2017									
9/27/2017					6E-05 (J)		0.0003 (J)		
9/29/2017						6E-05 (J)		9E-05 (J)	
10/2/2017		<0.001	<0.001						
10/3/2017									
10/4/2017	<0.001								
10/6/2017				<0.001					
3/14/2018									<0.001
3/15/2018					<0.001	<0.001		<0.001	
3/16/2018			<0.001				0.00036 (J)		
3/19/2018	<0.001	<0.001							
3/20/2018									
3/21/2018									
3/22/2018									
3/23/2018				<0.001					
9/12/2018									<0.001
9/13/2018					<0.001	<0.001	0.00021 (J)	<0.001	
9/14/2018		<0.001							
9/17/2018	<0.001		<0.001 (D)						
9/18/2018									
9/19/2018									
9/20/2018				<0.001					
3/13/2019									<0.001
3/14/2019									
3/15/2019					<0.001			<0.001	
3/18/2019						<0.001			
3/19/2019							0.00027 (J)		
3/20/2019	<0.001	<0.001	<0.001						
3/21/2019									
3/22/2019				<0.001					
3/23/2019									
5/6/2019									
9/9/2019									
9/10/2019									
9/11/2019						<0.001	0.00023 (J)	0.000115 (JD)	6.2E-05 (J)
9/12/2019		<0.001 (D)	<0.001		<0.001				
9/13/2019	<0.001								
9/16/2019									
9/17/2019									

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2 (bg)	GWA-1 (bg)	GWC-13RZ	GWC-47	GWC-46R	GWC-47R	GWC-48	GWA-43 (bg)
9/18/2019				<0.001					
3/6/2020									
3/9/2020					<0.001		0.00021 (J)	9E-05 (J)	<0.001
3/10/2020						<0.001			
3/11/2020	<0.001	<0.001	<0.001						
3/12/2020									
3/13/2020									
3/16/2020									
3/17/2020				<0.001					
9/10/2020									
9/11/2020									<0.001
9/14/2020					<0.001	<0.001		<0.001	
9/15/2020		<0.001	<0.001				0.00016 (J)		
9/16/2020									
9/17/2020									
9/21/2020									
9/22/2020				<0.001					
3/10/2021									
3/11/2021					<0.001	<0.001	<0.001	<0.001	<0.001
3/12/2021									
3/15/2021									
3/16/2021			<0.001						
3/17/2021		<0.001							
3/18/2021									
3/19/2021				<0.001					
3/29/2021	<0.001								
8/4/2021								<0.001	
8/5/2021					<0.001	<0.001	<0.001		
8/6/2021									<0.001
8/9/2021	<0.001	<0.001	<0.001						
8/10/2021									
8/11/2021									
8/12/2021				<0.001					
1/31/2022						<0.001		<0.001	<0.001
2/1/2022		<0.001	<0.001		<0.001		<0.001		
2/2/2022	<0.001								
2/3/2022									
2/4/2022				<0.001					
2/7/2022									
8/10/2022									
8/11/2022									<0.001
8/12/2022									
8/15/2022					<0.001	<0.001	<0.001	<0.001	
8/16/2022	<0.001	<0.001	<0.001						
8/17/2022									
8/18/2022									
8/19/2022				<0.001					
2/13/2023									
2/14/2023					<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2023		<0.001	<0.001						
2/17/2023	<0.001								
2/20/2023									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2 (bg)	GWA-1 (bg)	GWC-13RZ	GWC-47	GWC-46R	GWC-47R	GWC-48	GWA-43 (bg)
2/22/2023				<0.001					
7/25/2023									<0.001
7/26/2023						<0.001		<0.001	
7/27/2023		<0.001	<0.001		0.0002 (J)		0.0002 (J)		
7/28/2023									
7/31/2023									
8/1/2023	<0.001								
8/2/2023				<0.001					
2/19/2024									
2/20/2024									<0.001
2/21/2024					<0.001	<0.001	<0.001	<0.001	
2/22/2024	<0.001	<0.001	<0.001						
2/26/2024									
2/27/2024									
2/28/2024				<0.001					
8/1/2024									
8/2/2024									<0.001
8/5/2024					<0.001	<0.001	<0.001	<0.001	
8/6/2024									
8/7/2024		<0.001	<0.001						
8/8/2024	<0.001								
8/12/2024									
8/13/2024				<0.001					
2/25/2025									<0.001
2/26/2025	<0.001				<0.001	<0.001	<0.001	<0.001	
2/27/2025		<0.001	<0.001						
2/28/2025									
3/3/2025									
3/4/2025				<0.001					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-40 (bg)	GWA-41R (bg)	GWC-44	GWC-49Z	GWC-49R
3/30/2015									
10/6/2015									
10/8/2015									
10/9/2015									
10/11/2015									
10/12/2015									
10/13/2015									
10/14/2015									
3/10/2016									
3/11/2016	<0.001	<0.001							
3/14/2016			<0.001						
3/15/2016				<0.001	<0.001	<0.001			
3/16/2016							<0.001		
3/17/2016								<0.001	<0.001
3/22/2016									
3/23/2016									
3/28/2016									
3/29/2016									
3/31/2016									
4/4/2016									
4/5/2016									
5/11/2016			<0.001		<0.001				
5/12/2016				<0.001					
5/13/2016	<0.001					<0.001			
5/16/2016		<0.001					<0.001		
5/17/2016									
5/18/2016								<0.001	<0.001
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016									
5/25/2016									
5/26/2016									
5/31/2016									
6/1/2016									
7/19/2016	<0.001		<0.001 (*)						
7/20/2016				<0.001					
7/21/2016					<0.001	<0.001			
7/22/2016		0.0002 (J)							
7/25/2016							<0.001		
7/26/2016									
7/27/2016									0.0001 (J)
7/28/2016								<0.001	
7/29/2016									
8/1/2016									
8/2/2016									
8/3/2016									
8/4/2016									
9/15/2016			<0.001	<0.001	<0.001				
9/16/2016	<0.001								
9/19/2016		<0.001					<0.001		
9/20/2016									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-40 (bg)	GWA-41R (bg)	GWC-44	GWC-49Z	GWC-49R
9/21/2016						<0.001		<0.001	<0.001
9/22/2016									
9/23/2016									
9/26/2016									
9/27/2016									
9/28/2016									
11/2/2016	<0.001		<0.001						
11/3/2016		<0.001		<0.001	<0.001	<0.001	<0.001		
11/4/2016									<0.001
11/7/2016								<0.001	
11/9/2016									
11/10/2016									
11/11/2016									
11/18/2016									
11/21/2016									
11/22/2016									
11/23/2016									
1/17/2017		<0.001			<0.001	<0.001			
1/18/2017	<0.001		<0.001	<0.001					
1/19/2017							<0.001		
1/20/2017									
1/23/2017									
1/24/2017								<0.001	<0.001
1/30/2017									
1/31/2017									
2/1/2017									
2/3/2017									
2/7/2017									
2/8/2017									
2/10/2017									
2/21/2017									
2/22/2017									
3/24/2017				<0.001	<0.001				
3/27/2017		<0.001				<0.001			
3/28/2017	<0.001		5E-05 (J)				5E-05 (J)		
3/29/2017									<0.001
3/30/2017								5E-05 (J)	
4/3/2017									
4/6/2017									
4/7/2017									
4/10/2017									
4/11/2017									
5/24/2017					<0.001				
6/5/2017							5E-05 (J)		
6/6/2017	<0.001			<0.001		0.0002 (J)			
6/7/2017		<0.001	<0.001						
6/8/2017									<0.001
6/9/2017								<0.001	
6/12/2017									
6/13/2017									
6/14/2017									
6/15/2017									

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-40 (bg)	GWA-41R (bg)	GWC-44	GWC-49Z	GWC-49R
6/16/2017									
7/12/2017									
7/14/2017									
7/17/2017									
7/20/2017									
7/26/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/10/2017									
8/24/2017									
9/22/2017	<0.001								
9/25/2017				<0.001		<0.001			
9/26/2017		<0.001	7E-05 (J)		<0.001		<0.001		
9/27/2017									
9/29/2017								<0.001	<0.001
10/2/2017									
10/3/2017									
10/4/2017									
10/6/2017									
3/14/2018		<0.001	<0.001	<0.001	<0.001	<0.001			
3/15/2018	<0.001						<0.001	<0.001	<0.001
3/16/2018									
3/19/2018									
3/20/2018									
3/21/2018									
3/22/2018									
3/23/2018									
9/12/2018	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001		
9/13/2018									<0.001
9/14/2018		<0.001						<0.001	
9/17/2018									
9/18/2018									
9/19/2018									
9/20/2018									
3/13/2019	<0.001				<0.001				
3/14/2019		<0.001		<0.001		<0.001	<0.001		
3/15/2019			<0.001						
3/18/2019									<0.001
3/19/2019								<0.001	
3/20/2019									
3/21/2019									
3/22/2019									
3/23/2019									
5/6/2019									
9/9/2019			<0.001		<0.001				
9/10/2019		<0.001		<0.001 (D)		<0.001			
9/11/2019	<0.001						<0.001	<0.001	<0.001
9/12/2019									
9/13/2019									
9/16/2019									
9/17/2019									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-40 (bg)	GWA-41R (bg)	GWC-44	GWC-49Z	GWC-49R
9/18/2019									
3/6/2020		8.6E-05 (J)		<0.001					
3/9/2020	<0.001		<0.001		7.8E-05 (J)	6.1E-05 (J)		<0.001	
3/10/2020							<0.001		
3/11/2020									<0.001
3/12/2020									
3/13/2020									
3/16/2020									
3/17/2020									
9/10/2020		<0.001	<0.001	<0.001		<0.001			
9/11/2020					<0.001				<0.001
9/14/2020	<0.001							<0.001	
9/15/2020							<0.001		
9/16/2020									
9/17/2020									
9/21/2020									
9/22/2020									
3/10/2021					<0.001	<0.001			
3/11/2021	<0.001	<0.001		<0.001			<0.001		
3/12/2021			<0.001						
3/15/2021								<0.001	<0.001
3/16/2021									
3/17/2021									
3/18/2021									
3/19/2021									
3/29/2021									
8/4/2021		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
8/5/2021	<0.001							<0.001	
8/6/2021									
8/9/2021									
8/10/2021									
8/11/2021									<0.001
8/12/2021									
1/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
2/1/2022								<0.001	<0.001
2/2/2022									
2/3/2022									
2/4/2022									
2/7/2022									
8/10/2022	<0.001	<0.001	<0.001						
8/11/2022				<0.001		<0.001			
8/12/2022					<0.001				
8/15/2022							<0.001	<0.001	<0.001
8/16/2022									
8/17/2022									
8/18/2022									
8/19/2022									
2/13/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
2/14/2023							<0.001	<0.001	<0.001
2/16/2023									
2/17/2023									
2/20/2023									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-40 (bg)	GWA-41R (bg)	GWC-44	GWC-49Z	GWC-49R
2/22/2023									
7/25/2023	<0.001			<0.001		<0.001			
7/26/2023		<0.001	<0.001		<0.001		<0.001		
7/27/2023								<0.001	<0.001
7/28/2023									
7/31/2023									
8/1/2023									
8/2/2023									
2/19/2024			<0.001	<0.001	<0.001	<0.001			
2/20/2024	<0.001	<0.001					<0.001		
2/21/2024								<0.001	<0.001
2/22/2024									
2/26/2024									
2/27/2024									
2/28/2024									
8/1/2024		<0.001	<0.001	<0.001	<0.001	<0.001			
8/2/2024	<0.001								
8/5/2024									
8/6/2024							<0.001	<0.001	<0.001
8/7/2024									
8/8/2024									
8/12/2024									
8/13/2024									
2/25/2025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
2/26/2025							<0.001	<0.001	<0.001
2/27/2025									
2/28/2025									
3/3/2025									
3/4/2025									

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
3/30/2015			
10/6/2015			
10/8/2015			
10/9/2015			
10/11/2015			
10/12/2015			
10/13/2015			
10/14/2015			
3/10/2016			
3/11/2016			
3/14/2016			
3/15/2016			
3/16/2016			
3/17/2016			
3/22/2016			
3/23/2016			
3/28/2016			
3/29/2016			
3/31/2016			
4/4/2016			
4/5/2016			
5/11/2016			
5/12/2016			
5/13/2016			
5/16/2016	<0.001 (D)		
5/17/2016			
5/18/2016			
5/19/2016			
5/20/2016			
5/23/2016			
5/24/2016			
5/25/2016			
5/26/2016			
5/31/2016		<0.001	
6/1/2016			
7/19/2016			
7/20/2016			
7/21/2016			
7/22/2016			
7/25/2016			
7/26/2016			
7/27/2016	0.0002 (JD)		
7/28/2016			
7/29/2016			
8/1/2016			
8/2/2016		<0.001	
8/3/2016			
8/4/2016			
9/15/2016			
9/16/2016			
9/19/2016			
9/20/2016			

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
9/21/2016			
9/22/2016			
9/23/2016			
9/26/2016			
9/27/2016		<0.001	
9/28/2016			
11/2/2016			
11/3/2016			
11/4/2016			
11/7/2016			
11/9/2016			
11/10/2016			
11/11/2016			
11/18/2016			
11/21/2016		<0.001	
11/22/2016			
11/23/2016			
1/17/2017			
1/18/2017			
1/19/2017			
1/20/2017			
1/23/2017			
1/24/2017			
1/30/2017			
1/31/2017			
2/1/2017		<0.001	
2/3/2017			
2/7/2017			
2/8/2017			
2/10/2017			
2/21/2017	<0.001		
2/22/2017			<0.001
3/24/2017			
3/27/2017	<0.001 (D)		
3/28/2017			
3/29/2017			
3/30/2017			
4/3/2017			
4/6/2017		<0.001	
4/7/2017			<0.001
4/10/2017			
4/11/2017			
5/24/2017			
6/5/2017			
6/6/2017			
6/7/2017			
6/8/2017	<0.001 (D)		
6/9/2017			
6/12/2017			
6/13/2017		<0.001	
6/14/2017			<0.001 (D)
6/15/2017			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
6/16/2017			
7/12/2017			<0.001 (D)
7/14/2017		<0.001	
7/17/2017	<0.001 (D)		
7/20/2017			<0.001 (D)
7/26/2017			
7/27/2017	<0.001		
7/28/2017			<0.001
8/9/2017	<0.001		<0.001
8/10/2017			
8/24/2017			<0.001
9/22/2017			
9/25/2017			
9/26/2017			
9/27/2017			
9/29/2017	<0.001 (D)		
10/2/2017			
10/3/2017		<0.001	<0.001 (D)
10/4/2017			
10/6/2017			
3/14/2018			
3/15/2018			
3/16/2018	<0.001		
3/19/2018			
3/20/2018		<0.001	
3/21/2018			<0.001
3/22/2018			
3/23/2018			
9/12/2018			
9/13/2018			
9/14/2018	<0.001		
9/17/2018			
9/18/2018		<0.001	<0.001
9/19/2018			
9/20/2018			
3/13/2019			
3/14/2019	<0.001		
3/15/2019			
3/18/2019			
3/19/2019			
3/20/2019			
3/21/2019		<0.001	<0.001 (D)
3/22/2019			
3/23/2019			
5/6/2019			
9/9/2019			
9/10/2019			
9/11/2019			
9/12/2019			<0.001 (D)
9/13/2019		5.7E-05 (J)	
9/16/2019			
9/17/2019			

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
9/18/2019			
3/6/2020			
3/9/2020	<0.001		
3/10/2020			
3/11/2020			
3/12/2020		0.00022 (J)	<0.001
3/13/2020			
3/16/2020			
3/17/2020			
9/10/2020			
9/11/2020			
9/14/2020			
9/15/2020			
9/16/2020	<0.001	0.00019 (J)	
9/17/2020			<0.001
9/21/2020			
9/22/2020			
3/10/2021			
3/11/2021			
3/12/2021			
3/15/2021			
3/16/2021	<0.001		<0.001
3/17/2021		0.00015 (J)	
3/18/2021			
3/19/2021			
3/29/2021			
8/4/2021			
8/5/2021			
8/6/2021	<0.001		
8/9/2021			
8/10/2021		<0.001	<0.001
8/11/2021			
8/12/2021			
1/31/2022			
2/1/2022			
2/2/2022	<0.001	<0.001	
2/3/2022			<0.001
2/4/2022			
2/7/2022			
8/10/2022			
8/11/2022			
8/12/2022			
8/15/2022			
8/16/2022	<0.001		
8/17/2022		0.00024 (J)	<0.001
8/18/2022			
8/19/2022			
2/13/2023			
2/14/2023	<0.001		
2/16/2023			
2/17/2023			<0.001
2/20/2023		<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/23/2025 2:25 PM View: Appendix I Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
2/22/2023			
7/25/2023	<0.001		
7/26/2023			
7/27/2023			
7/28/2023			<0.001
7/31/2023		<0.001	
8/1/2023			
8/2/2023			
2/19/2024	<0.001		
2/20/2024			
2/21/2024			
2/22/2024			
2/26/2024		<0.001	
2/27/2024			<0.001
2/28/2024			
8/1/2024	<0.001		
8/2/2024			
8/5/2024			
8/6/2024			
8/7/2024			
8/8/2024		<0.001	<0.001
8/12/2024			
8/13/2024			
2/25/2025			
2/26/2025	<0.001		
2/27/2025		<0.001	
2/28/2025			<0.001
3/3/2025			
3/4/2025			

ND substitution: RL or RL/2 if <15% NDs.

FIGURE I.

Appendix I Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Nickel (mg/L)	**GWA-50R (bg)**	**-0.0004021**	**-386**	**-176**	**Yes**	**34**	**11.76**	**n/a**	**0.01**	**NP**
Nickel (mg/L)	**GWC-48**	**0.000361**	**144**	**98**	**Yes**	**23**	**4.348**	**n/a**	**0.01**	**NP**

Appendix I Trend Tests - Prediction Limit Exceedances - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:27 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Mercury (mg/L)	GWA-1 (bg)	0	-1.348	-2.58	No	45	97.78	n/a	0.01	NP
Mercury (mg/L)	GWA-2 (bg)	0	-0.05507	-2.58	No	45	95.56	n/a	0.01	NP
Mercury (mg/L)	GWA-2R (bg)	0	0	2.58	No	45	100	n/a	0.01	NP
Mercury (mg/L)	GWA-39RZ (bg)	0	2	98	No	23	95.65	n/a	0.01	NP
Mercury (mg/L)	GWA-39Z (bg)	0	-9	-105	No	24	95.83	n/a	0.01	NP
Mercury (mg/L)	GWA-3A (bg)	0	-1.339	-2.58	No	44	97.73	n/a	0.01	NP
Mercury (mg/L)	GWA-40 (bg)	0	-5	-105	No	24	91.67	n/a	0.01	NP
Mercury (mg/L)	GWA-41 (bg)	0	-23	-105	No	24	91.67	n/a	0.01	NP
Mercury (mg/L)	GWA-41R (bg)	0	-23	-105	No	24	91.67	n/a	0.01	NP
Mercury (mg/L)	GWA-42 (bg)	0	-18	-105	No	24	87.5	n/a	0.01	NP
Mercury (mg/L)	GWA-43 (bg)	0	0	105	No	24	100	n/a	0.01	NP
Mercury (mg/L)	GWA-43R (bg)	0	-5	-105	No	24	91.67	n/a	0.01	NP
Mercury (mg/L)	GWA-4RZ (bg)	0	19	105	No	24	95.83	n/a	0.01	NP
Mercury (mg/L)	GWA-50 (bg)	0	12	214	No	39	97.44	n/a	0.01	NP
Mercury (mg/L)	GWA-50R (bg)	0	0	214	No	39	100	n/a	0.01	NP
Mercury (mg/L)	GWC-48	0	3	118	No	26	50	n/a	0.01	NP
Nickel (mg/L)	GWA-1 (bg)	0	-177	-214	No	39	76.92	n/a	0.01	NP
Nickel (mg/L)	GWA-2 (bg)	0	-39	-206	No	38	73.68	n/a	0.01	NP
Nickel (mg/L)	GWA-2R (bg)	0	-65	-214	No	39	82.05	n/a	0.01	NP
Nickel (mg/L)	GWA-39RZ (bg)	0	-6	-74	No	19	73.68	n/a	0.01	NP
Nickel (mg/L)	GWA-39Z (bg)	0	-16	-92	No	22	45.45	n/a	0.01	NP
Nickel (mg/L)	GWA-3A (bg)	0	0	25	No	9	100	n/a	0.01	NP
Nickel (mg/L)	GWA-40 (bg)	0	0	98	No	23	100	n/a	0.01	NP
Nickel (mg/L)	GWA-41 (bg)	0	30	98	No	23	65.22	n/a	0.01	NP
Nickel (mg/L)	GWA-41R (bg)	0	0	98	No	23	60.87	n/a	0.01	NP
Nickel (mg/L)	GWA-42 (bg)	0	1	98	No	23	17.39	n/a	0.01	NP
Nickel (mg/L)	GWA-43 (bg)	0.00001334	78	98	No	23	52.17	n/a	0.01	NP
Nickel (mg/L)	GWA-43R (bg)	0	12	98	No	23	95.65	n/a	0.01	NP
Nickel (mg/L)	GWA-4RZ (bg)	0	11	63	No	17	88.24	n/a	0.01	NP
Nickel (mg/L)	GWA-50 (bg)	0	-121	-176	No	34	47.06	n/a	0.01	NP
Nickel (mg/L)	**GWA-50R (bg)**	**-0.0004021**	**-386**	**-176**	**Yes**	**34**	**11.76**	**n/a**	**0.01**	**NP**
Nickel (mg/L)	**GWC-48**	**0.000361**	**144**	**98**	**Yes**	**23**	**4.348**	**n/a**	**0.01**	**NP**

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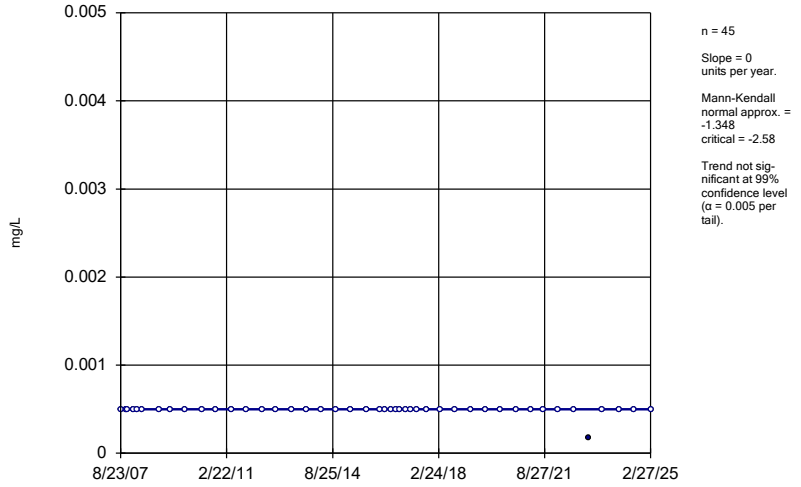
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-1 (bg)



n = 45

Slope = 0
units per year.

Mann-Kendall
normal approx. =
-1.348
critical = -2.58

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Mercury Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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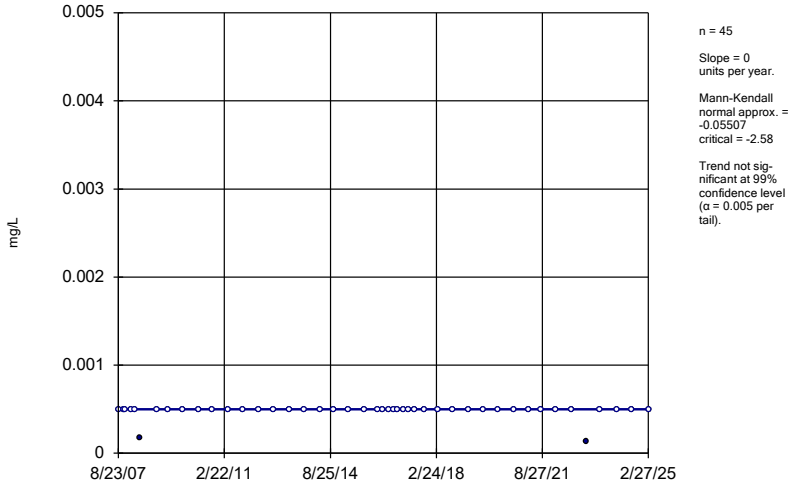
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-2 (bg)



n = 45

Slope = 0
units per year.

Mann-Kendall
normal approx. =
-0.05507
critical = -2.58

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Mercury Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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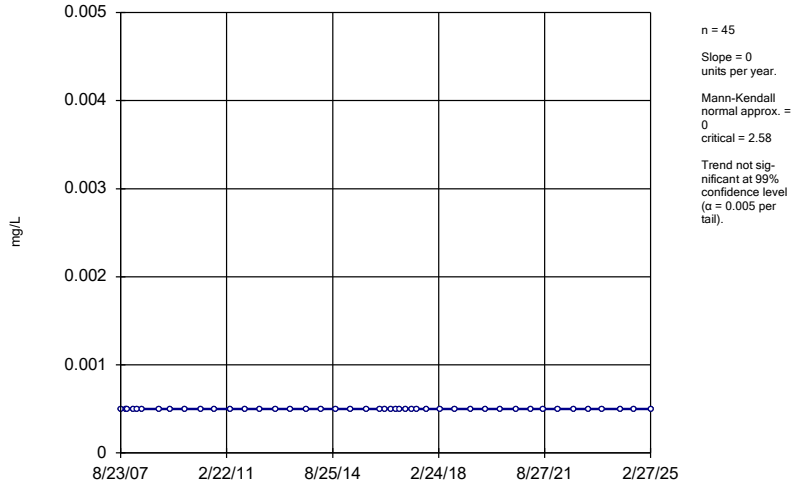
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-2R (bg)



n = 45

Slope = 0
units per year.

Mann-Kendall
normal approx. =
0
critical = 2.58

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Mercury Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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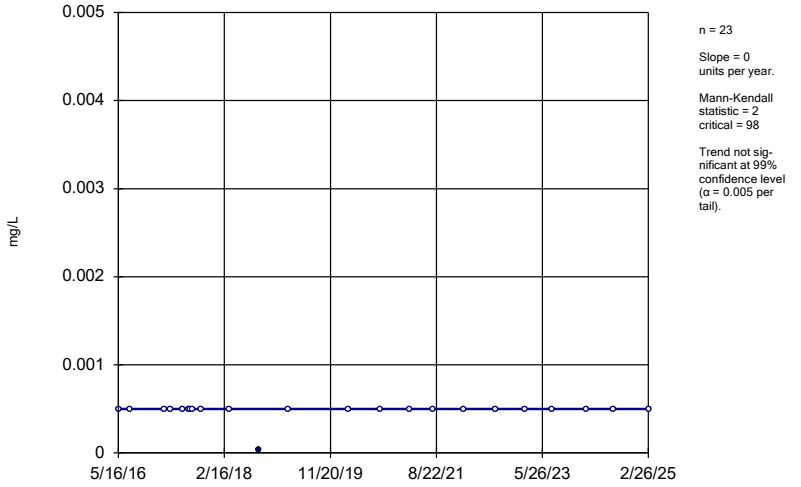
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-39RZ (bg)



n = 23

Slope = 0
units per year.

Mann-Kendall
statistic = 2
critical = 98

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Mercury Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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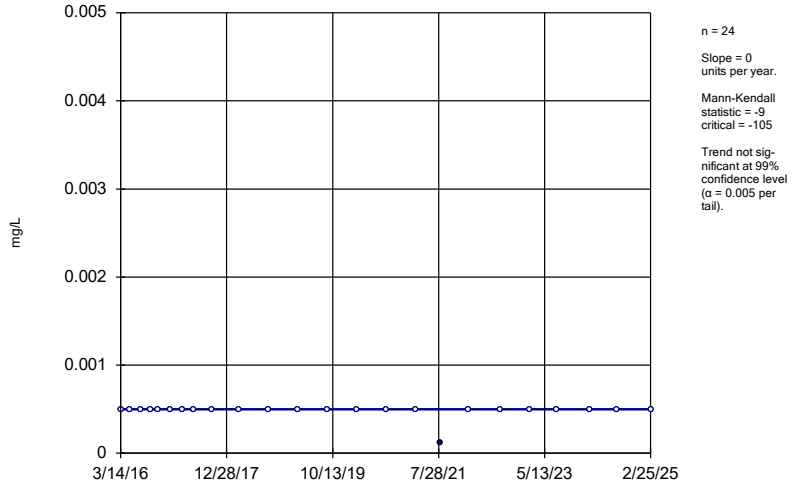
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-39Z (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -9 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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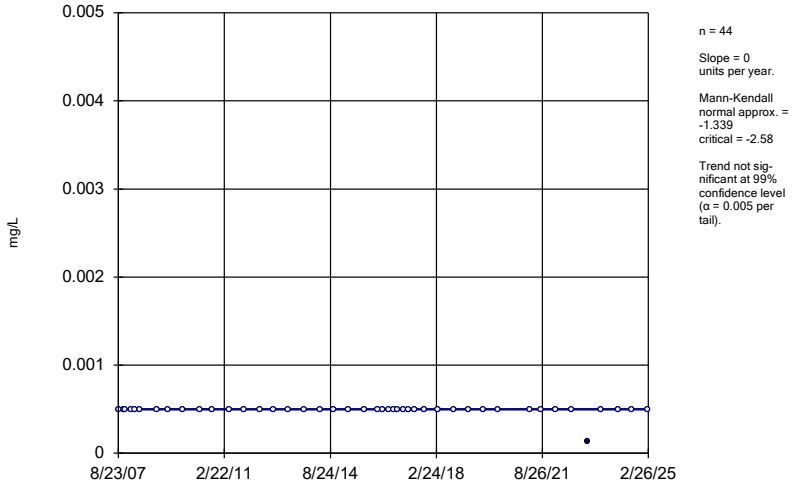
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-3A (bg)



n = 44

Slope = 0 units per year.

Mann-Kendall normal approx. = -1.339 critical = -2.58

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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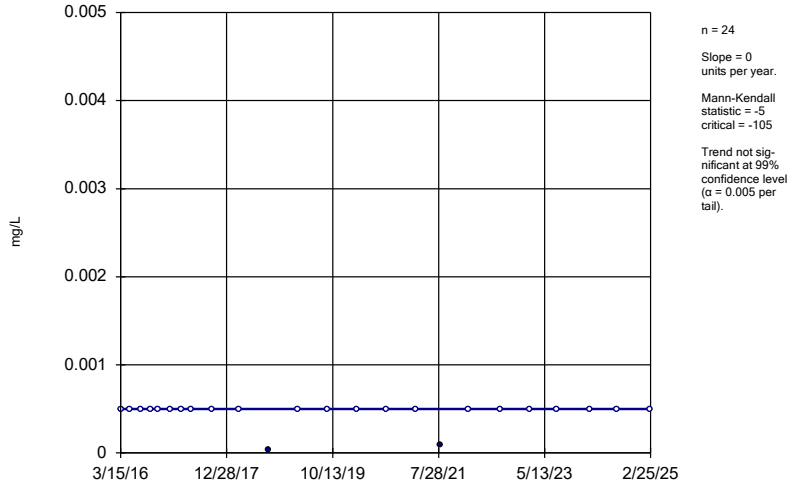
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-40 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -5 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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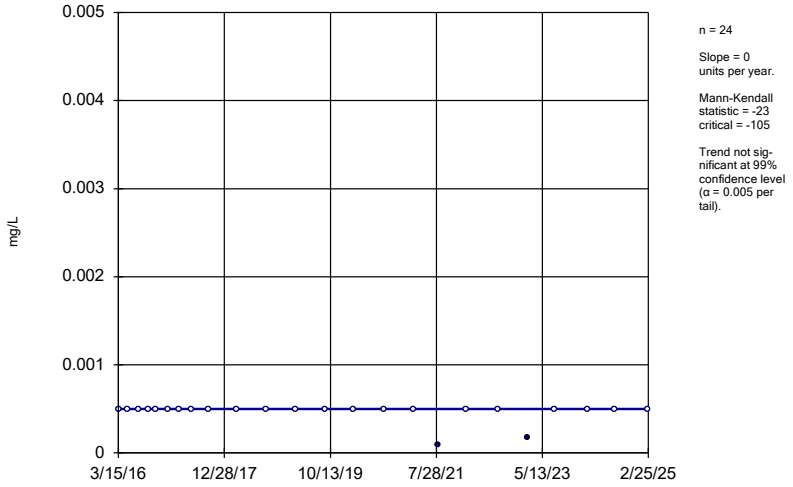
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-41 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -23 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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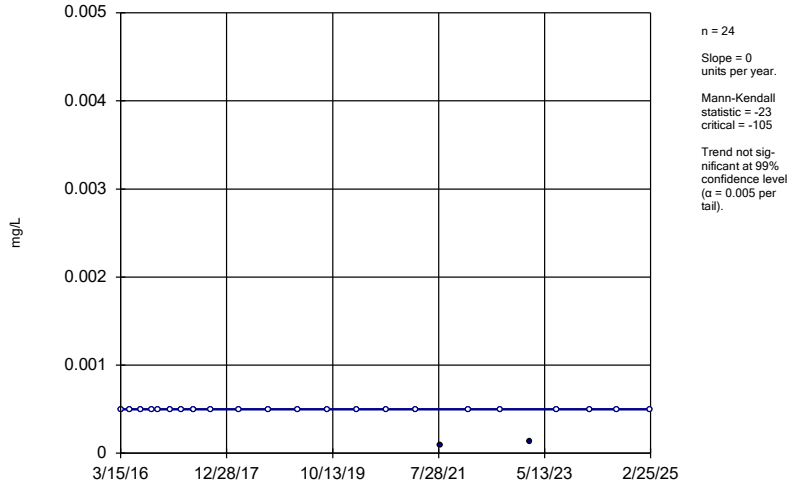
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-41R (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -23
critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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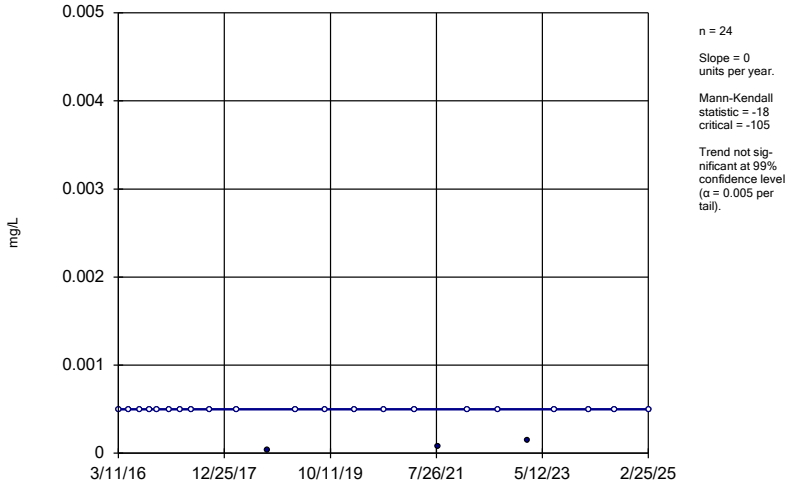
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-42 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -18
critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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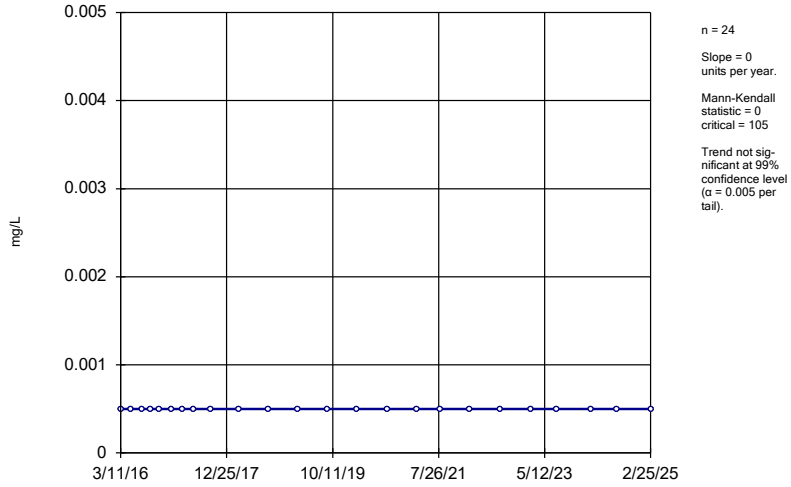
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-43 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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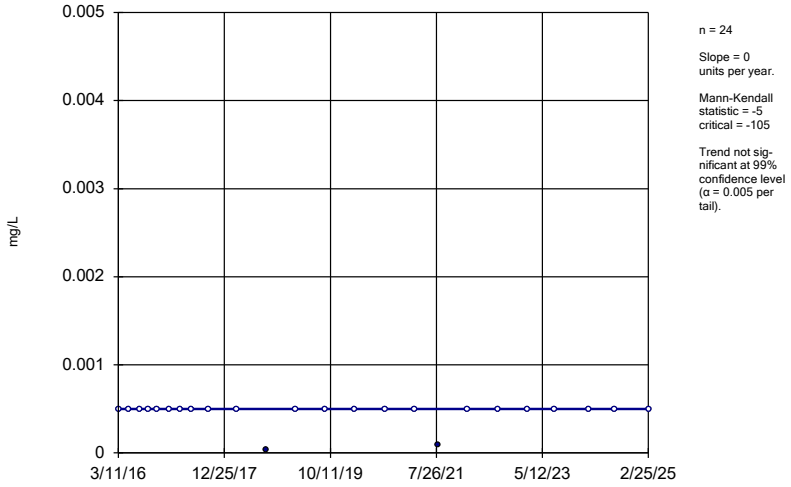
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-43R (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -5
critical = -105

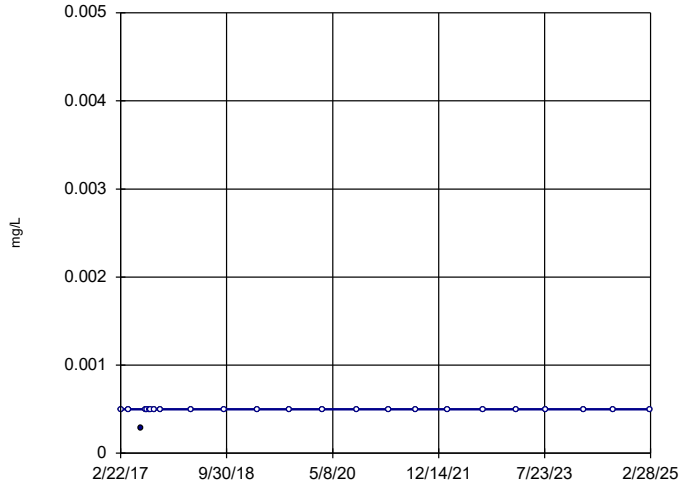
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-4RZ (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 19
critical = 105

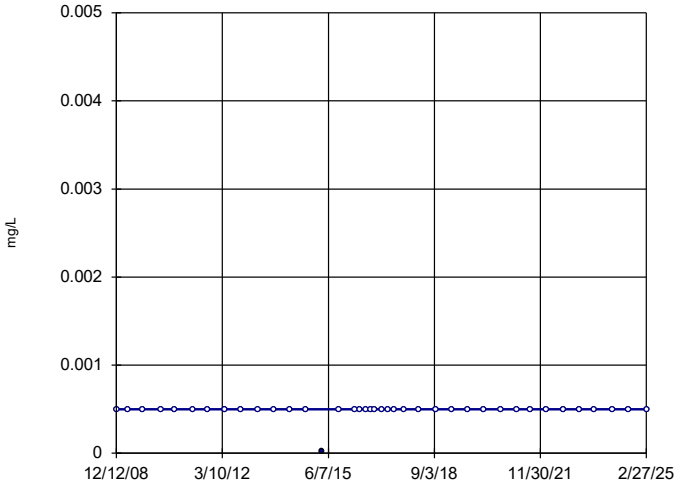
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-50 (bg)



n = 39

Slope = 0 units per year.

Mann-Kendall statistic = 12
critical = 214

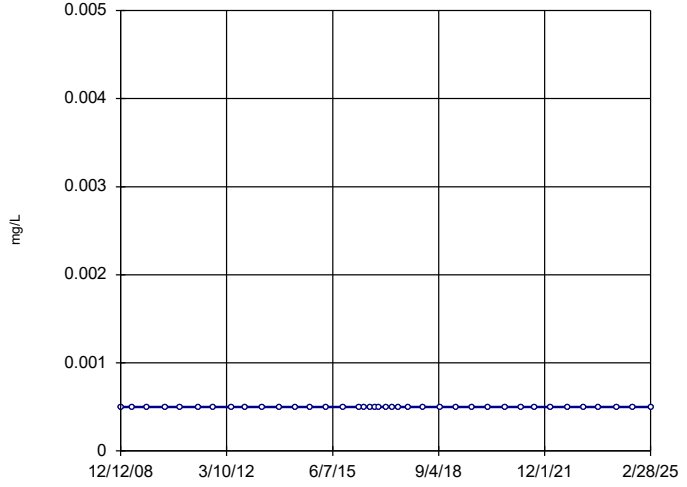
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-50R (bg)



n = 39

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 214

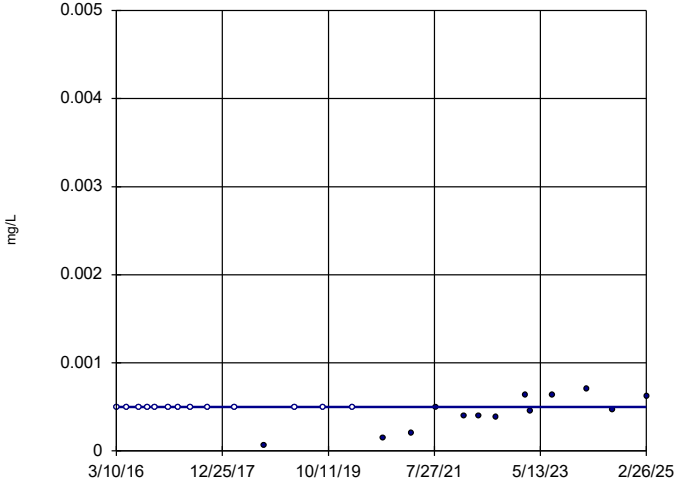
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-48



n = 26

Slope = 0 units per year.

Mann-Kendall statistic = 3
critical = 118

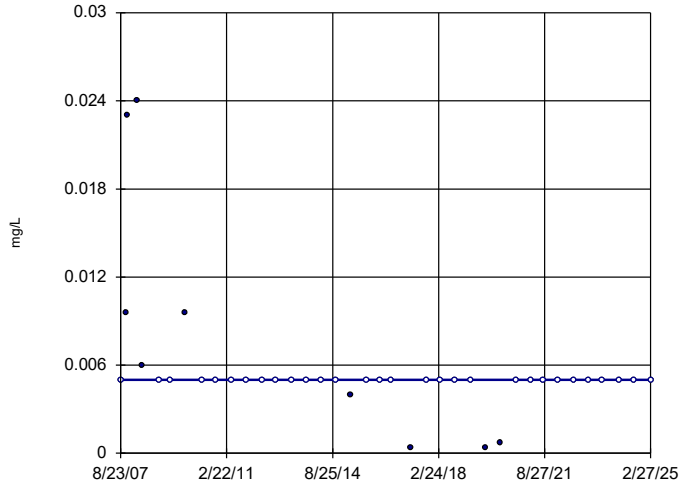
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-1 (bg)



n = 39

Slope = 0 units per year.

Mann-Kendall statistic = -177 critical = -214

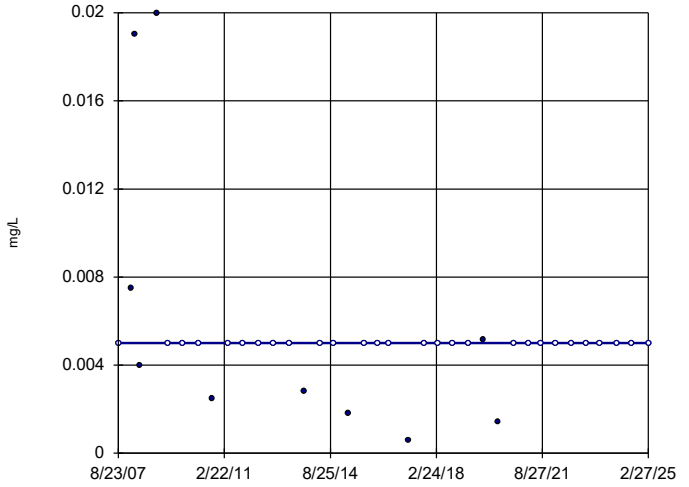
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-2 (bg)



n = 38

Slope = 0 units per year.

Mann-Kendall statistic = -39 critical = -206

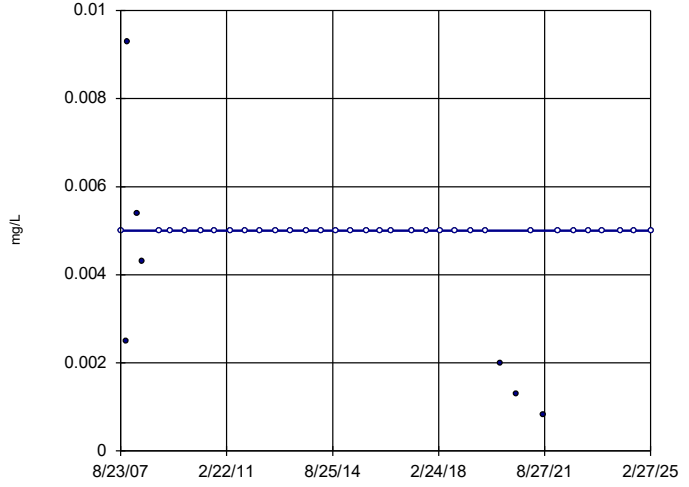
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-2R (bg)



n = 39

Slope = 0 units per year.

Mann-Kendall statistic = -65 critical = -214

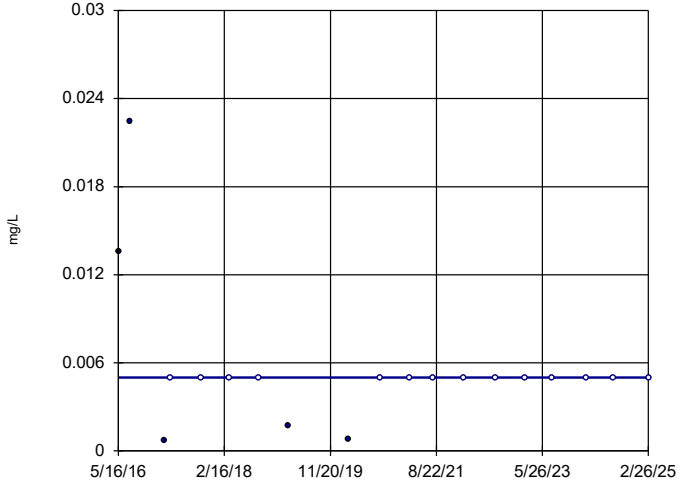
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-39RZ (bg)



n = 19

Slope = 0 units per year.

Mann-Kendall statistic = -6 critical = -74

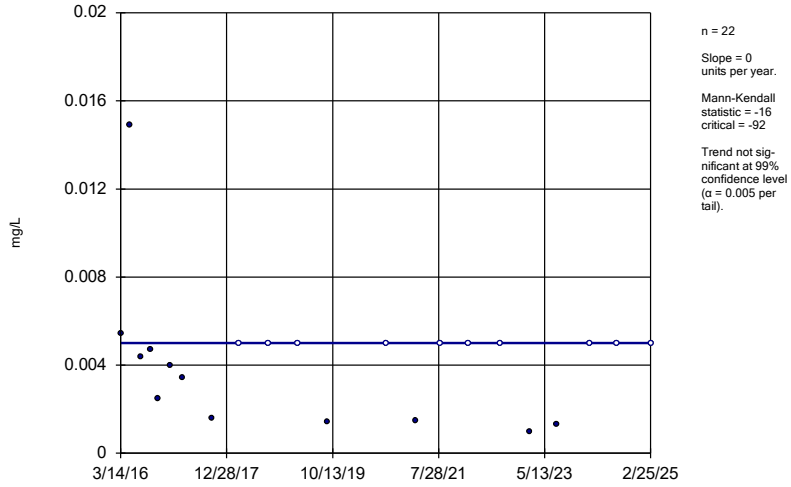
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-39Z (bg)



n = 22

Slope = 0 units per year.

Mann-Kendall statistic = -16
critical = -92

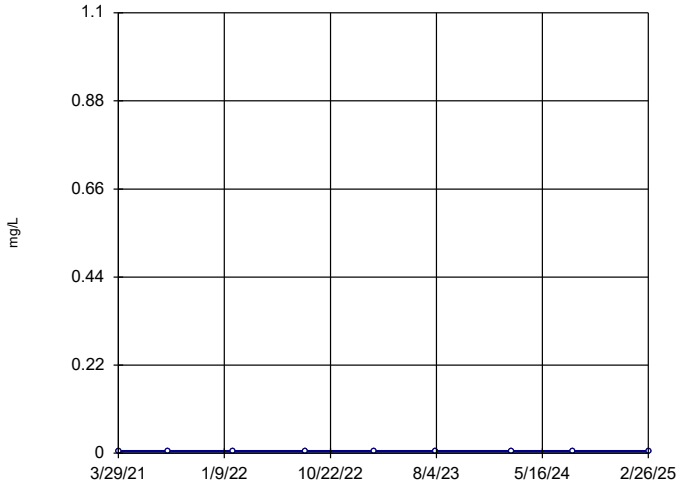
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-3A (bg)



n = 9

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 25

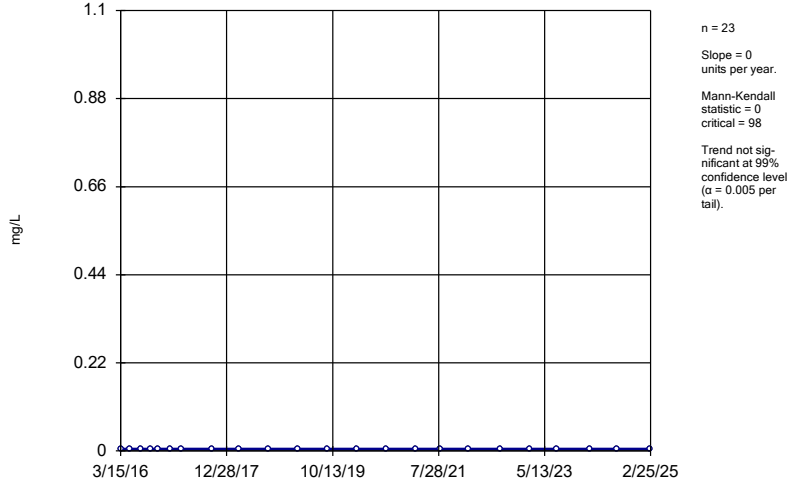
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-40 (bg)



n = 23

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 98

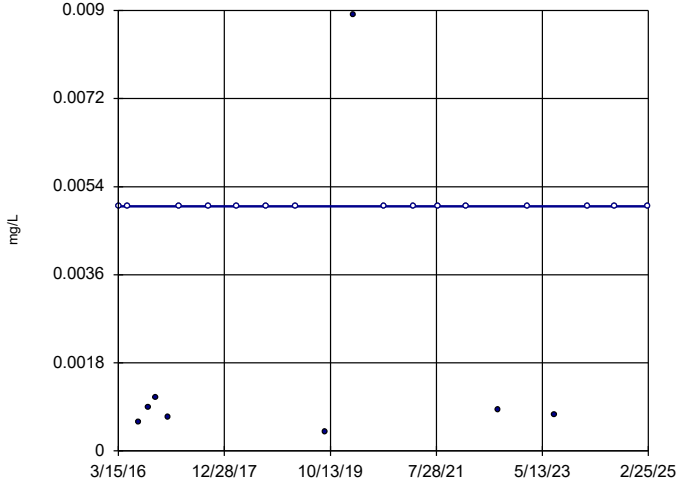
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-41 (bg)



n = 23

Slope = 0 units per year.

Mann-Kendall statistic = 30
critical = 98

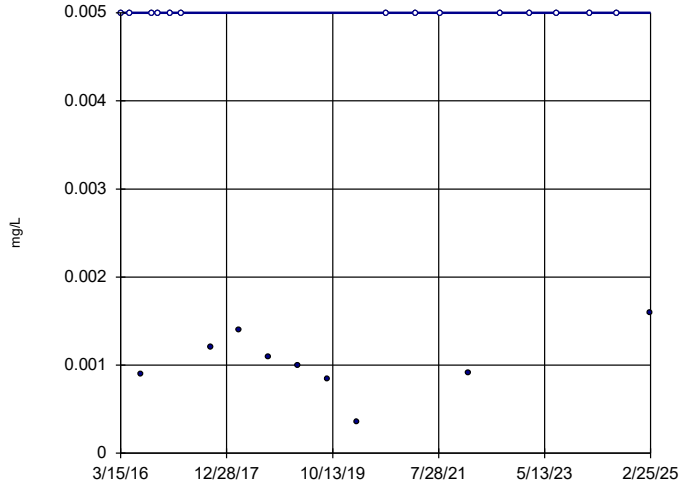
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-41R (bg)



n = 23

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 98

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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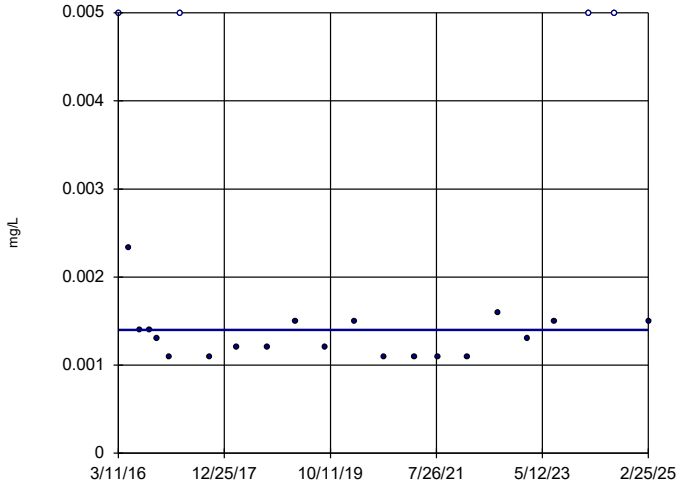
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-42 (bg)



n = 23

Slope = 0 units per year.

Mann-Kendall statistic = 1 critical = 98

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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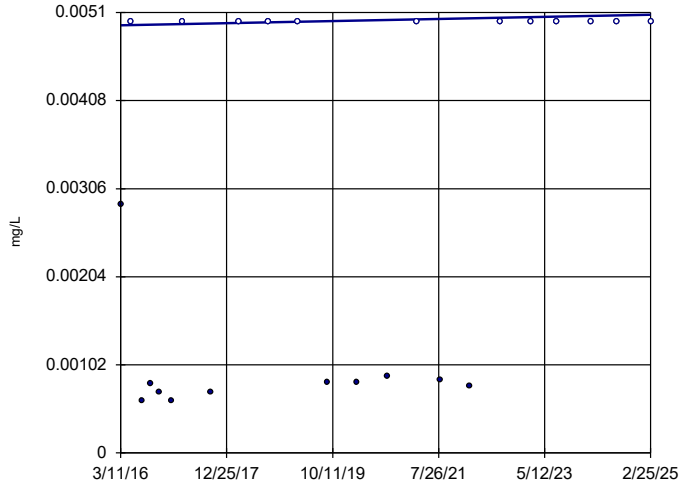
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-43 (bg)



n = 23

Slope = 0.00001334 units per year.

Mann-Kendall statistic = 78 critical = 98

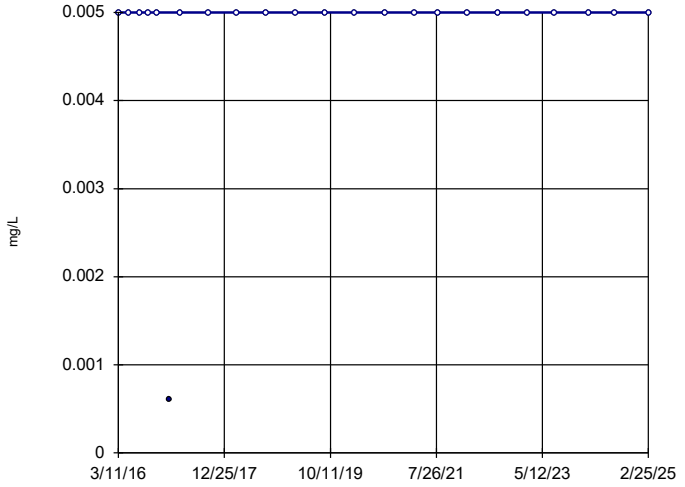
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-43R (bg)



n = 23

Slope = 0 units per year.

Mann-Kendall statistic = 12 critical = 98

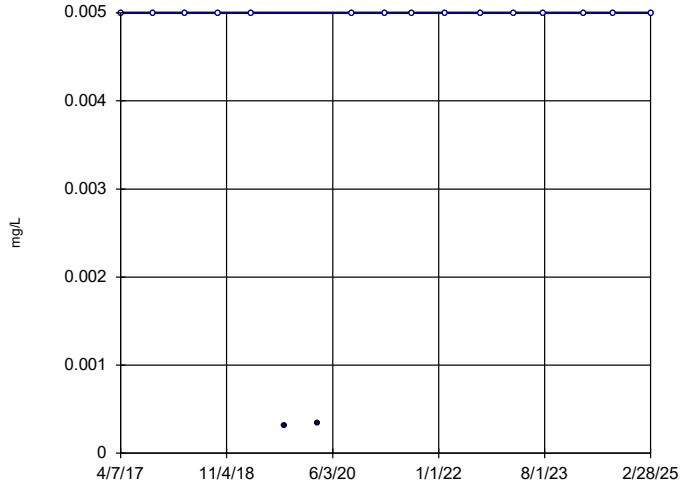
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-4RZ (bg)



n = 17

Slope = 0
units per year.

Mann-Kendall
statistic = 11
critical = 63

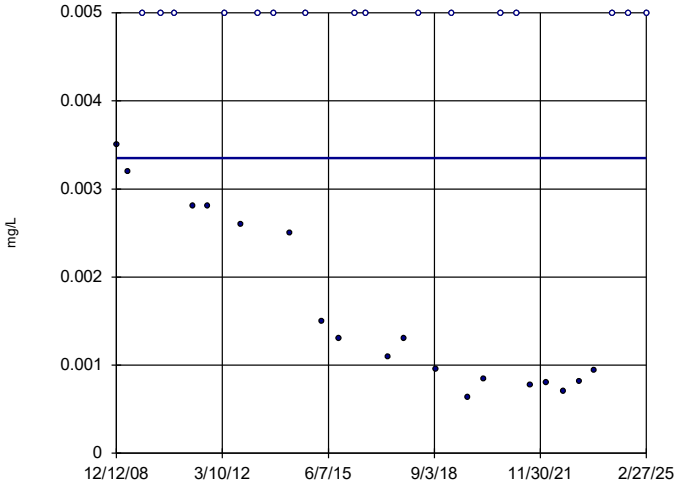
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Nickel Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-50 (bg)



n = 34

Slope = 0
units per year.

Mann-Kendall
statistic = -121
critical = -176

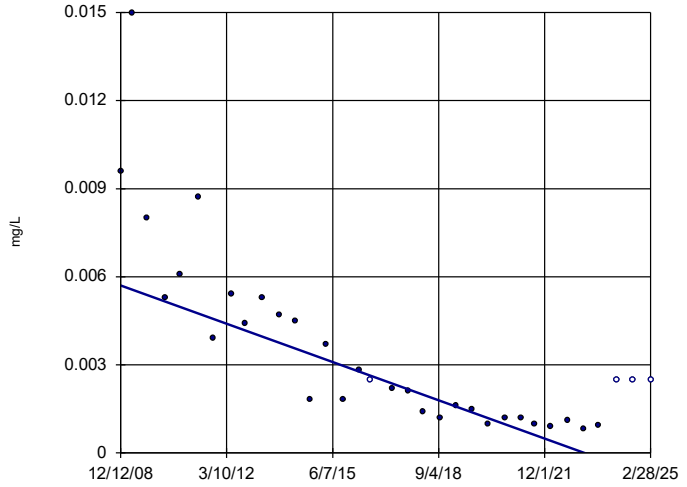
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Nickel Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-50R (bg)



n = 34

Slope = -0.0004021
units per year.

Mann-Kendall
statistic = -386
critical = -176

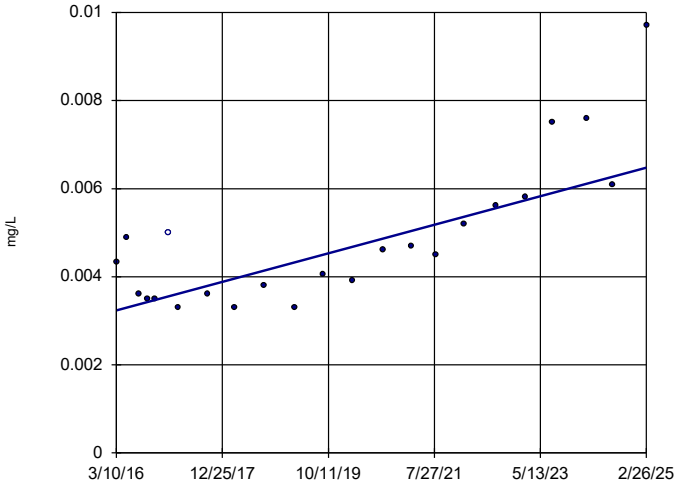
Decreasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Nickel Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-48



n = 23

Slope = 0.000361
units per year.

Mann-Kendall
statistic = 144
critical = 98

Increasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Nickel Analysis Run 6/23/2025 2:26 PM View: Appendix I Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

FIGURE J.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium, total (mg/L)	**GWA-2R**	**62.42**	**n/a**	**2/27/2025**	**66.7**	**Yes**	**21**	**28.81**	**13.17**	**0**	**None**	**No**	**0.0002894**	**Param Intra 1 of 2**
Sulfate, total (mg/L)	**GWA-2R**	**38.9**	**n/a**	**2/27/2025**	**41.5**	**Yes**	**21**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003999**	**NP Intra (normality) 1 of 2**
Sulfate, total (mg/L)	**GWC-9**	**4.773**	**n/a**	**2/28/2025**	**6.5**	**Yes**	**21**	**2.444**	**0.9127**	**4.762**	**None**	**No**	**0.0002894**	**Param Intra 1 of 2**
Total Dissolved Solids [TDS] (mg/l)	**GWA-3A**	**117**	**n/a**	**2/26/2025**	**121**	**Yes**	**20**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.004291**	**NP Intra (normality) 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron, total (mg/L)	GWA-1	0.04	n/a	2/27/2025	0.04ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-2	0.04	n/a	2/27/2025	0.04ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-2R	0.04	n/a	2/27/2025	0.021J	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-39RZ	0.04	n/a	2/26/2025	0.04ND	No	21	n/a	n/a	38.1	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Boron, total (mg/L)	GWA-39Z	0.04	n/a	2/25/2025	0.04ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-3A	0.04	n/a	2/26/2025	0.04ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-40	0.04	n/a	2/25/2025	0.04ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-41	0.04	n/a	2/25/2025	0.0094J	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-41R	0.04	n/a	2/25/2025	0.017J	No	21	n/a	n/a	38.1	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Boron, total (mg/L)	GWA-42	0.04	n/a	2/25/2025	0.04ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-43	0.04	n/a	2/25/2025	0.04ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-43R	0.03952	n/a	2/25/2025	0.011J	No	21	0.0181	0.008397	23.81	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Boron, total (mg/L)	GWA-4RZ	0.04	n/a	2/28/2025	0.0067J	No	21	n/a	n/a	23.81	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Boron, total (mg/L)	GWA-50	0.04	n/a	2/27/2025	0.04ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWA-50R	0.04	n/a	2/28/2025	0.04ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-10	0.04	n/a	2/28/2025	0.04ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-10R	0.04	n/a	3/3/2025	0.04ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-11	0.04	n/a	3/4/2025	0.04ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-11R	0.04	n/a	3/3/2025	0.04ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-12	0.04	n/a	3/4/2025	0.04ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-13	0.04158	n/a	3/3/2025	0.012J	No	21	0.2545	0.03604	28.57	Kaplan-Meier	x^(1/3)	0.0002894	Param Intra 1 of 2
Boron, total (mg/L)	GWC-13RZ	0.0241	n/a	3/4/2025	0.017J	No	21	0.01482	0.003639	14.29	None	No	0.0002894	Param Intra 1 of 2
Boron, total (mg/L)	GWC-14Z	0.04	n/a	3/3/2025	0.04ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-15R	0.04	n/a	3/3/2025	0.04ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-15Z	0.04	n/a	3/3/2025	0.04ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-44	0.04	n/a	2/26/2025	0.0098J	No	21	n/a	n/a	38.1	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Boron, total (mg/L)	GWC-45	0.04	n/a	2/26/2025	0.04ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-45R	0.04	n/a	2/26/2025	0.0069J	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-46R	0.04	n/a	2/26/2025	0.04ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-47	0.04	n/a	2/26/2025	0.04ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-47R	0.04	n/a	2/26/2025	0.04ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-48	0.04	n/a	2/26/2025	0.04ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-49R	0.04	n/a	2/26/2025	0.04ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-49Z	0.04	n/a	2/26/2025	0.04ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-5	0.04	n/a	2/27/2025	0.04ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-6	0.04	n/a	2/27/2025	0.04ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-6RZ	0.04	n/a	2/27/2025	0.04ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-7Z	0.04	n/a	2/27/2025	0.04ND	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-8RR	0.04	n/a	3/4/2025	0.04ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-8Z	0.04	n/a	2/28/2025	0.04ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Boron, total (mg/L)	GWC-9	0.04	n/a	2/28/2025	0.0069J	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Calcium, total (mg/L)	GWA-1	36.79	n/a	2/27/2025	33.4	No	21	31.01	2.262	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-2	82.76	n/a	2/27/2025	41.7	No	21	29.62	20.83	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	**GWA-2R**	**62.42**	**n/a**	**2/27/2025**	**66.7**	**Yes**	**21**	**28.81**	**13.17**	**0**	**None**	**No**	**0.0002894**	**Param Intra 1 of 2**
Calcium, total (mg/L)	GWA-39RZ	38.57	n/a	2/26/2025	35.4	No	21	35146	8709	0	None	x^3	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-39Z	31.73	n/a	2/25/2025	17.4	No	22	12.45	7.622	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-3A	23	n/a	2/26/2025	19.9	No	8	n/a	n/a	0	n/a	n/a	0.02144	NP Intra (normality) 1 of 2
Calcium, total (mg/L)	GWA-40	29.63	n/a	2/25/2025	26.3	No	21	20.77	3.47	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-41	39.48	n/a	2/25/2025	31.7	No	21	18.48	8.23	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-41R	48.25	n/a	2/25/2025	34	No	21	34.14	5.53	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-42	41.56	n/a	2/25/2025	38.9	No	21	32.51	3.547	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-43	16.32	n/a	2/25/2025	1.6	No	20	2.232	0.7025	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-43R	35.02	n/a	2/25/2025	23.2	No	22	29.44	2.207	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-4RZ	62.56	n/a	2/28/2025	56.6	No	21	50.35	4.783	0	None	No	0.0002894	Param Intra 1 of 2
Calcium, total (mg/L)	GWA-50	4.427	n/a	2/27/2025	1.4	No	21	0.6597	0.3245	0	None	ln(x)	0.0002894	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium, total (mg/L)	GWA-50R	14.18	n/a	2/28/2025	0.81J	No	21	1.814	0.765	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-10	44.58	n/a	2/28/2025	19.9	No	21	891	429.8	0	None	x^2	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-10R	50.76	n/a	3/3/2025	41.8	No	21	41.74	3.534	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-11	30.33	n/a	3/4/2025	18.9	No	21	16.41	5.456	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-11R	40.72	n/a	3/3/2025	33.2	No	21	27.91	5.017	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-12	9.551	n/a	3/4/2025	7.9	No	21	8.102	0.5677	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-13	72.66	n/a	3/3/2025	31	No	21	42.37	11.87	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-13RZ	57.21	n/a	3/4/2025	40.1	No	21	1930	526.5	0	None	x^2	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-14Z	23.57	n/a	3/3/2025	12.5	No	14	15.55	2.805	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-15R	45.85	n/a	3/3/2025	26.6	No	20	36.52	3.624	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-15Z	30.25	n/a	3/3/2025	24.4	No	21	14090	5331	0	None	x^3	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-44	20.38	n/a	2/26/2025	7.3	No	21	7.518	5.04	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-45	1.155	n/a	2/26/2025	1	No	21	0.9322	0.05595	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-45R	51.45	n/a	2/26/2025	40.3	No	21	37.22	5.573	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-46R	54.41	n/a	2/26/2025	44.6	No	21	43.65	4.217	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-47	32.59	n/a	2/26/2025	28.6	No	21	23.25	3.662	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-47R	38.61	n/a	2/26/2025	36.7	No	21	30	3.372	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-48	12	n/a	2/26/2025	5.7	No	21	n/a	n/a	4.762	n/a	n/a	0.003999	NP Intra (normality) 1 of 2	
Calcium, total (mg/L)	GWC-49R	30.86	n/a	2/26/2025	26.9	No	21	25.18	2.227	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-49Z	2.25	n/a	2/26/2025	0.7J	No	19	n/a	n/a	0	n/a	n/a	0.004832	NP Intra (normality) 1 of 2	
Calcium, total (mg/L)	GWC-5	12.1	n/a	2/27/2025	3.6	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2	
Calcium, total (mg/L)	GWC-6	16.91	n/a	2/27/2025	15.4	No	20	14.26	1.03	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-6RZ	14.88	n/a	2/27/2025	9.8	No	20	10.55	1.68	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-7Z	28.94	n/a	2/27/2025	24.3	No	21	24.14	1.881	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-8RR	26.1	n/a	3/4/2025	22.2	No	21	22.2	1.527	0	None	No	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-8Z	27.04	n/a	2/28/2025	19.2	No	20	395.6	130.3	0	None	x^2	0.0002894	Param Intra 1 of 2	
Calcium, total (mg/L)	GWC-9	71.03	n/a	2/28/2025	3.5	No	21	1.635	1.03	0	None	ln(x)	0.0002894	Param Intra 1 of 2	
Fluoride, total (mg/L)	GWA-1	0.1225	n/a	2/27/2025	0.075J	No	21	0.05634	0.02593	28.57	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2	
Fluoride, total (mg/L)	GWA-2	0.17	n/a	2/27/2025	0.076J	No	20	n/a	n/a	50	n/a	n/a	0.004291	NP Intra (normality) 1 of 2	
Fluoride, total (mg/L)	GWA-2R	0.1	n/a	2/27/2025	0.095J	No	21	n/a	n/a	42.86	n/a	n/a	0.003999	NP Intra (normality) 1 of 2	
Fluoride, total (mg/L)	GWA-39RZ	0.2392	n/a	2/26/2025	0.061J	No	21	0.3989	0.08694	38.1	Kaplan-Meier	x^(1/3)	0.0002894	Param Intra 1 of 2	
Fluoride, total (mg/L)	GWA-39Z	0.1147	n/a	2/25/2025	0.076J	No	21	0.05489	0.02343	38.1	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2	
Fluoride, total (mg/L)	GWA-3A	0.1	n/a	2/26/2025	0.1ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWA-40	0.11	n/a	2/25/2025	0.066J	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWA-41	0.1	n/a	2/25/2025	0.052J	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWA-41R	0.12	n/a	2/25/2025	0.05J	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWA-42	0.1	n/a	2/25/2025	0.06J	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWA-43	0.1	n/a	2/25/2025	0.1ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWA-43R	0.1	n/a	2/25/2025	0.1ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWA-4RZ	0.3039	n/a	2/28/2025	0.081J	No	21	0.1595	0.05658	4.762	None	No	0.0002894	Param Intra 1 of 2	
Fluoride, total (mg/L)	GWA-50	0.1	n/a	2/27/2025	0.1ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWA-50R	0.1	n/a	2/28/2025	0.1ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-10	0.1	n/a	2/28/2025	0.1ND	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-10R	0.1	n/a	3/3/2025	0.1ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-11	0.1	n/a	3/4/2025	0.065J	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-11R	0.1	n/a	3/3/2025	0.1ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-12	0.1	n/a	3/4/2025	0.057J	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-13	0.24	n/a	3/3/2025	0.1ND	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-13RZ	0.2726	n/a	3/4/2025	0.16	No	21	0.1432	0.05068	9.524	None	No	0.0002894	Param Intra 1 of 2	
Fluoride, total (mg/L)	GWC-14Z	0.1	n/a	3/3/2025	0.1ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-15R	0.1	n/a	3/3/2025	0.1ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-15Z	0.1	n/a	3/3/2025	0.1ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-44	0.1814	n/a	2/26/2025	0.059J	No	22	0.06786	0.04489	31.82	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2	
Fluoride, total (mg/L)	GWC-45	0.1	n/a	2/26/2025	0.1ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	
Fluoride, total (mg/L)	GWC-45R	0.14	n/a	2/26/2025	0.055J	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2	

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride, total (mg/L)	GWC-46R	0.1	n/a	2/26/2025	0.053J	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-47	0.13	n/a	2/26/2025	0.073J	No	21	n/a	n/a	42.86	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Fluoride, total (mg/L)	GWC-47R	0.13	n/a	2/26/2025	0.063J	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-48	0.1	n/a	2/26/2025	0.085J	No	21	n/a	n/a	57.14	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-49R	0.1	n/a	2/26/2025	0.05J	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-49Z	0.1	n/a	2/26/2025	0.1ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-5	0.1	n/a	2/27/2025	0.05J	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-6	0.1	n/a	2/27/2025	0.052J	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-6RZ	0.1	n/a	2/27/2025	0.057J	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-7Z	0.22	n/a	2/27/2025	0.062J	No	21	n/a	n/a	61.9	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-8RR	0.1	n/a	3/4/2025	0.055J	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Fluoride, total (mg/L)	GWC-8Z	0.1	n/a	2/28/2025	0.1ND	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Fluoride, total (mg/L)	GWC-9	0.1	n/a	2/28/2025	0.1ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Sulfate, total (mg/L)	GWA-1	2.598	n/a	2/27/2025	0.88J	No	21	1.457	0.4474	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-2	171.3	n/a	2/27/2025	74.4	No	21	58.87	44.05	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	**GWA-2R**	**38.9**	**n/a**	**2/27/2025**	**41.5**	**Yes**	**21**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003999**	**NP Intra (normality) 1 of 2**
Sulfate, total (mg/L)	GWA-39RZ	26.59	n/a	2/26/2025	2.4	No	21	9.752	6.6	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-39Z	9.063	n/a	2/25/2025	1.2	No	21	3.31	2.255	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-3A	8	n/a	2/26/2025	1.7	No	8	3.575	1.183	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-40	7.4	n/a	2/25/2025	0.71J	No	22	n/a	n/a	4.545	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Sulfate, total (mg/L)	GWA-41	11.5	n/a	2/25/2025	5	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Sulfate, total (mg/L)	GWA-41R	13.3	n/a	2/25/2025	5.8	No	21	5.842	2.922	4.762	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-42	2.522	n/a	2/25/2025	1.2	No	21	1.514	0.3952	4.762	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-43	1.762	n/a	2/25/2025	1ND	No	21	0.7235	0.4069	42.86	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-43R	10.42	n/a	2/25/2025	2.1	No	21	5.066	2.097	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-4RZ	27.57	n/a	2/28/2025	22.4	No	22	20.91	2.63	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWA-50	1	n/a	2/27/2025	1ND	No	21	n/a	n/a	38.1	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Sulfate, total (mg/L)	GWA-50R	1.627	n/a	2/28/2025	0.51J	No	21	0.8976	0.2859	4.762	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-10	2.121	n/a	2/28/2025	1.1	No	21	1.355	0.3002	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-10R	2.158	n/a	3/3/2025	0.9J	No	21	1.396	0.2988	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-11	3.787	n/a	3/4/2025	1.6	No	21	2.327	0.5722	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-11R	4.419	n/a	3/3/2025	1.4	No	21	2.37	0.803	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-12	1	n/a	3/4/2025	1ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Sulfate, total (mg/L)	GWC-13	89.34	n/a	3/3/2025	15.6	No	12	27.98	20.45	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-13RZ	86.13	n/a	3/4/2025	51.8	No	16	65.43	7.612	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-14Z	12.93	n/a	3/3/2025	6.4	No	20	5.125	3.031	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-15R	13.7	n/a	3/3/2025	1.4	No	21	8.74	1.943	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-15Z	12.17	n/a	3/3/2025	0.5ND	No	19	0.4985	0.7664	0	None	ln(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-44	58.87	n/a	2/26/2025	16.1	No	21	22.48	14.26	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-45	1.444	n/a	2/26/2025	1ND	No	21	0.787	0.2573	33.33	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-45R	10.1	n/a	2/26/2025	3.3	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Sulfate, total (mg/L)	GWC-46R	9.353	n/a	2/26/2025	3.2	No	21	6.287	1.202	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-47	8.4	n/a	2/26/2025	7	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Sulfate, total (mg/L)	GWC-47R	16.01	n/a	2/26/2025	9.6	No	21	9.387	2.597	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-48	22.48	n/a	2/26/2025	14.8	No	23	0.9129	0.8771	4.348	None	ln(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-49R	5.925	n/a	2/26/2025	1.4	No	22	1.762	0.2657	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-49Z	3.047	n/a	2/26/2025	0.51J	No	18	1.612	0.5421	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-5	2.094	n/a	2/27/2025	0.74J	No	21	1.375	0.2818	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-6	3.598	n/a	2/27/2025	1.4	No	21	2.187	0.5532	4.762	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-6RZ	3.224	n/a	2/27/2025	1.1	No	21	1.884	0.5252	4.762	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-7Z	2.294	n/a	2/27/2025	0.69J	No	21	1.027	0.4965	4.762	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-8RR	2.06	n/a	3/4/2025	0.98J	No	21	1.006	0.4131	4.762	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	GWC-8Z	4.192	n/a	2/28/2025	0.52J	No	21	1.745	0.9592	0	None	No	0.0002894	Param Intra 1 of 2
Sulfate, total (mg/L)	**GWC-9**	**4.773**	**n/a**	**2/28/2025**	**6.5**	**Yes**	**21**	**2.444**	**0.9127**	**4.762**	**None**	**No**	**0.0002894**	**Param Intra 1 of 2**
Total Dissolved Solids [TDS] (mg/l)	GWA-1	186.9	n/a	2/27/2025	142	No	21	153.6	13.03	0	None	No	0.0002894	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/14/2025, 3:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Total Dissolved Solids [TDS] (mg/l)	GWA-2	387.3	n/a	2/27/2025	211	No	21	151.4	92.48	4.762	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-2R	235.4	n/a	2/27/2025	231	No	21	125.6	43.03	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-39RZ	244.7	n/a	2/26/2025	156	No	21	161.6	32.58	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-39Z	157.4	n/a	2/25/2025	91	No	20	69.3	34.24	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	**GWA-3A**	**117**	**n/a**	**2/26/2025**	**121**	**Yes**	**20**	**n/a**	**n/a**	**25**	**n/a**	**n/a**	**0.004291**	**NP Intra (normality) 1 of 2**	
Total Dissolved Solids [TDS] (mg/l)	GWA-40	222.6	n/a	2/25/2025	119	No	21	4.697	0.5343	0	None	x^(1/3)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-41	188.2	n/a	2/25/2025	142	No	21	83.38	41.08	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-41R	256.3	n/a	2/25/2025	161	No	21	161.5	37.15	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-42	209.5	n/a	2/25/2025	155	No	21	5.155	0.3076	0	None	x^(1/3)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-43	86.03	n/a	2/25/2025	25ND	No	21	36.31	19.49	19.05	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-43R	188	n/a	2/25/2025	140	No	21	140.1	18.76	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-4RZ	400	n/a	2/28/2025	273	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-50	42.78	n/a	2/27/2025	32	No	21	21.19	8.46	38.1	Kaplan-Meier	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWA-50R	95.79	n/a	2/28/2025	25ND	No	21	5.18	1.805	28.57	Kaplan-Meier	sqrt(x)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-10	206.1	n/a	2/28/2025	95	No	21	121.4	33.17	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-10R	230.5	n/a	3/3/2025	143	No	21	147	32.72	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-11	152	n/a	3/4/2025	100	No	21	93.1	23.08	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-11R	178.5	n/a	3/3/2025	150	No	21	134.1	17.4	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-12	102.1	n/a	3/4/2025	75	No	21	7.949	0.844	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-13	393.5	n/a	3/3/2025	137	No	21	200.7	75.55	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-13RZ	334.2	n/a	3/4/2025	252	No	21	1.8e7	7518546	0	None	x^3	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-14Z	252.2	n/a	3/3/2025	73	No	21	10.03	2.293	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-15R	229.1	n/a	3/3/2025	127	No	21	165.4	24.96	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-15Z	207.5	n/a	3/3/2025	124	No	21	117.3	35.36	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-44	183.4	n/a	2/26/2025	63	No	22	6.949	2.607	13.64	None	sqrt(x)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-45	65.69	n/a	2/26/2025	25ND	No	21	2.654	0.5411	38.1	Kaplan-Meier	x^(1/3)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-45R	249.3	n/a	2/26/2025	185	No	21	169.5	31.3	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-46R	294.2	n/a	2/26/2025	202	No	21	226.9	26.36	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-47	171.3	n/a	2/26/2025	129	No	21	123.7	18.65	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-47R	196	n/a	2/26/2025	153	No	21	21370	6687	0	None	x^2	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-48	87.8	n/a	2/26/2025	44	No	21	5.423	1.547	19.05	Kaplan-Meier	sqrt(x)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-49R	180.8	n/a	2/26/2025	119	No	21	122.9	22.71	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-49Z	63	n/a	2/26/2025	25ND	No	21	n/a	n/a	33.33	n/a	n/a	0.003999	NP Intra (normality) 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-5	116.4	n/a	2/27/2025	27	No	21	3.143	0.682	23.81	Kaplan-Meier	x^(1/3)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-6	150	n/a	2/27/2025	64	No	21	8.702	1.39	0	None	sqrt(x)	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-6RZ	150	n/a	2/27/2025	52	No	21	65.14	33.27	4.762	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-7Z	167	n/a	2/27/2025	107	No	21	118.6	18.97	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-8RR	134.6	n/a	3/4/2025	111	No	21	104.6	11.76	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-8Z	181.5	n/a	2/28/2025	96	No	21	105	29.96	0	None	No	0.0002894	Param Intra 1 of 2	
Total Dissolved Solids [TDS] (mg/l)	GWC-9	186.5	n/a	2/28/2025	32	No	21	6.753	2.706	9.524	None	sqrt(x)	0.0002894	Param Intra 1 of 2	

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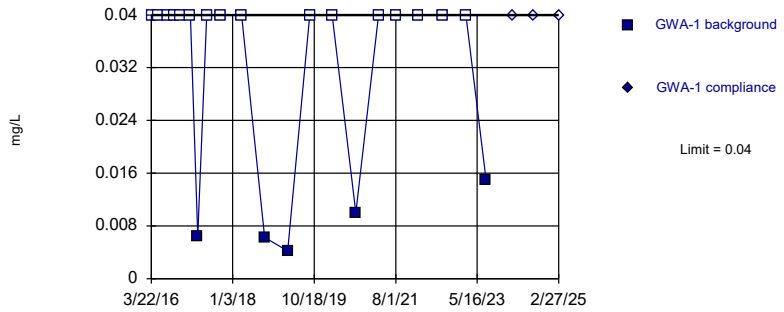
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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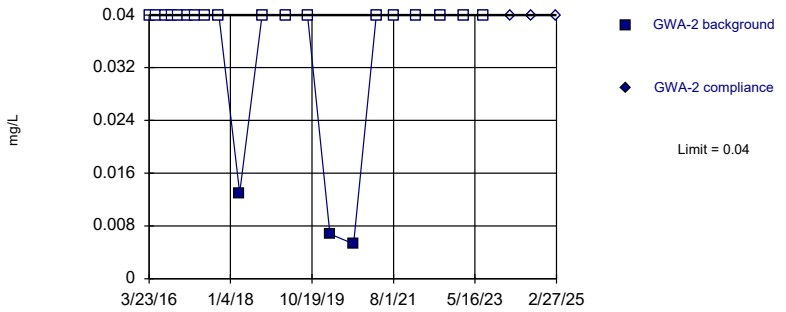
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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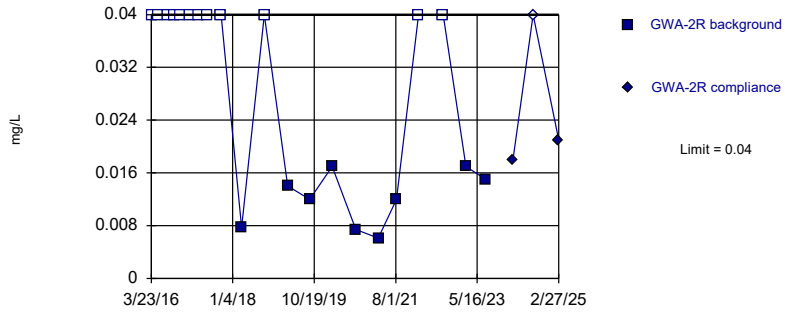
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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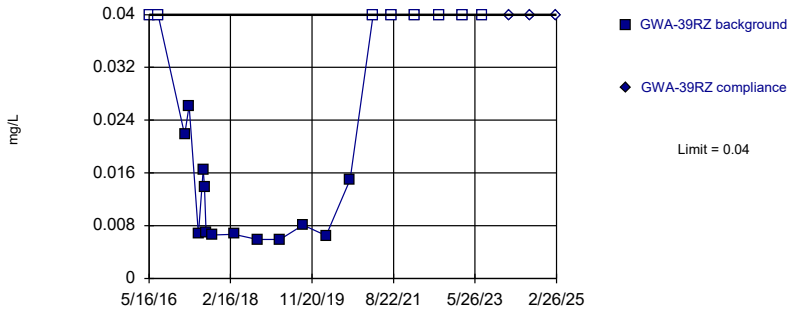
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 38.1% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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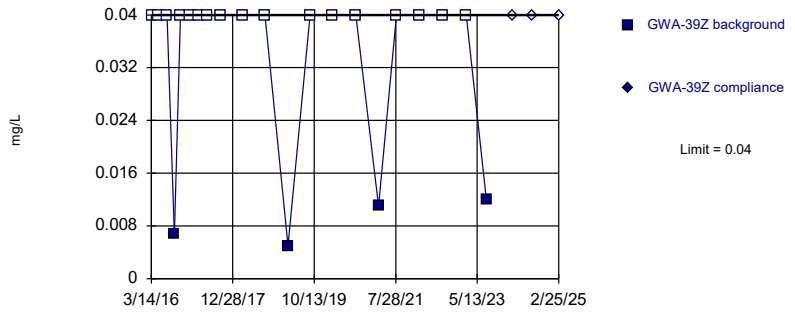
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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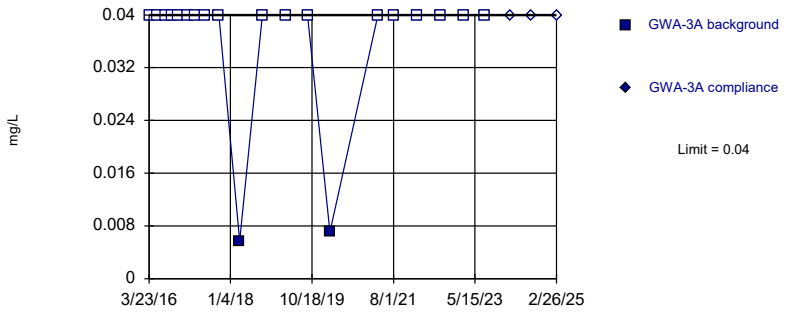
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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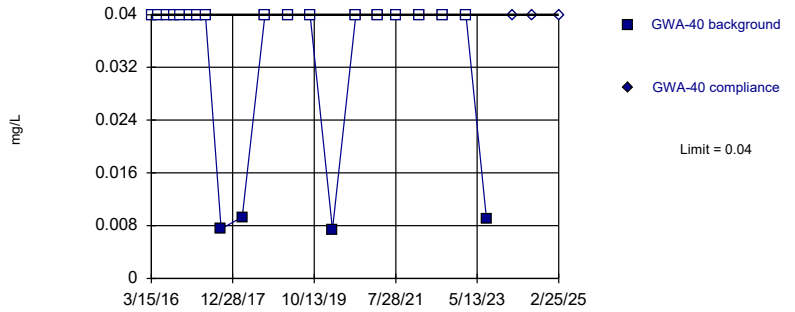
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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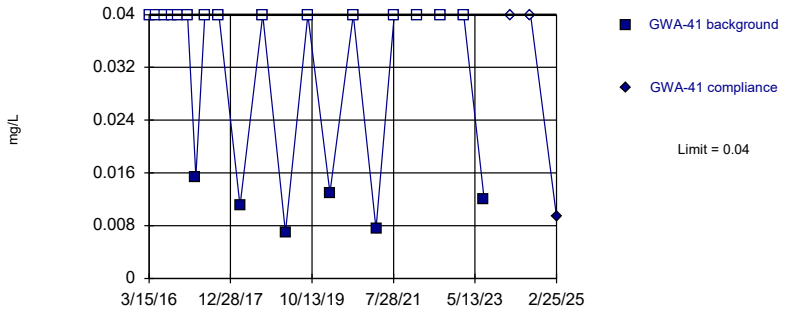
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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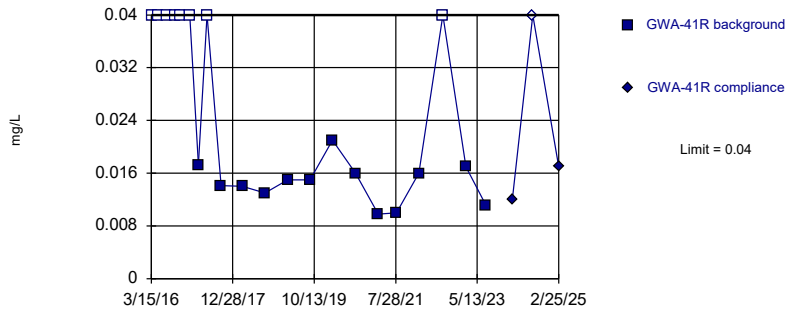
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 38.1% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell

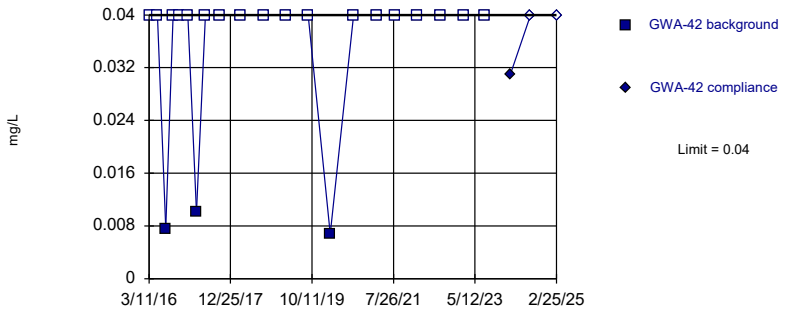
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell

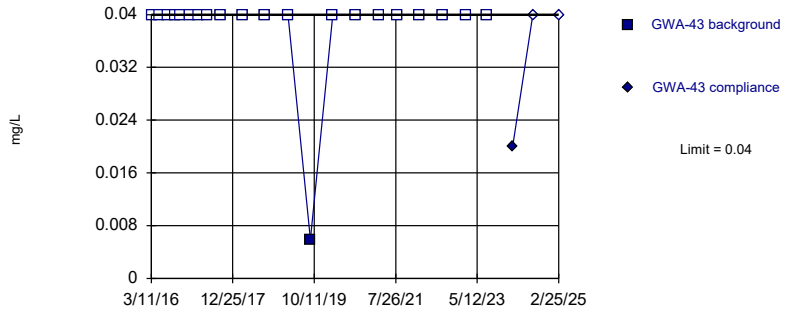
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell

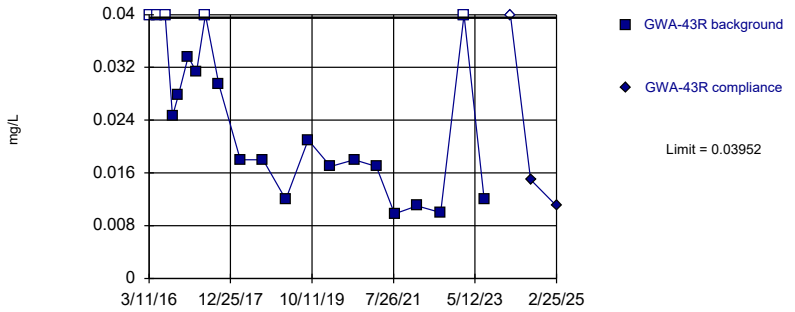
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.0181, Std. Dev.=0.008397, n=21, 23.81% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8833, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

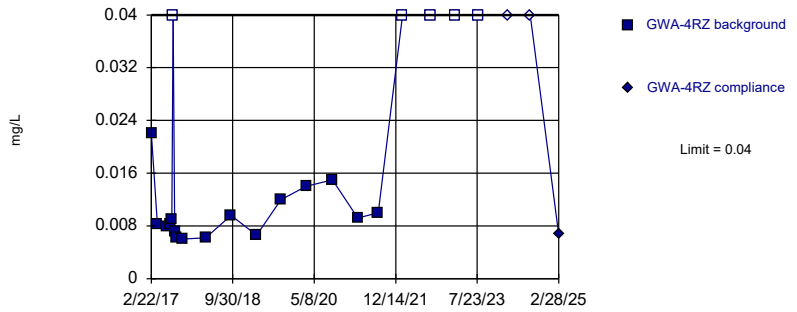
Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



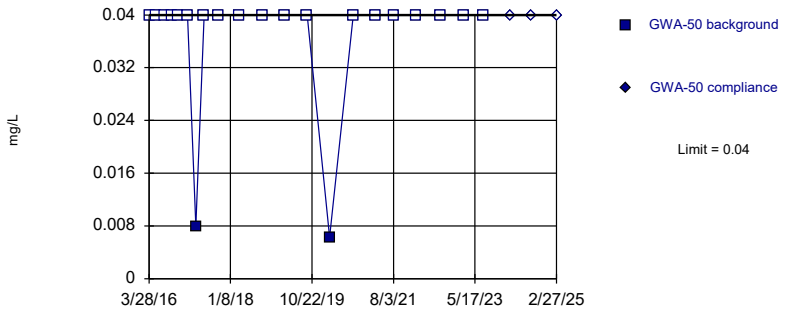
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 23.81% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



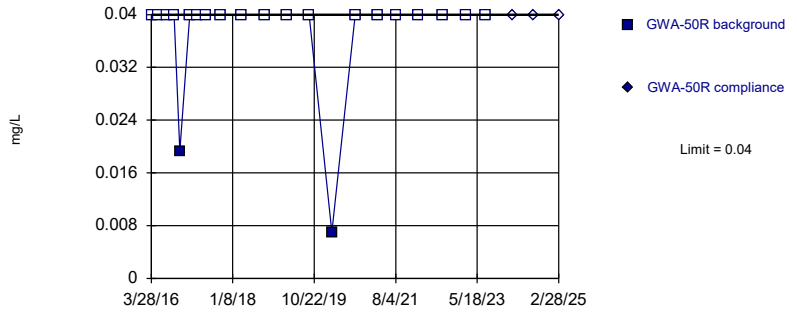
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



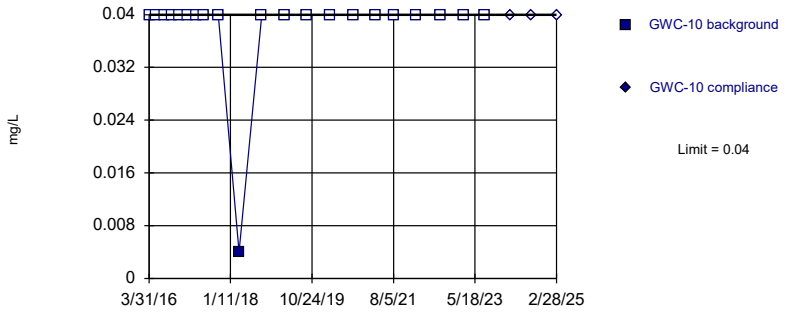
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



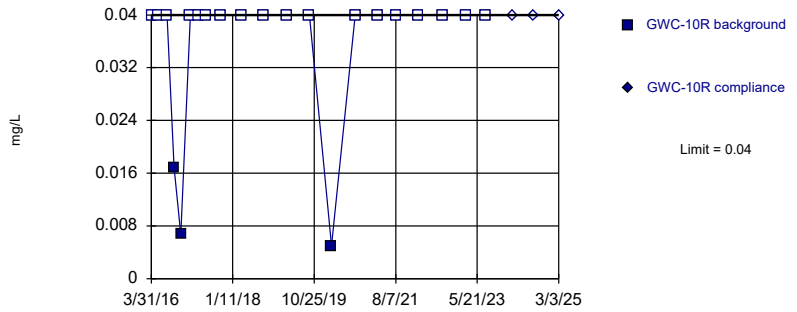
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



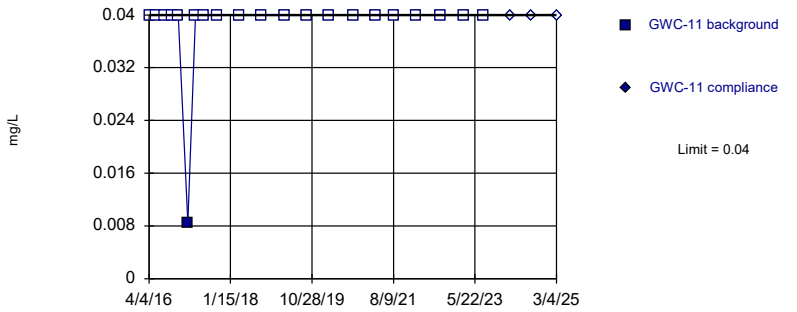
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



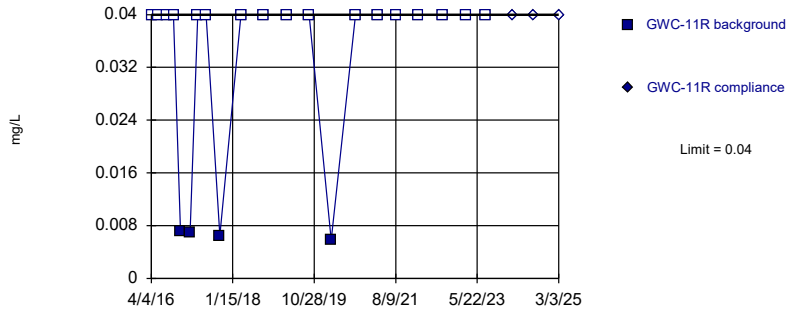
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



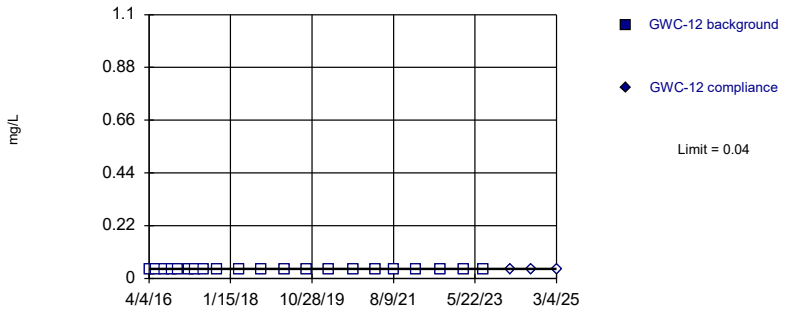
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



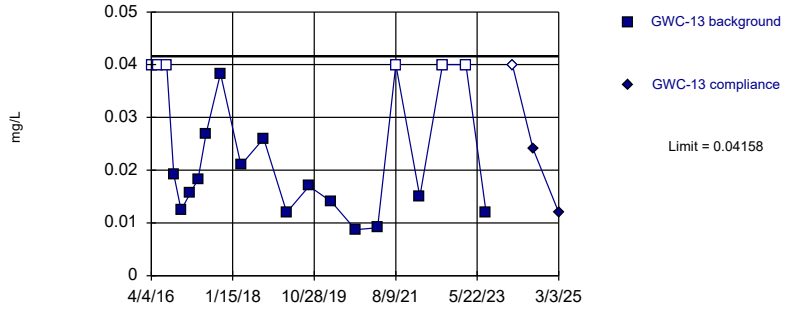
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



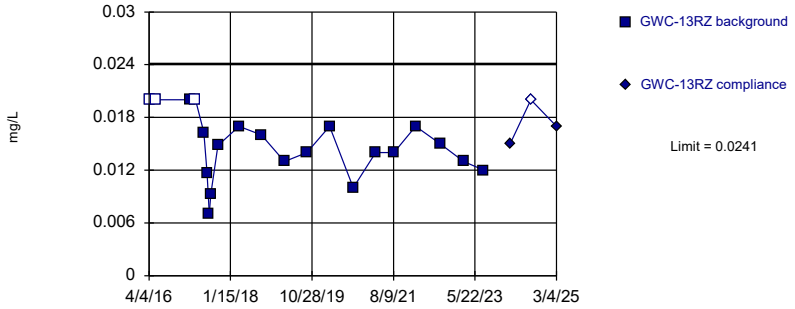
Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.2545, Std. Dev.=0.03604, n=21, 28.57% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8754, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



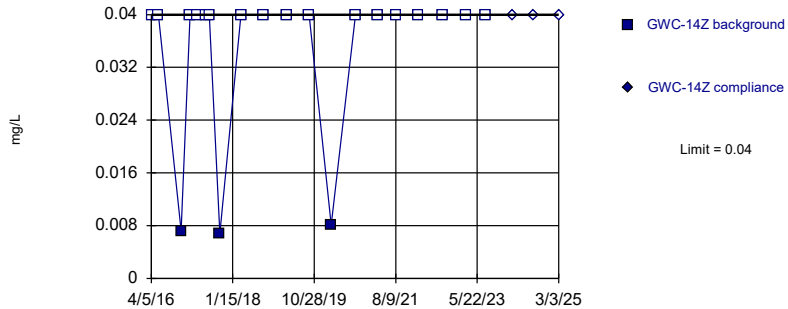
Background Data Summary: Mean=0.01482, Std. Dev.=0.003639, n=21, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9565, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



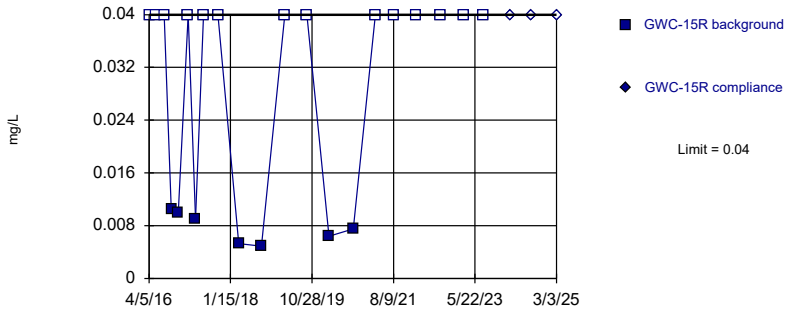
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 85% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:29 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



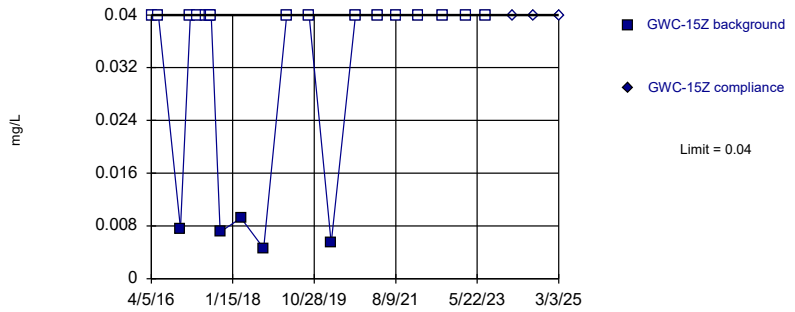
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



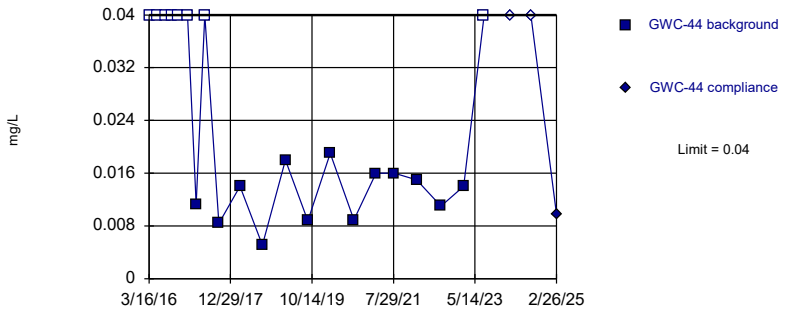
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



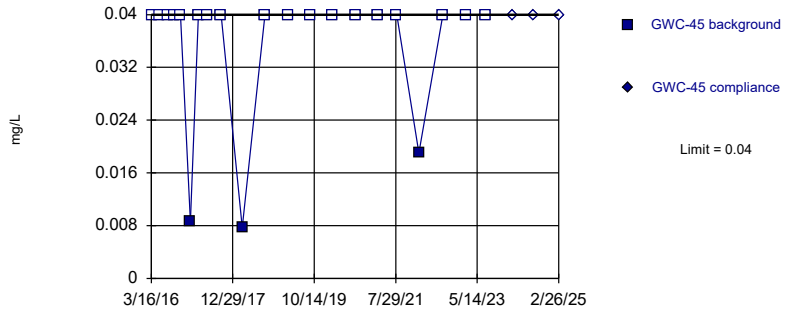
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 38.1% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



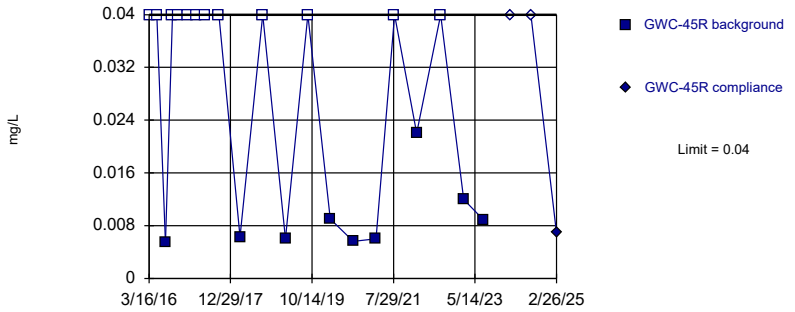
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



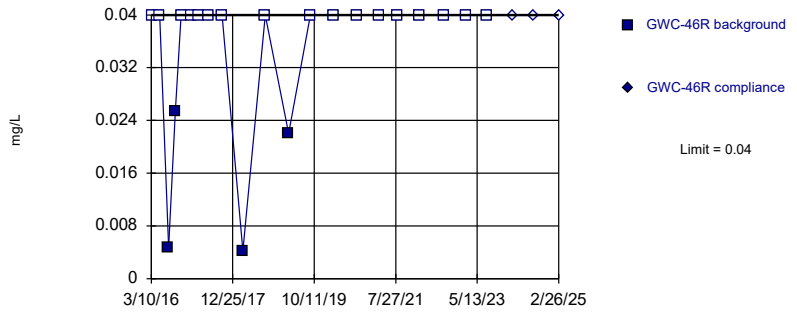
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



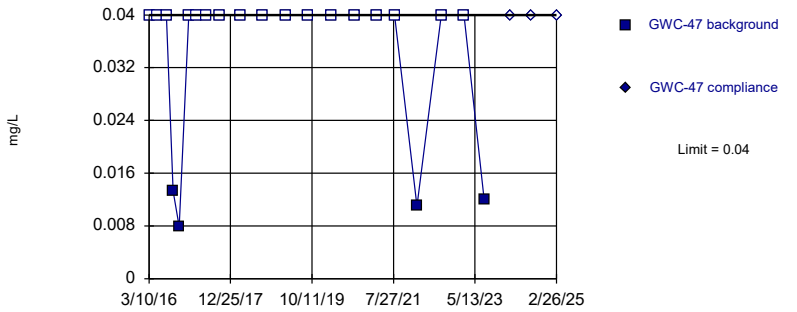
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



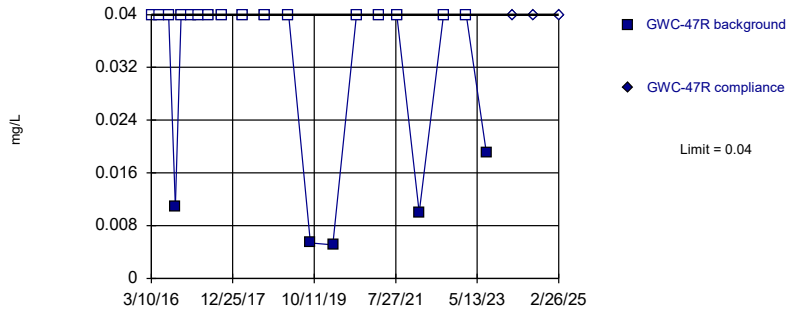
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



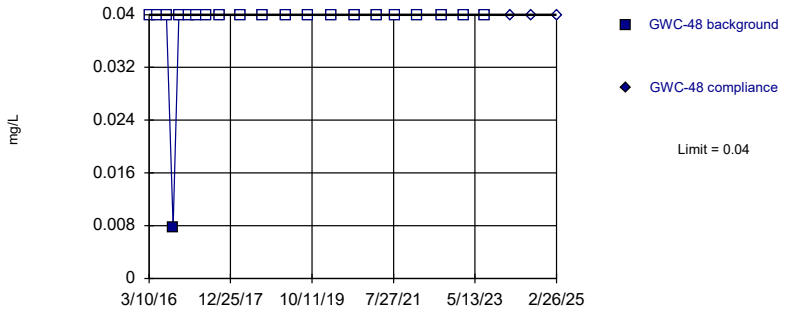
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



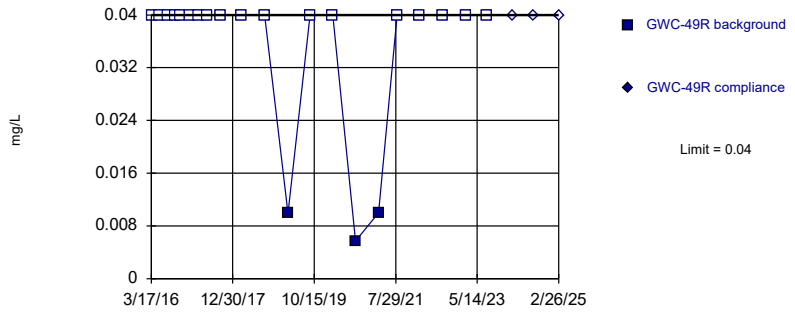
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



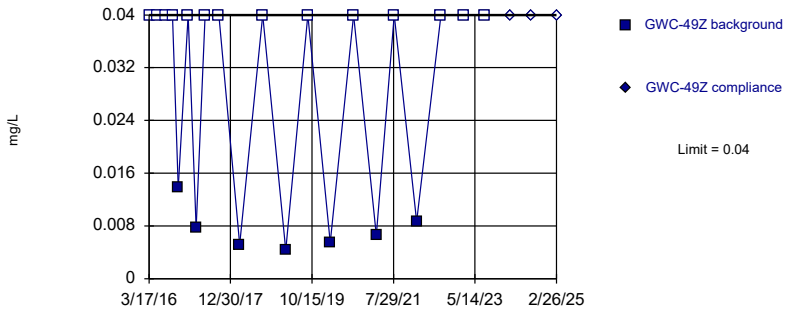
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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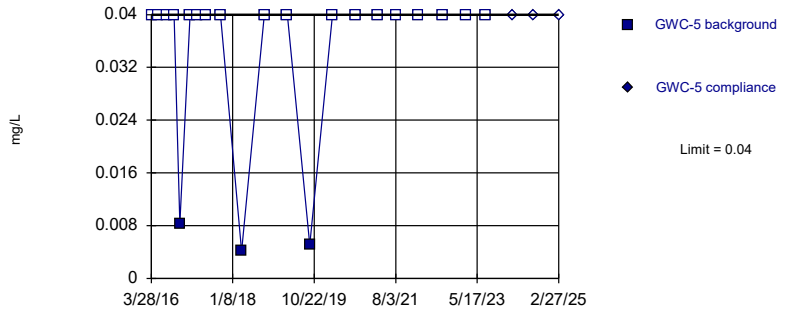
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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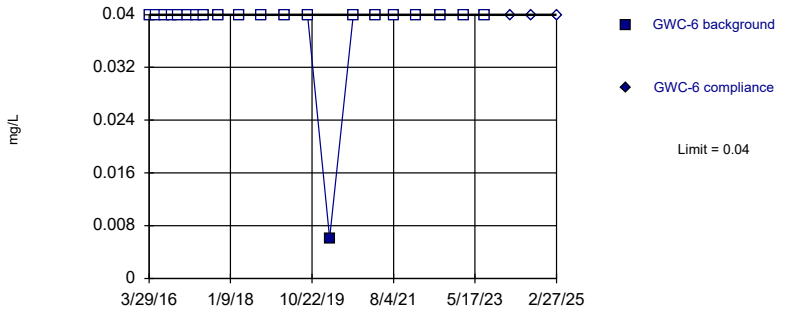
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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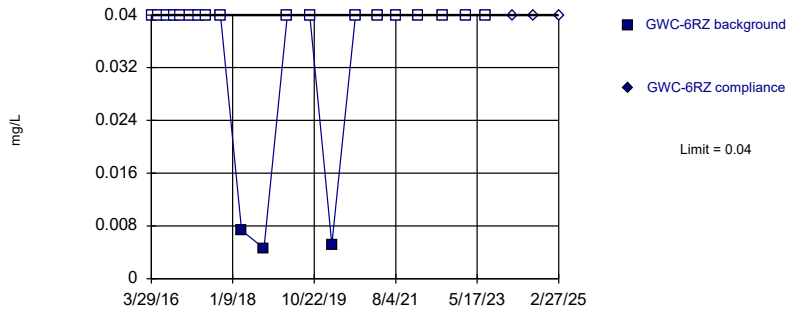
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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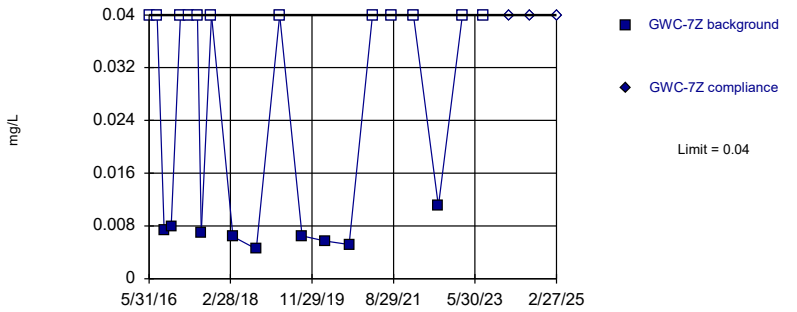
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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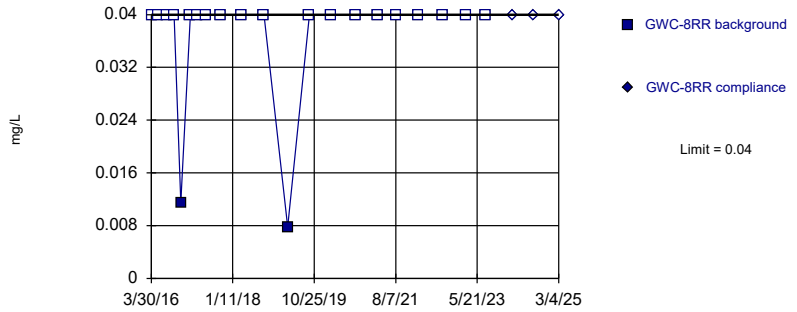
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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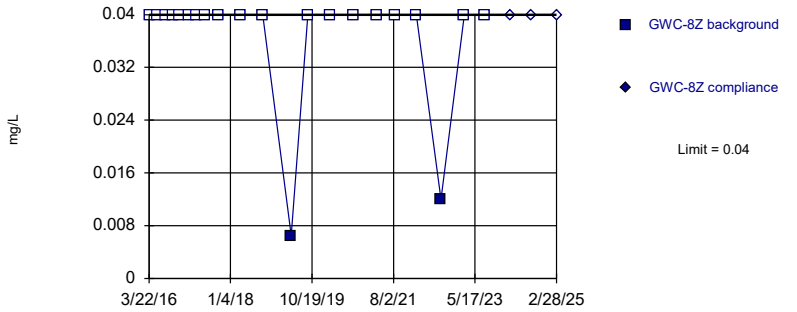
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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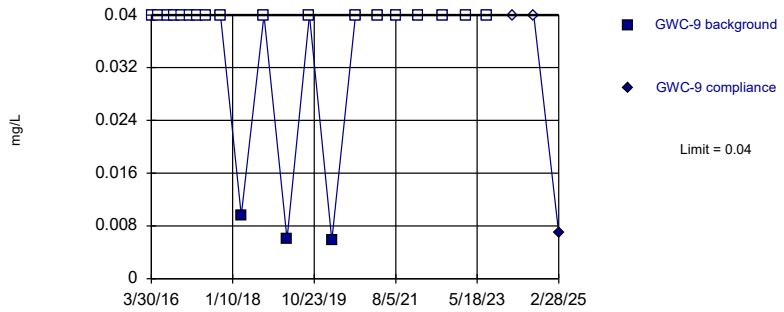
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Boron, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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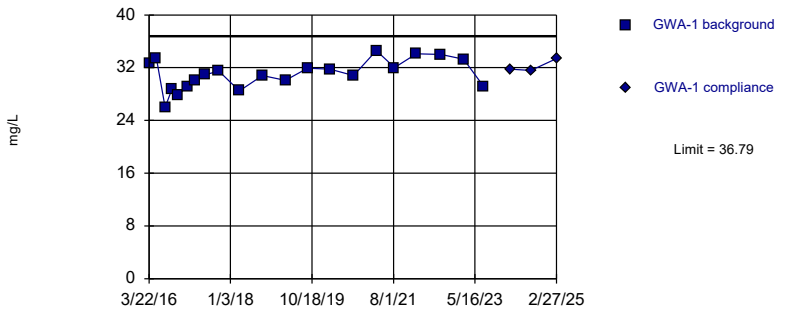
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=31.01, Std. Dev.=2.262, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9772, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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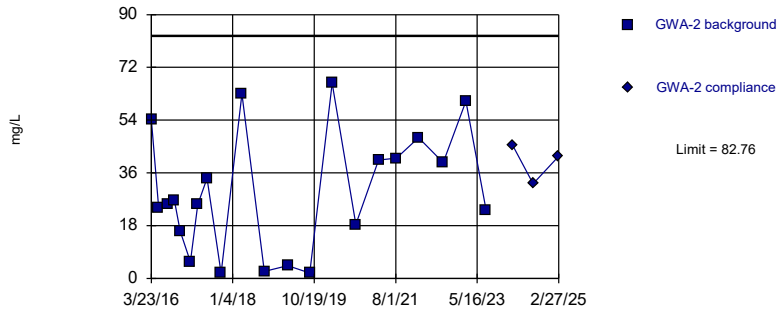
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=29.62, Std. Dev.=20.83, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9396, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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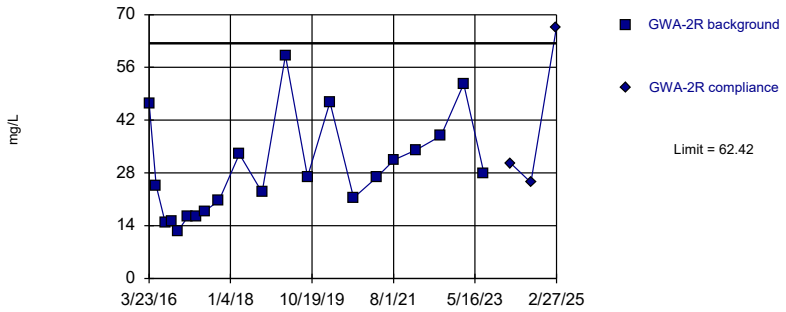
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=28.81, Std. Dev.=13.17, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.916, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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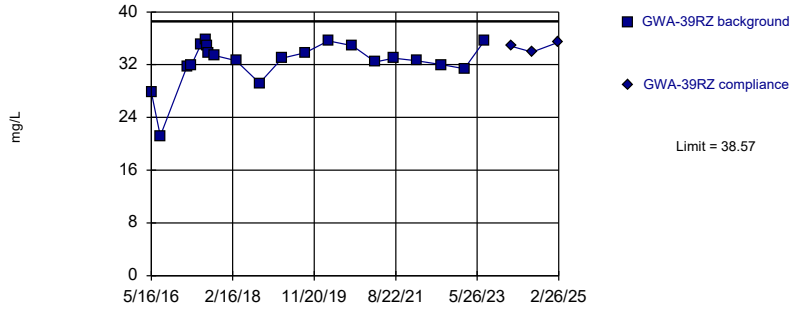
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube transformation): Mean=35146, Std. Dev.=8709, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8953, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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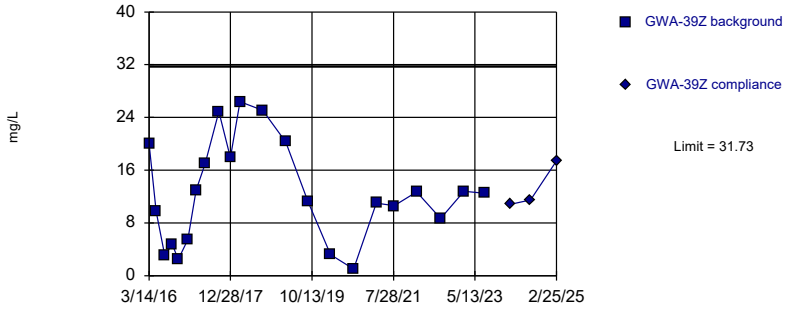
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=12.45, Std. Dev.=7.622, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9475, critical = 0.878. Kappa = 2.53 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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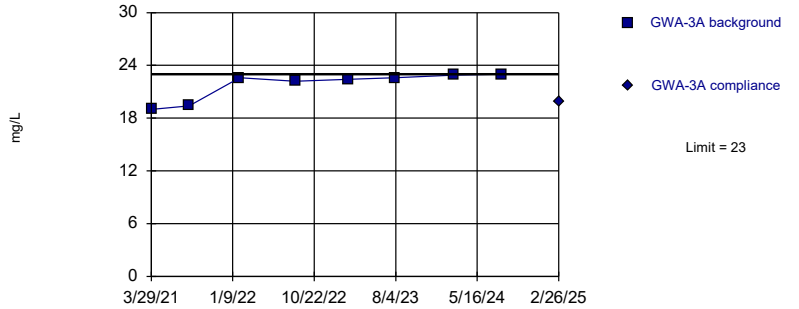
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.1 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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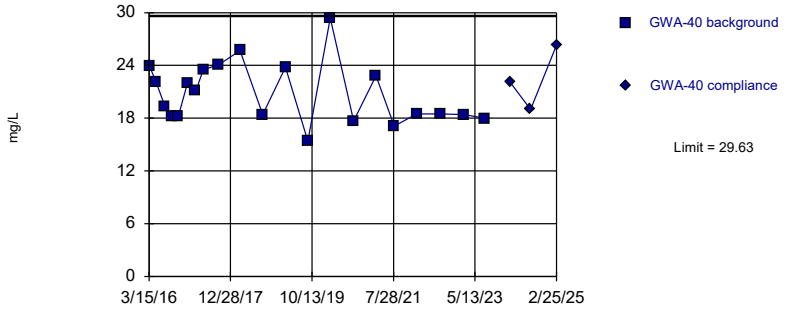
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=20.77, Std. Dev.=3.47, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9229, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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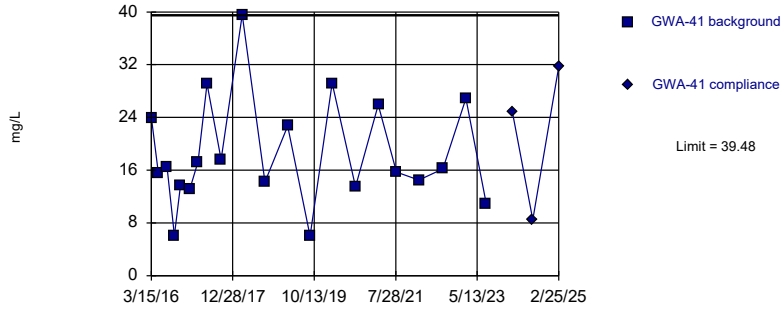
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=18.48, Std. Dev.=8.23, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9297, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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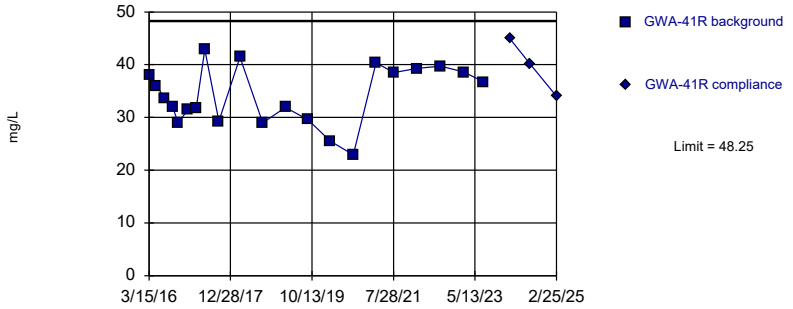
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=34.14, Std. Dev.=5.53, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9573, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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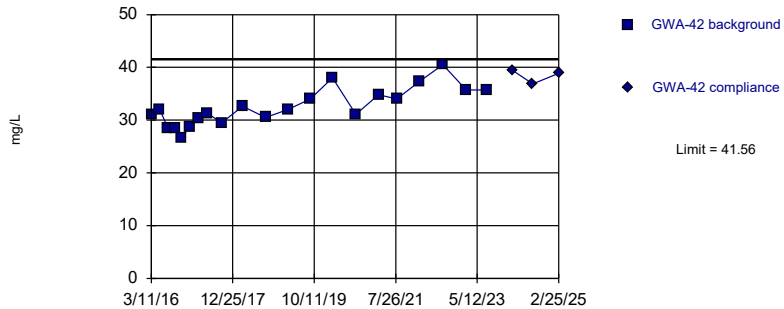
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=32.51, Std. Dev.=3.547, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9696, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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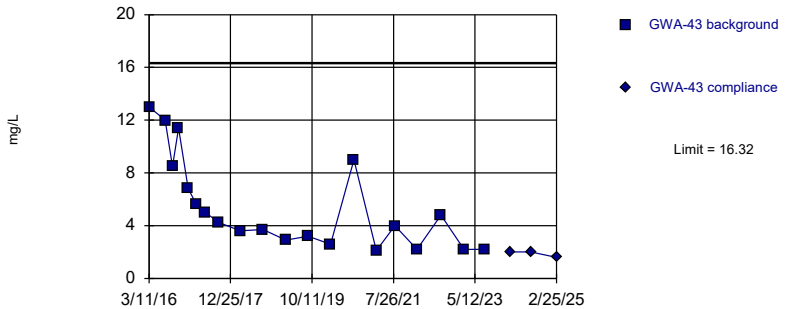
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=2.232, Std. Dev.=0.7025, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8931, critical = 0.868. Kappa = 2.574 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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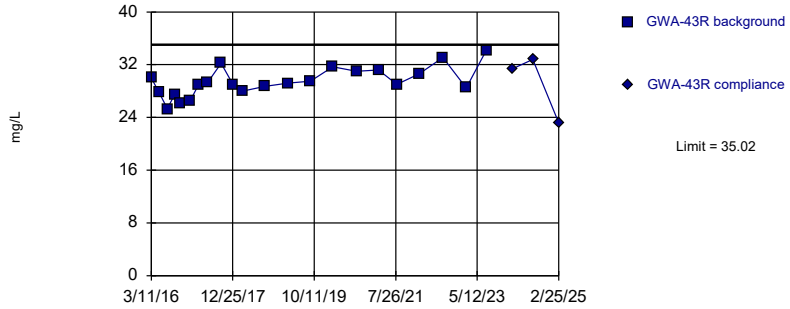
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=29.44, Std. Dev.=2.207, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9835, critical = 0.878. Kappa = 2.53 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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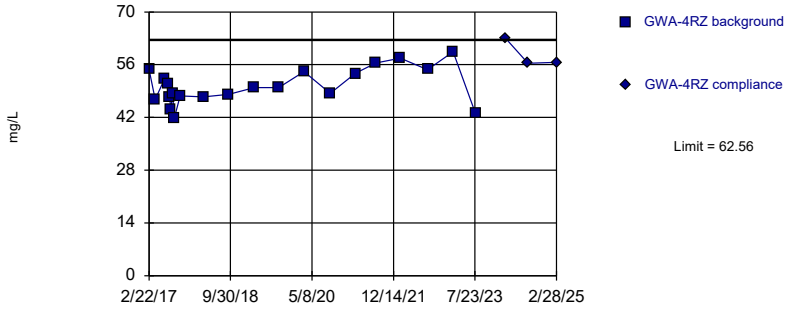
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=50.35, Std. Dev.=4.783, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9713, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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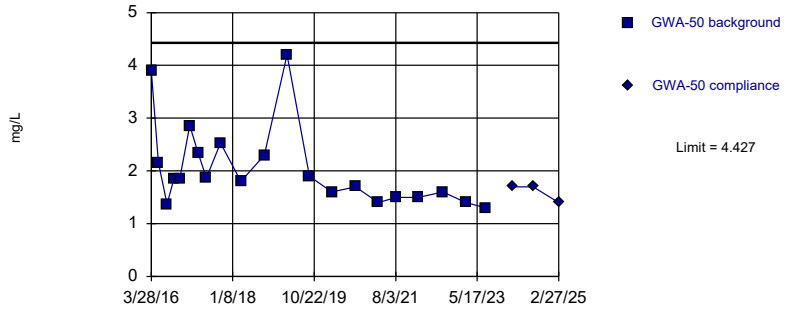
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=0.6597, Std. Dev.=0.3245, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8988, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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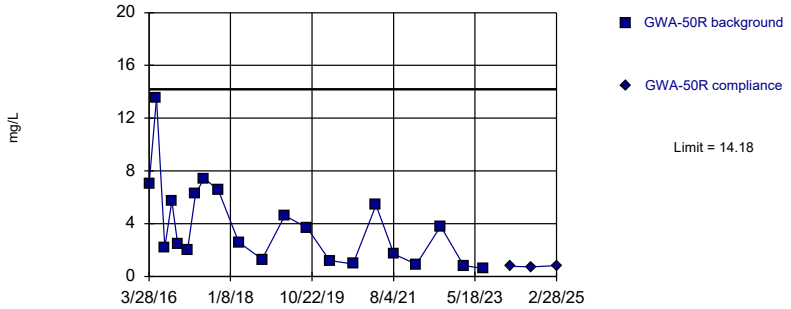
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.814, Std. Dev.=0.765, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9437, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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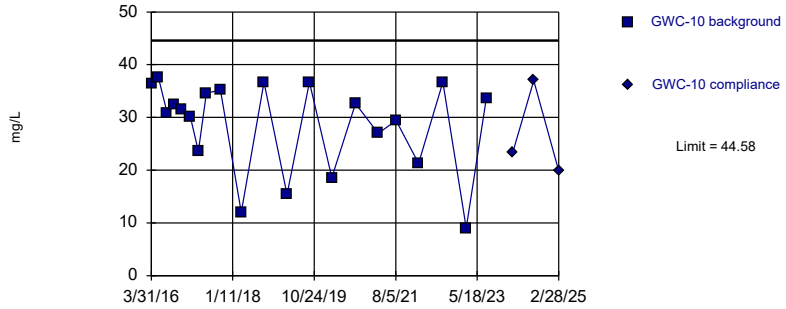
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=891, Std. Dev.=429.8, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9072, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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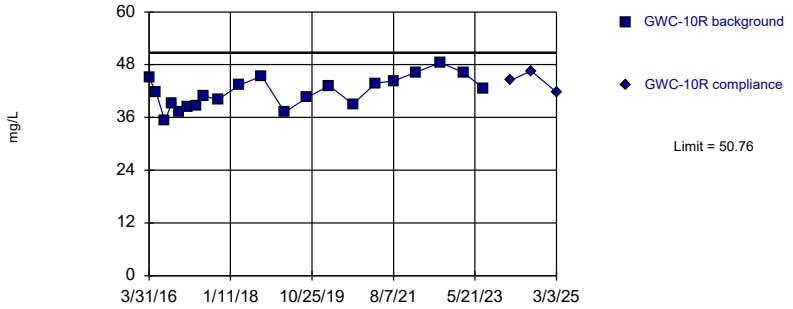
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=41.74, Std. Dev.=3.534, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9816, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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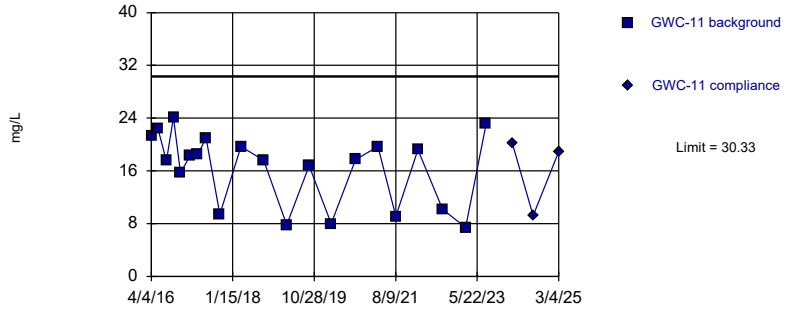
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=16.41, Std. Dev.=5.456, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.888, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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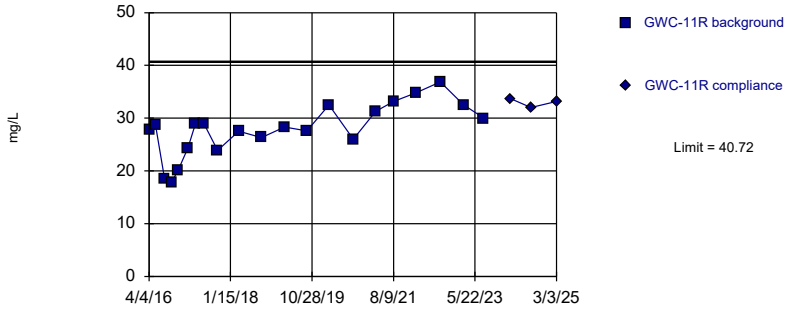
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=27.91, Std. Dev.=5.017, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9643, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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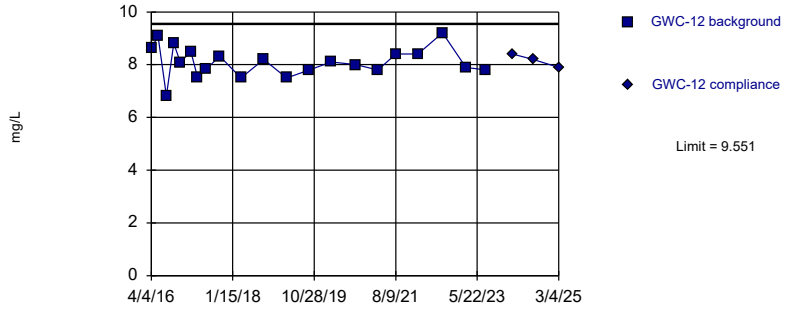
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=8.102, Std. Dev.=0.5677, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9783, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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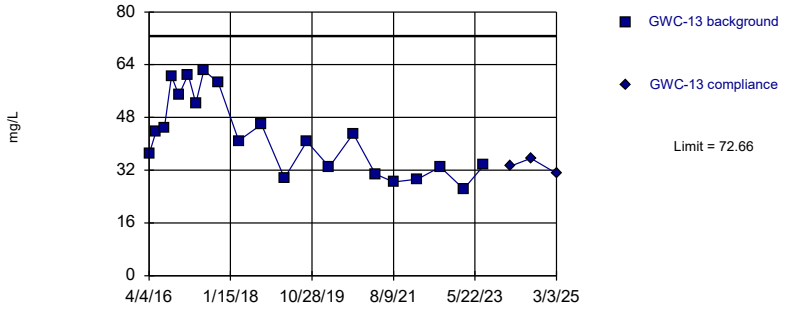
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=42.37, Std. Dev.=11.87, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.919, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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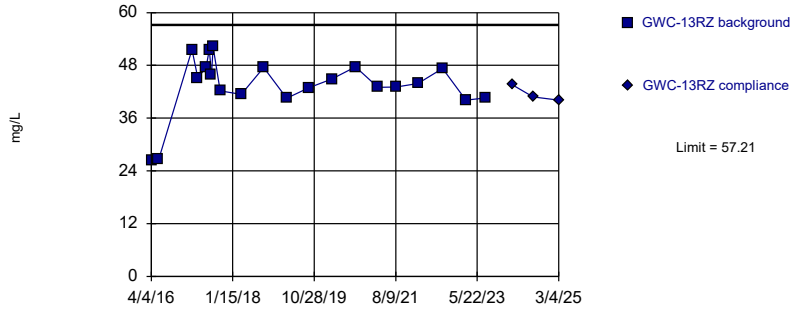
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=1930, Std. Dev.=526.5, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9019, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:30 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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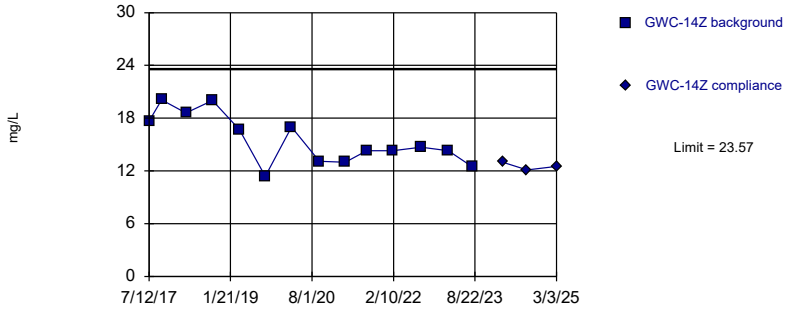
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=15.55, Std. Dev.=2.805, n=14. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9355, critical = 0.874. Kappa = 2.86 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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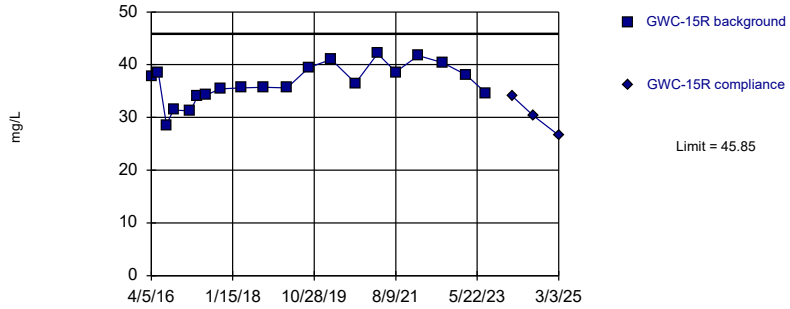
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=36.52, Std. Dev.=3.624, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9687, critical = 0.868. Kappa = 2.574 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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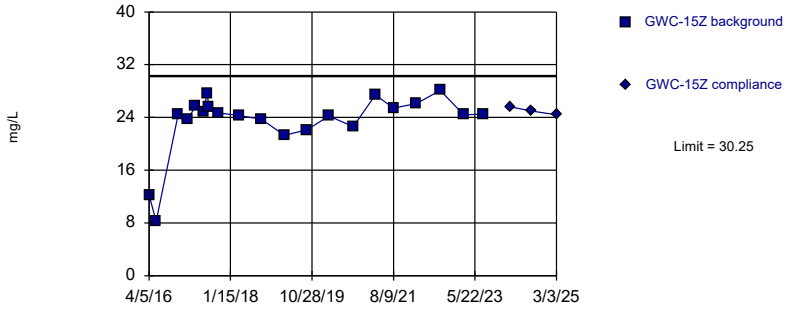
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube transformation): Mean=14090, Std. Dev.=5331, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8829, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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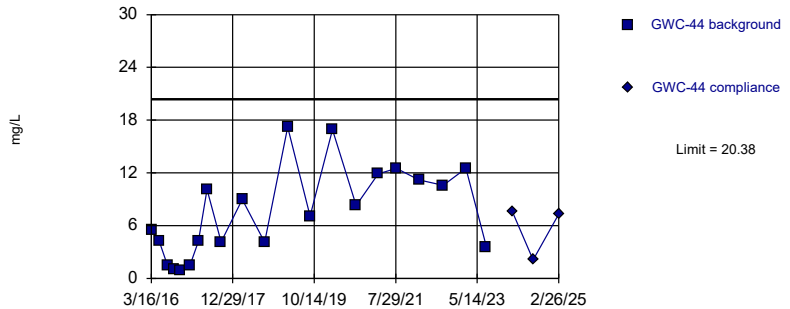
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.518, Std. Dev.=5.04, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9338, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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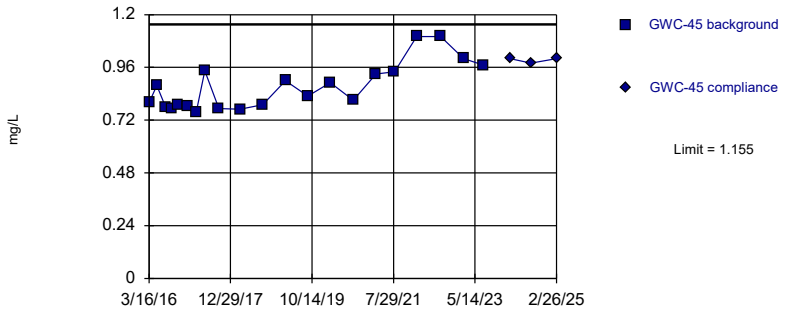
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.9322, Std. Dev.=0.05595, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8807, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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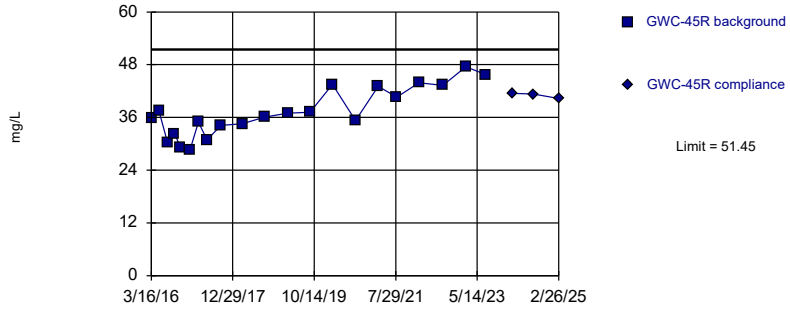
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=37.22, Std. Dev.=5.573, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9499, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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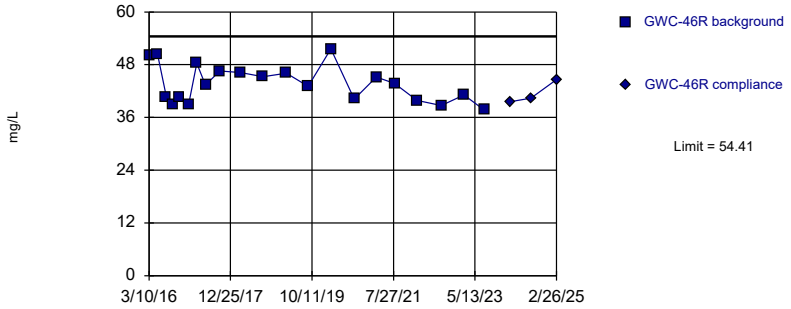
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=43.65, Std. Dev.=4.217, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9426, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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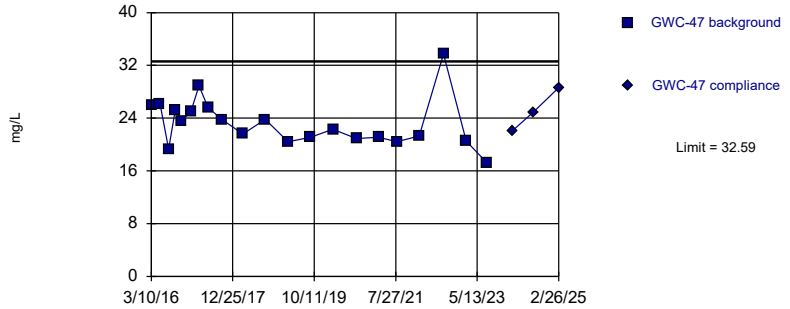
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=23.25, Std. Dev.=3.662, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9181, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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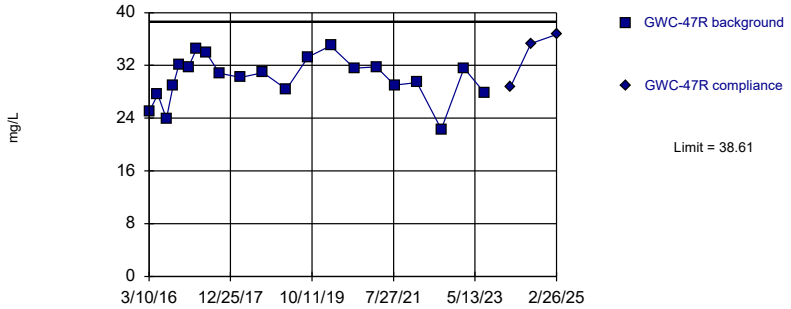
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=30, Std. Dev.=3.372, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9502, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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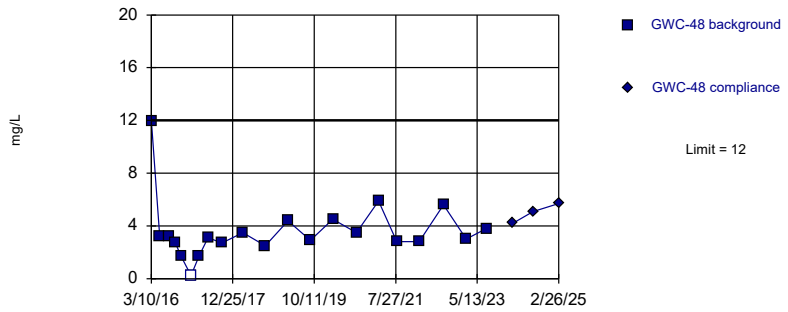
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 4.762% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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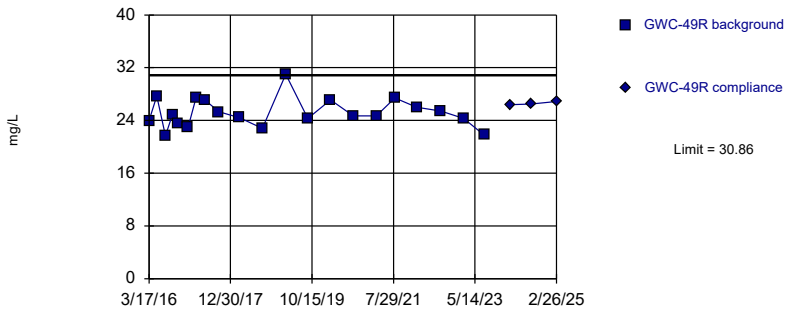
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=25.18, Std. Dev.=2.227, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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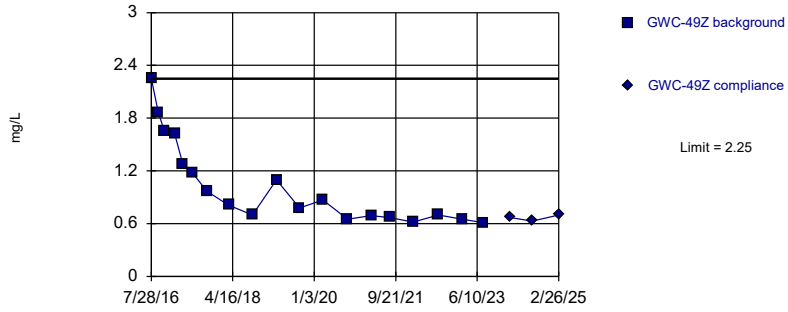
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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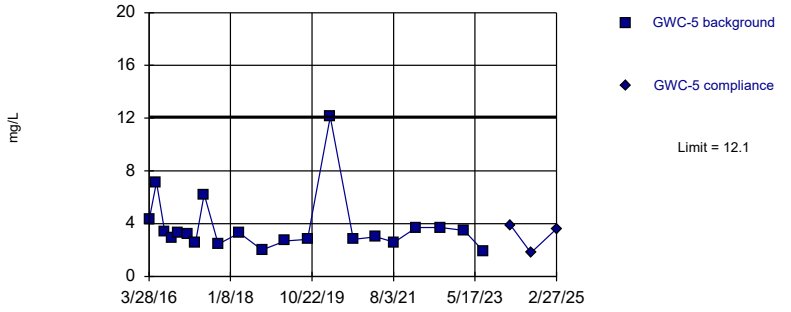
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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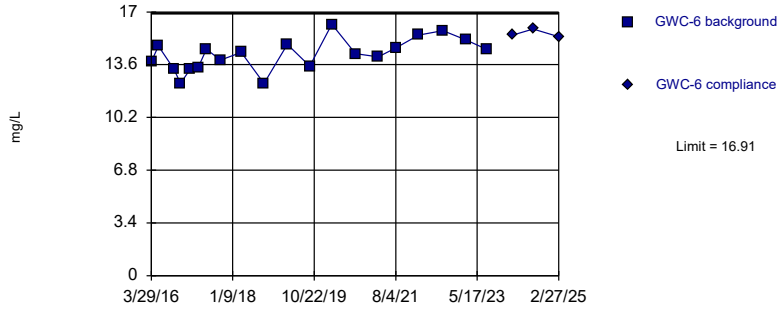
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=14.26, Std. Dev.=1.03, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9788, critical = 0.868. Kappa = 2.574 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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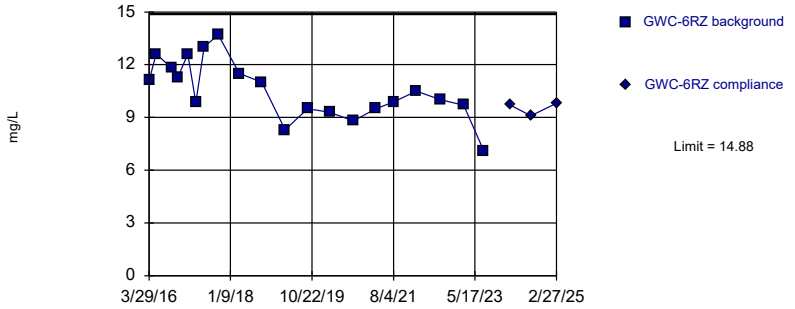
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=10.55, Std. Dev.=1.68, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9821, critical = 0.868. Kappa = 2.574 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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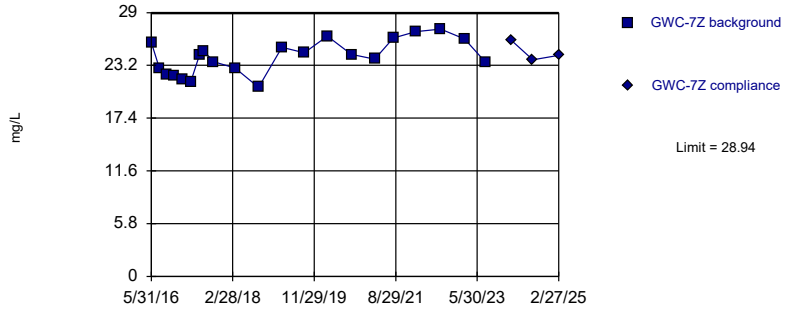
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=24.14, Std. Dev.=1.881, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9702, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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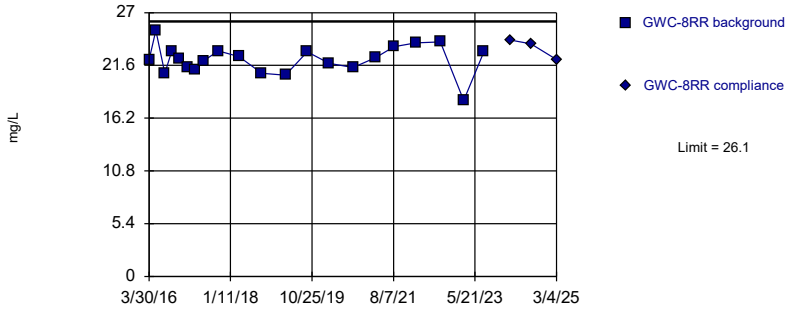
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=22.2, Std. Dev.=1.527, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9567, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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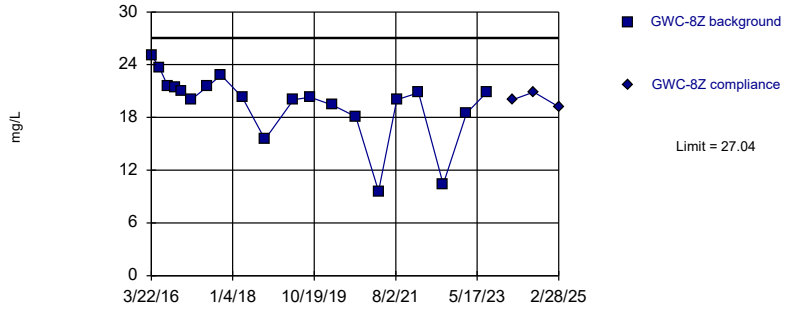
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=395.6, Std. Dev.=130.3, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9, critical = 0.868. Kappa = 2.574 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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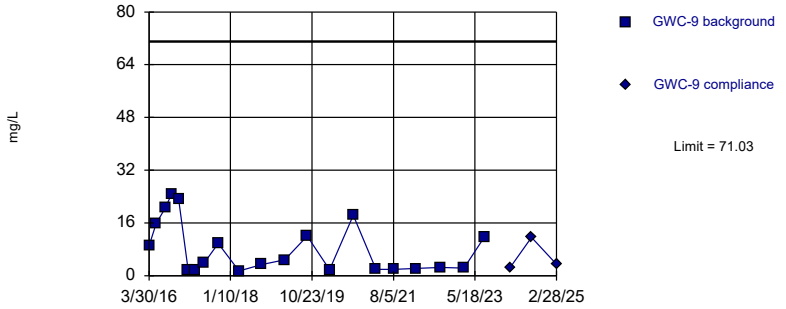
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=1.635, Std. Dev.=1.03, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.882, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Calcium, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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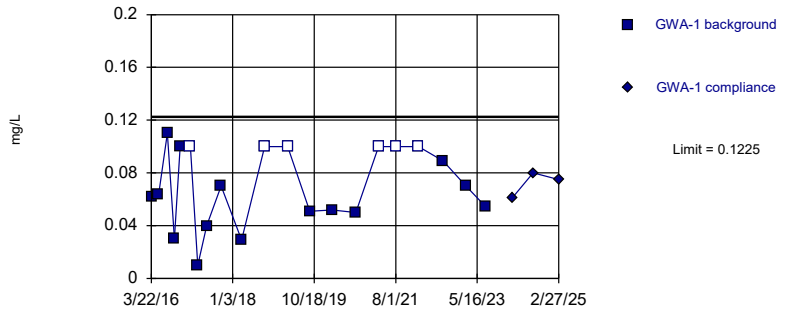
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.05634, Std. Dev.=0.02593, n=21, 28.57% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9064, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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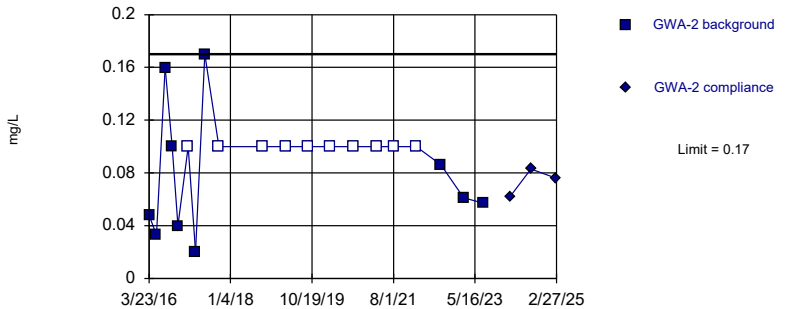
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 50% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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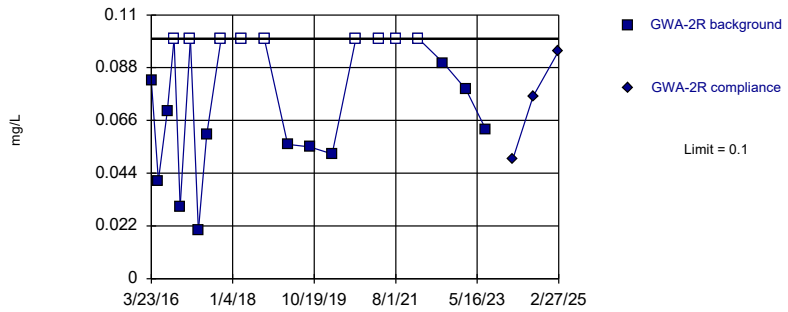
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



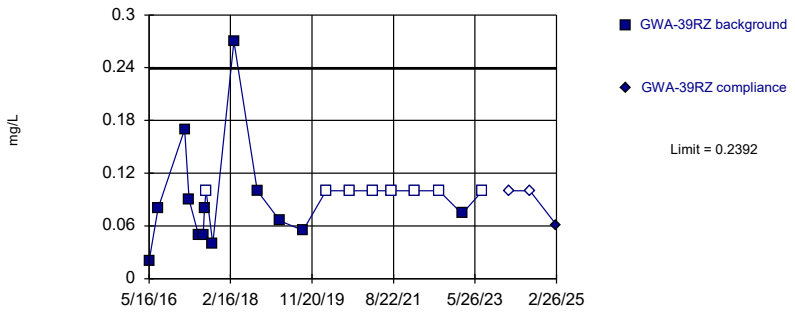
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 42.86% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



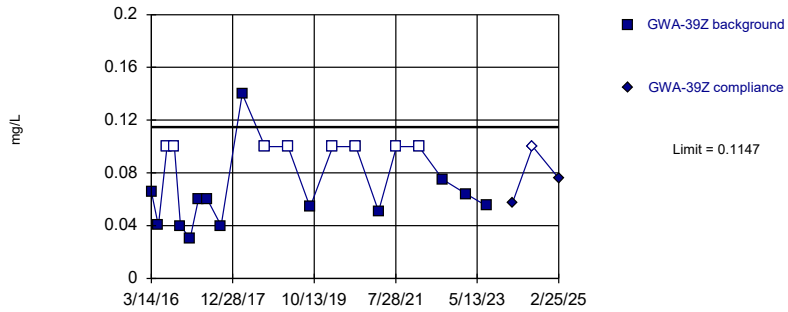
Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.3989, Std. Dev.=0.08694, n=21, 38.1% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8894, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



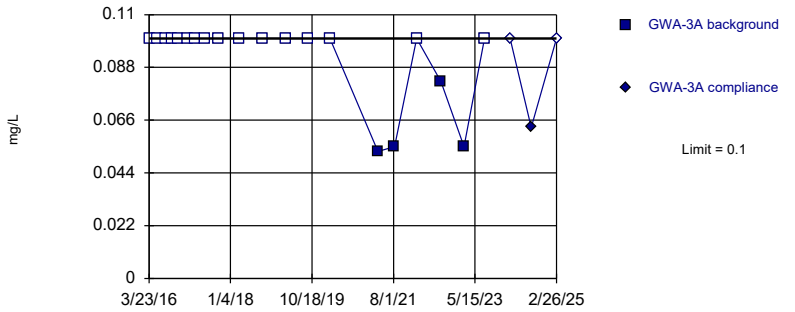
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.05489, Std. Dev.=0.02343, n=21, 38.1% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9023, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



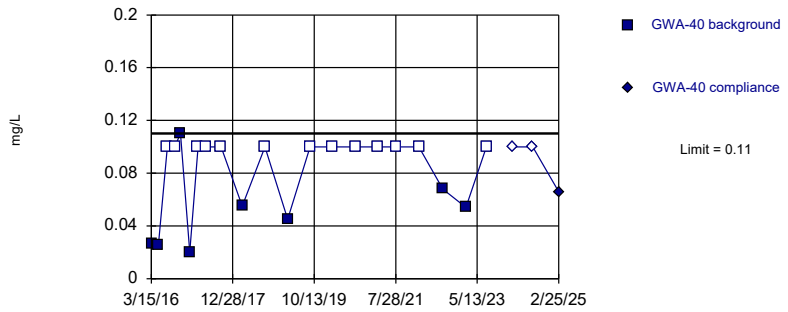
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 80% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



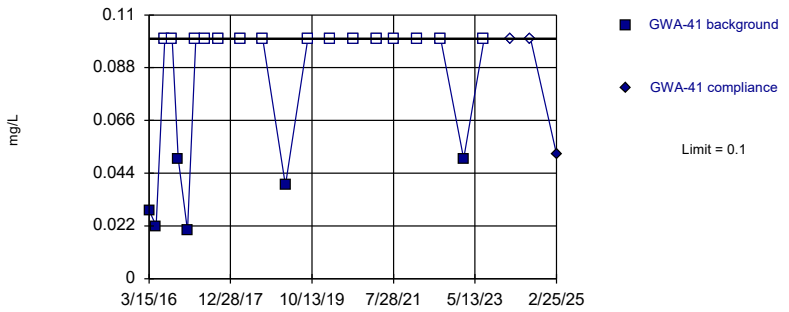
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



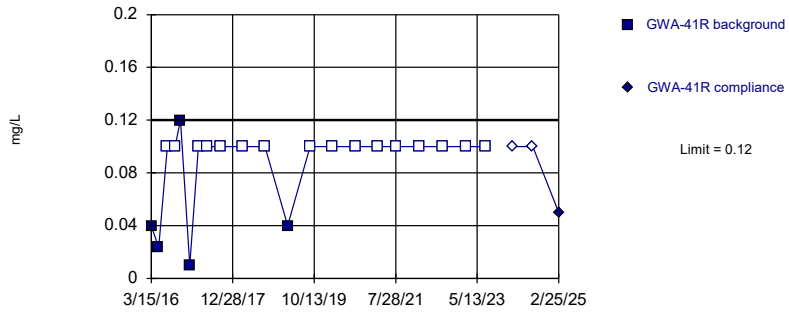
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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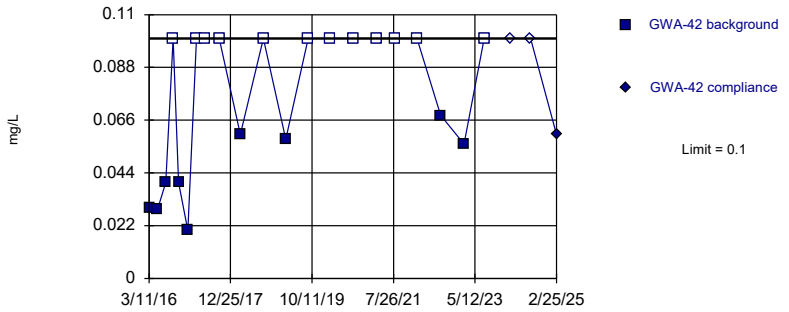
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



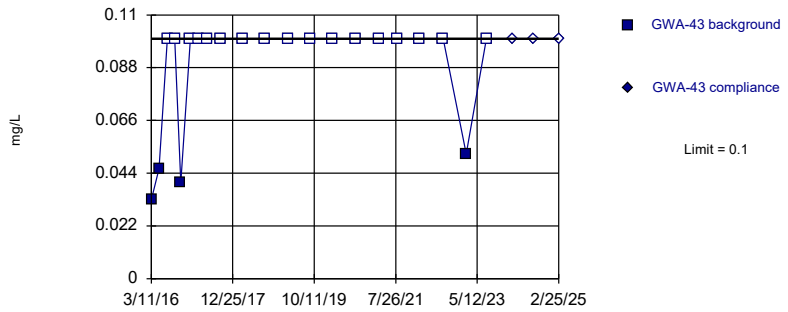
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



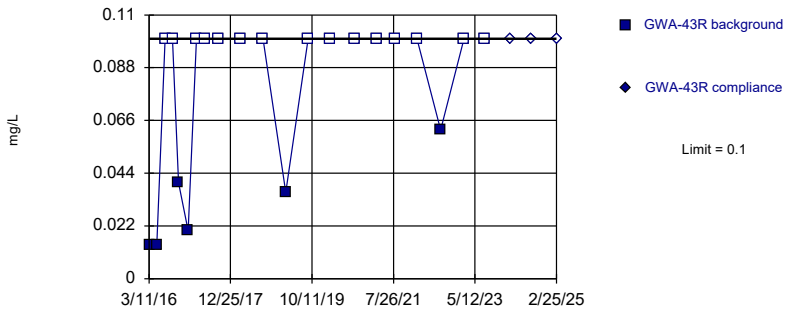
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



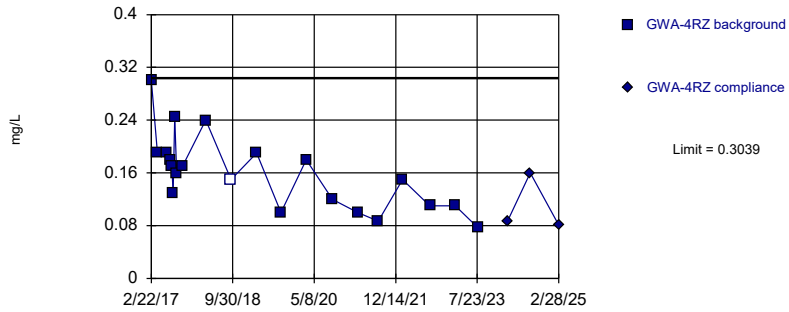
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



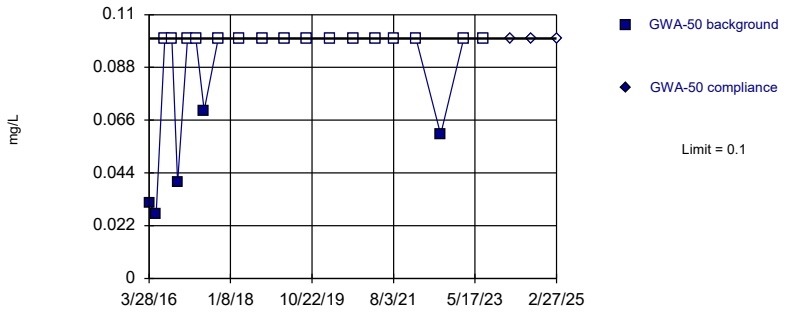
Background Data Summary: Mean=0.1595, Std. Dev.=0.05658, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.947, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



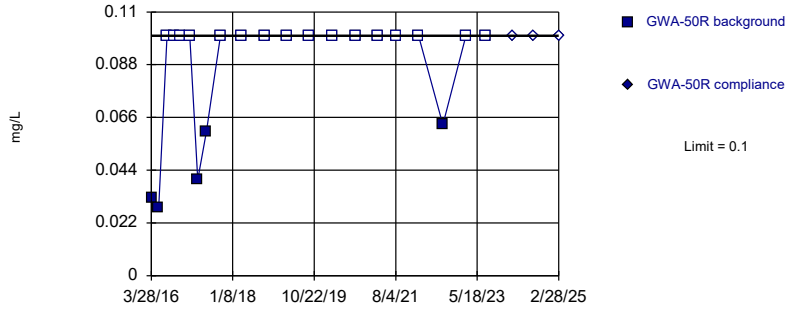
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



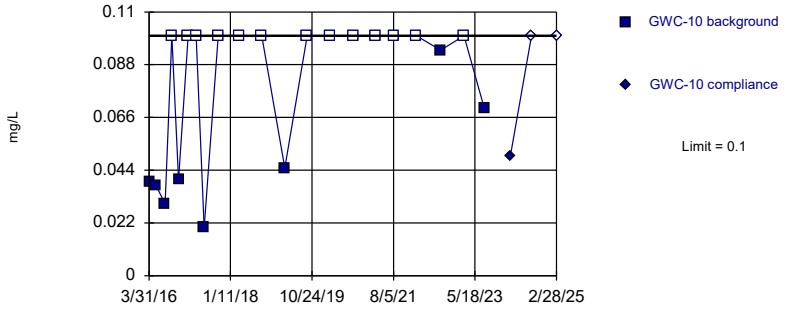
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



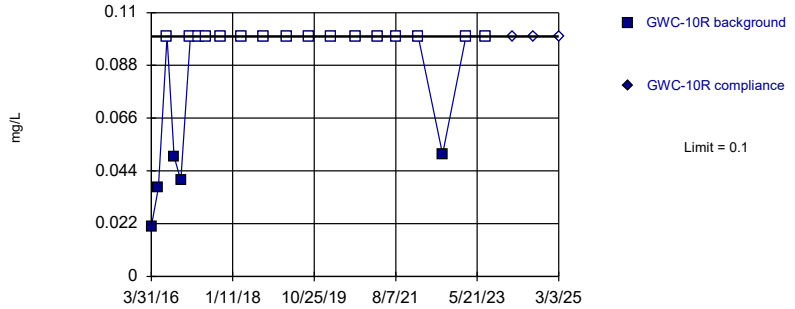
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



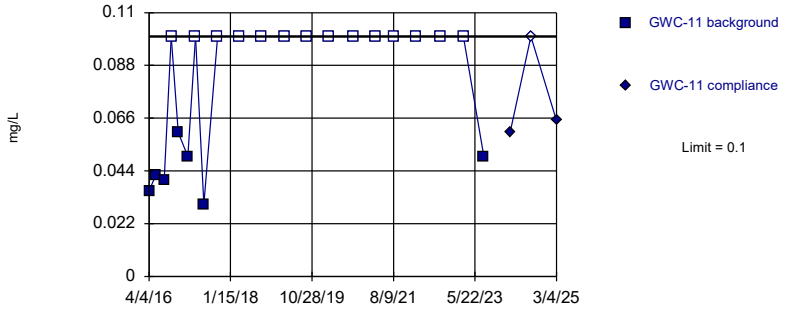
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



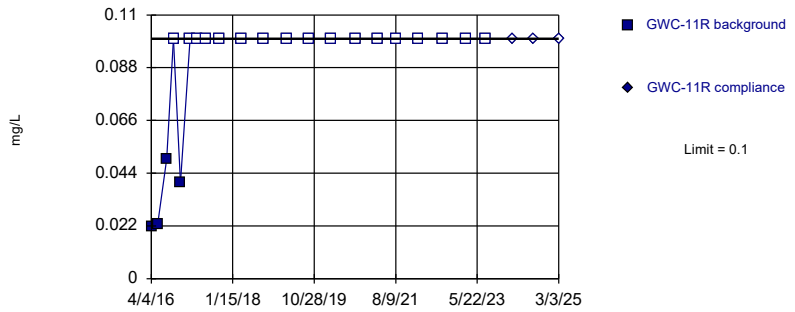
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



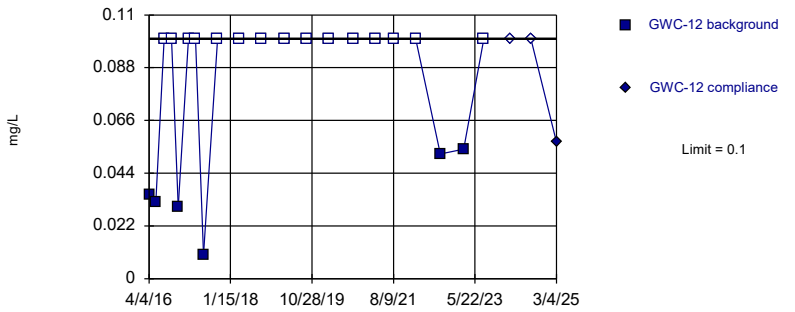
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



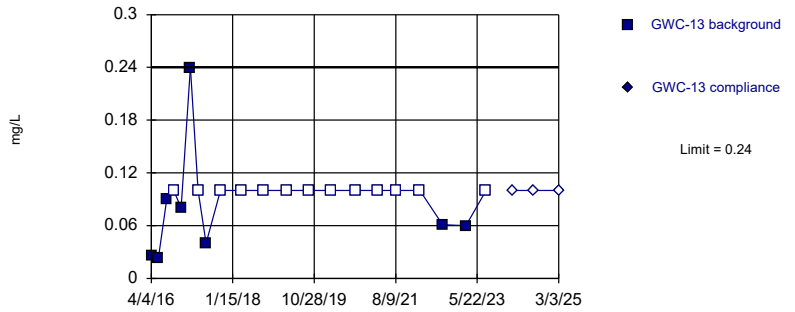
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:31 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



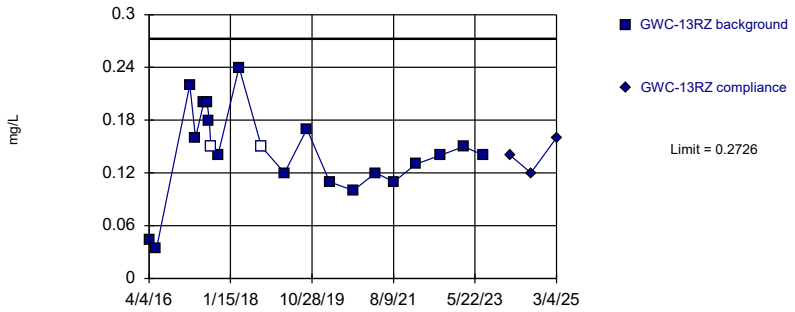
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



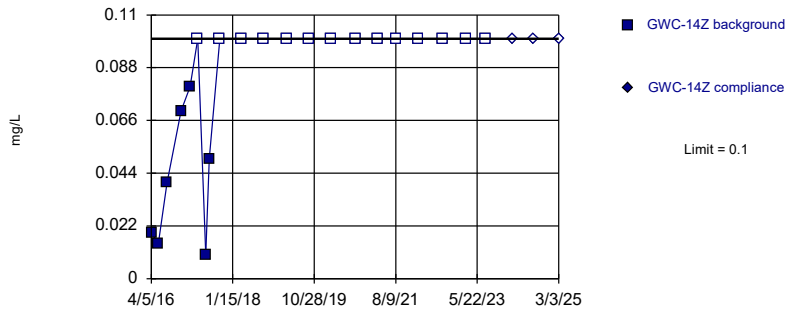
Background Data Summary: Mean=0.1432, Std. Dev.=0.05068, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9641, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



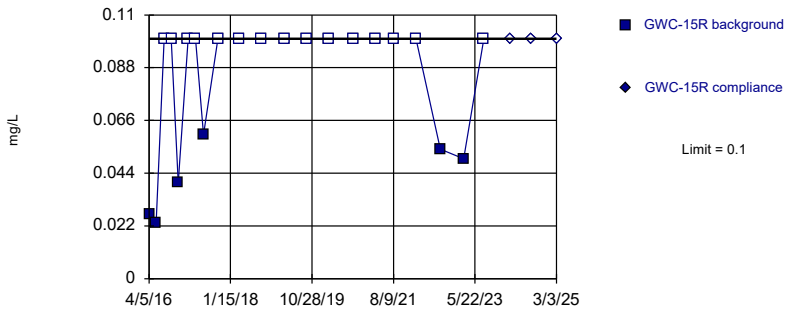
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



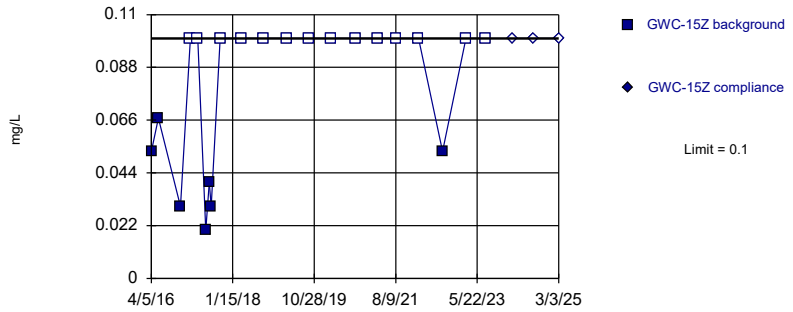
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



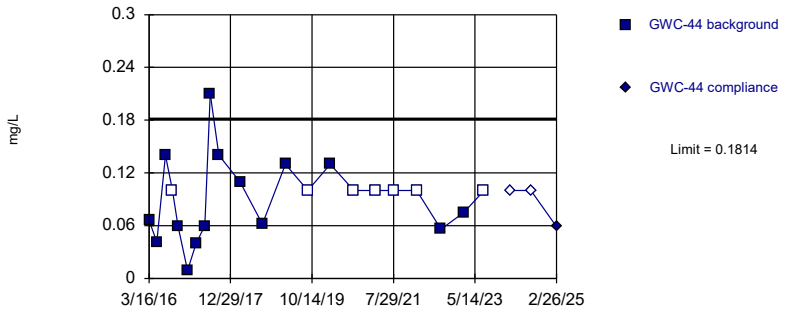
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



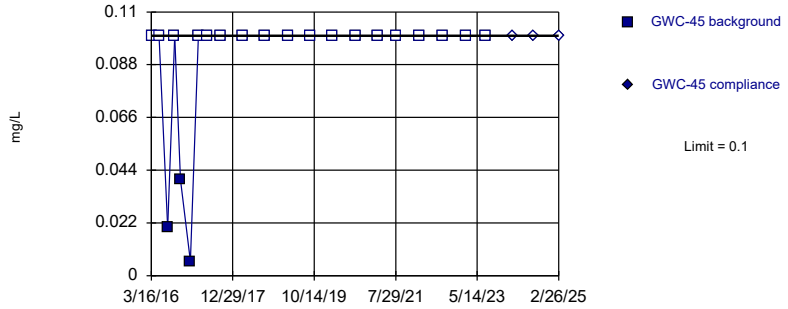
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.06786, Std. Dev.=0.04489, n=22, 31.82% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9455, critical = 0.878. Kappa = 2.53 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



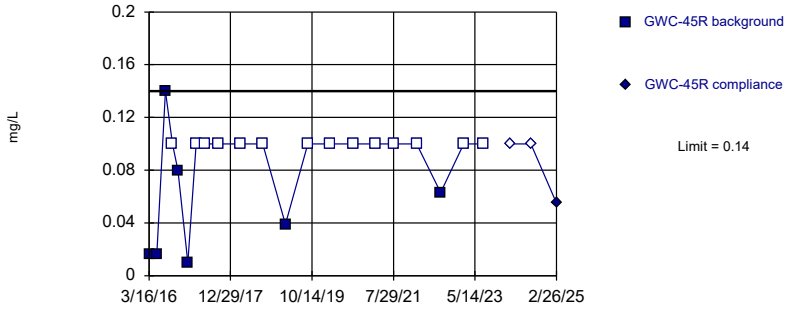
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



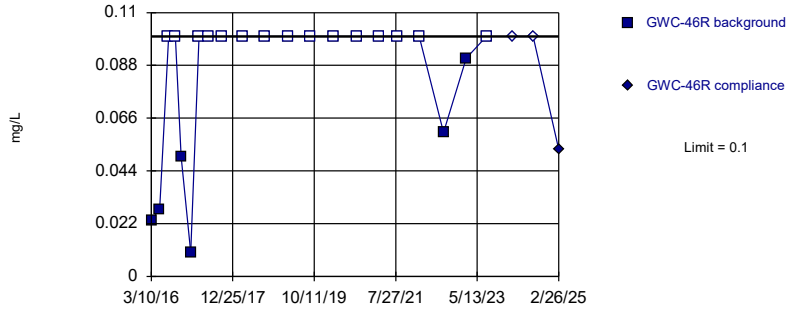
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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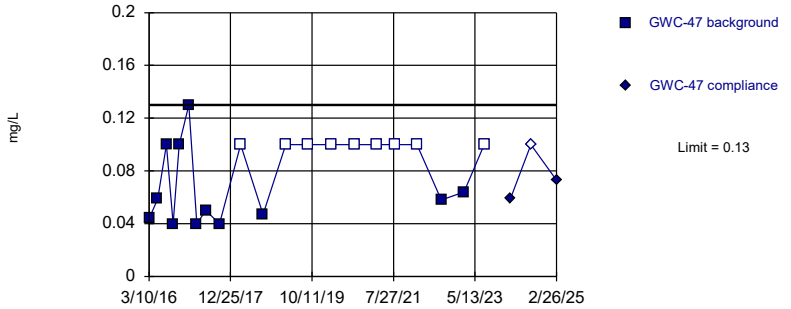
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



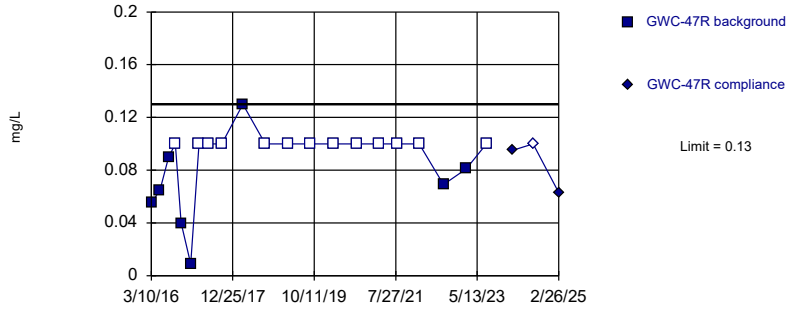
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 42.86% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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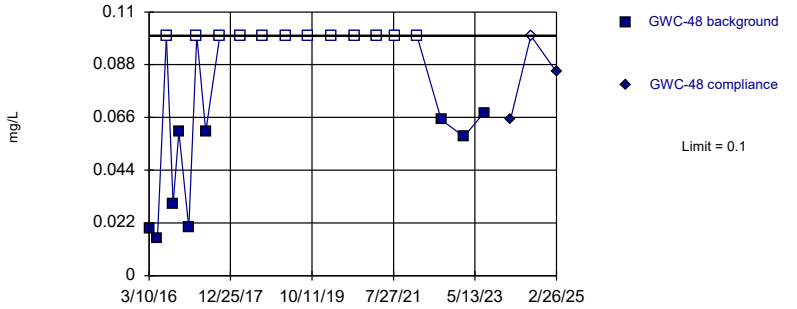
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 57.14% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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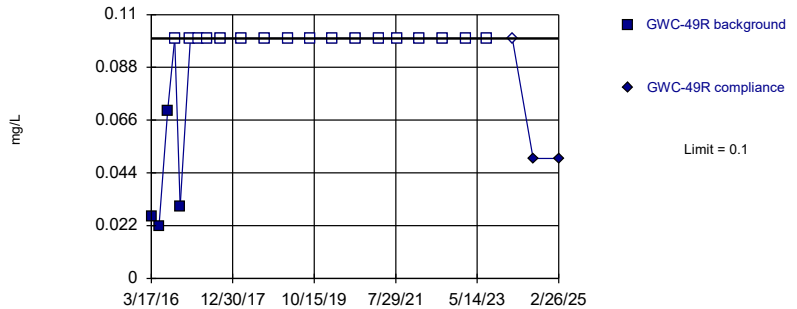
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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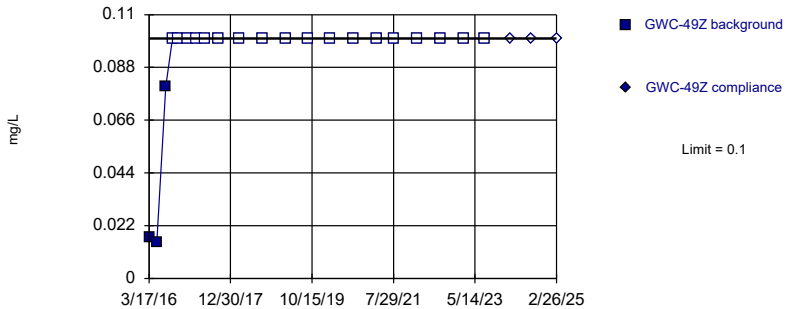
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



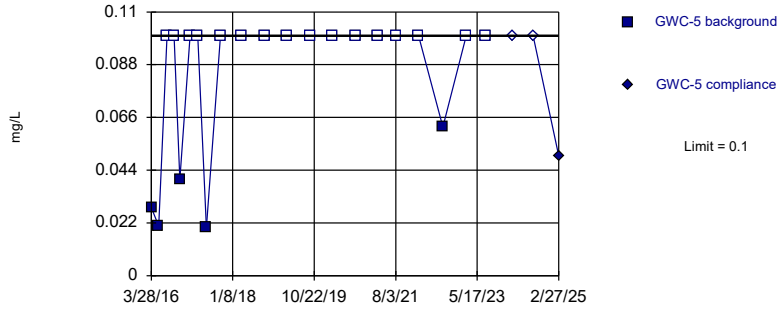
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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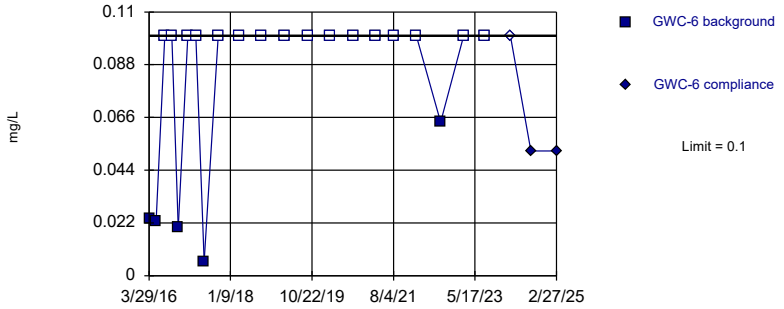
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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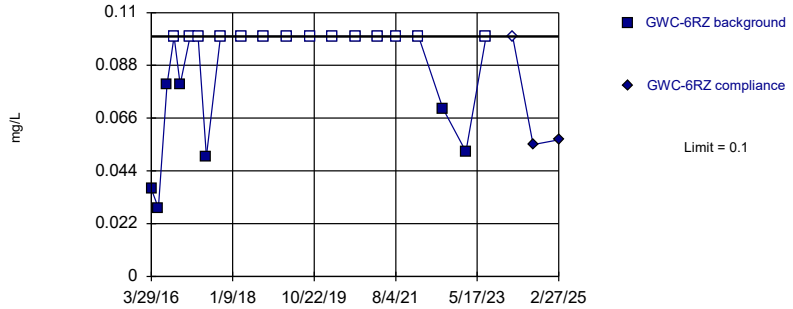
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



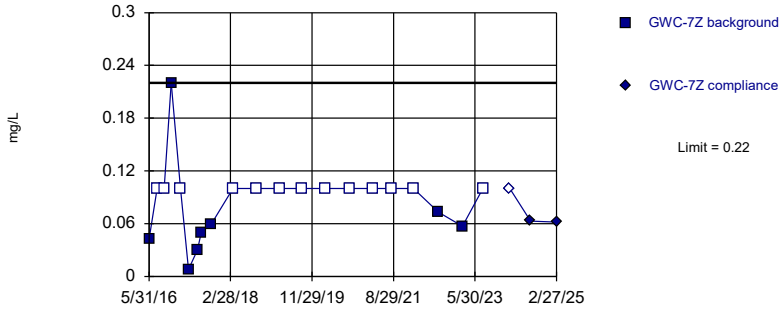
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 61.9% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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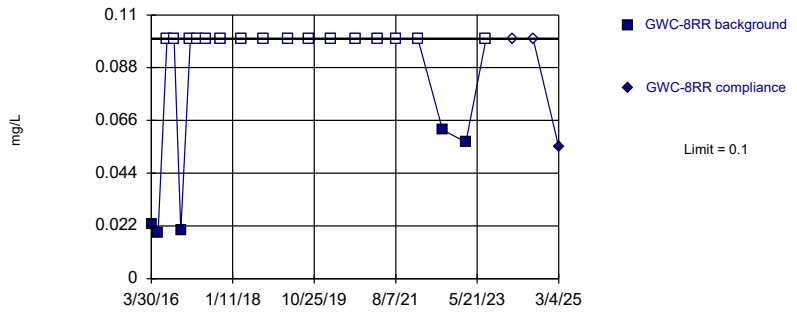
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



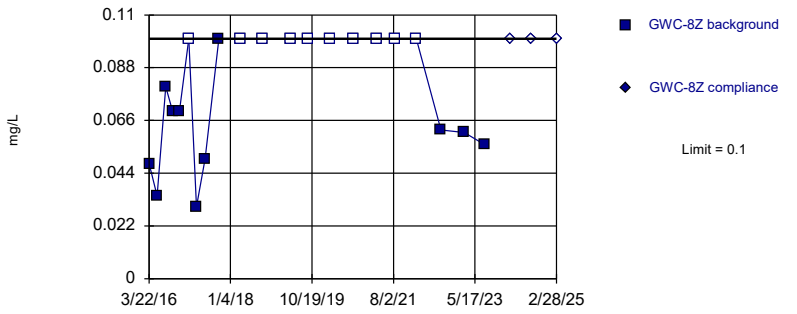
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



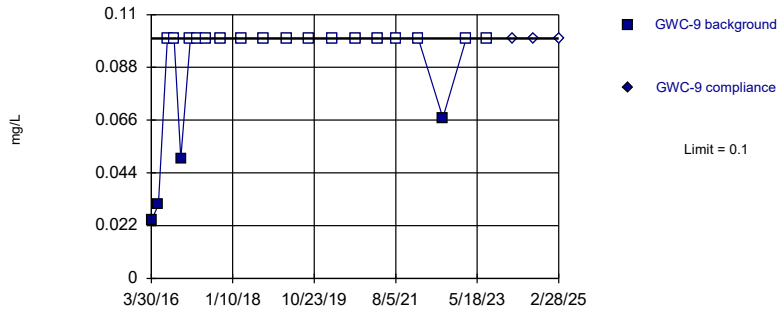
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 47.62% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Fluoride, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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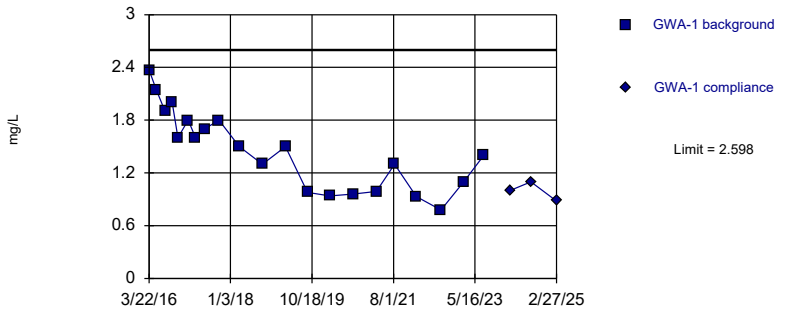
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.457, Std. Dev.=0.4474, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9588, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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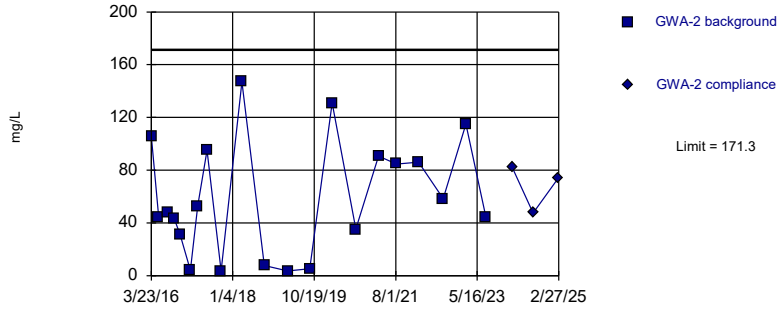
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=58.87, Std. Dev.=44.05, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9346, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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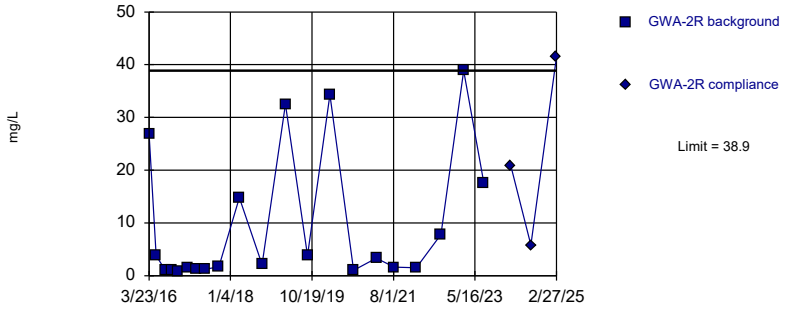
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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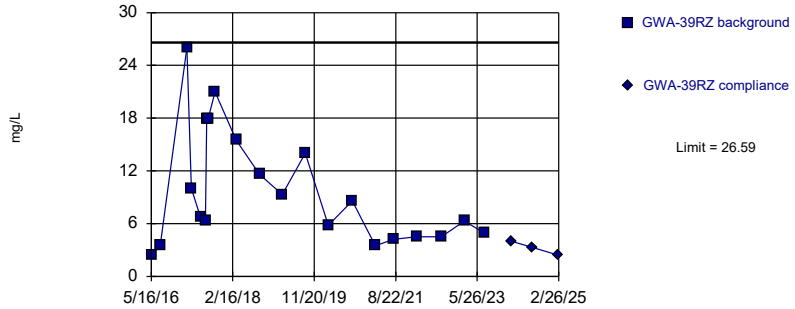
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=9.752, Std. Dev.=6.6, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8802, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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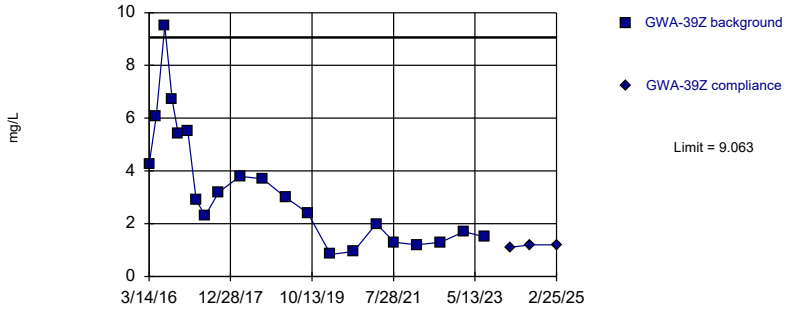
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.31, Std. Dev.=2.255, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8913, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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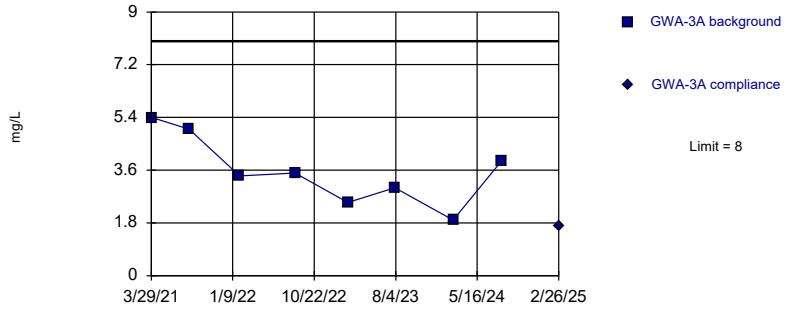
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.575, Std. Dev.=1.183, n=8. Normality test: Shapiro Wilk @alpha = 0.1, calculated = 0.9633, critical = 0.851. Kappa = 3.741 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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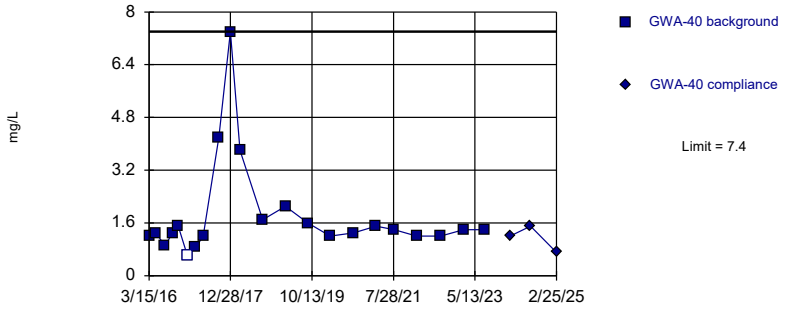
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. 4.545% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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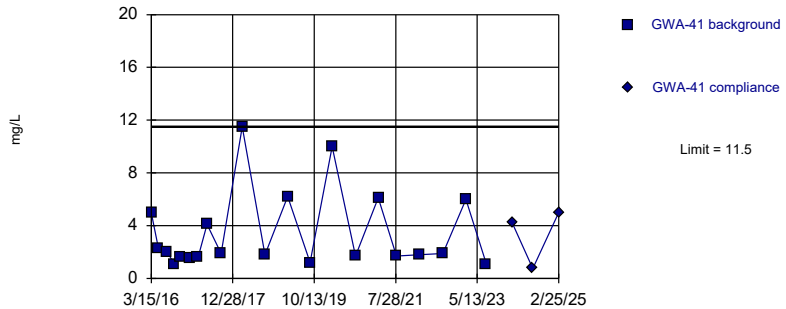
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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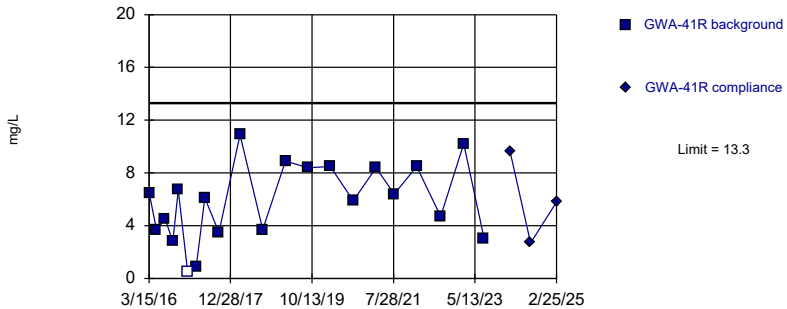
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.842, Std. Dev.=2.922, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9665, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

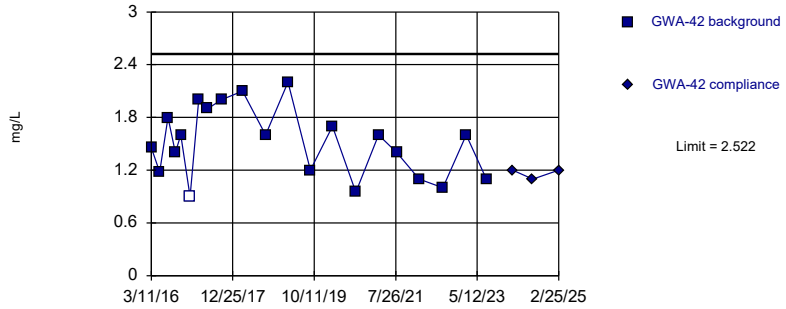
Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.514, Std. Dev.=0.3952, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9573, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell

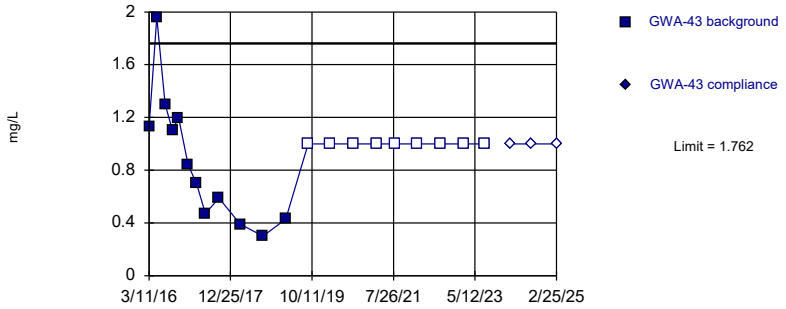
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7235, Std. Dev.=0.4069, n=21, 42.86% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8832, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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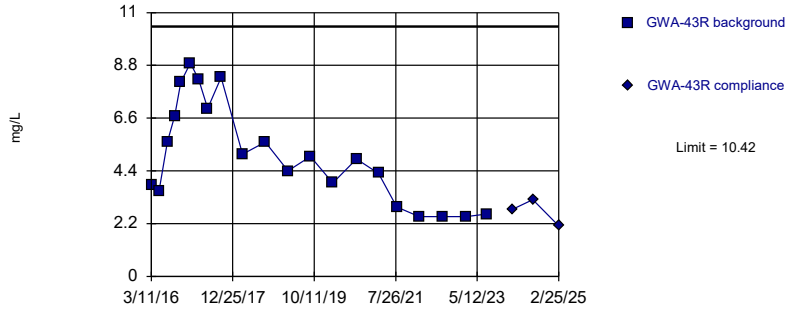
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.066, Std. Dev.=2.097, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9199, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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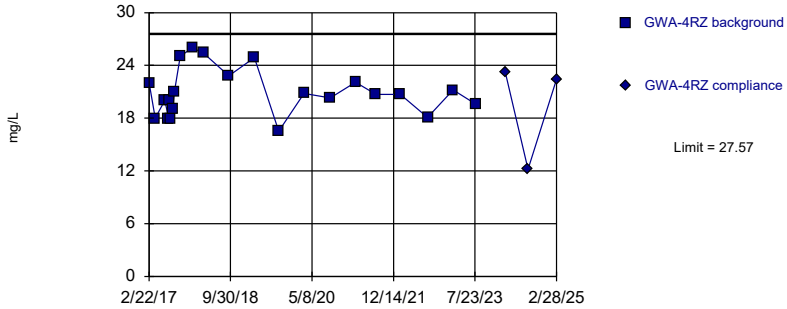
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=20.91, Std. Dev.=2.63, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9432, critical = 0.878. Kappa = 2.53 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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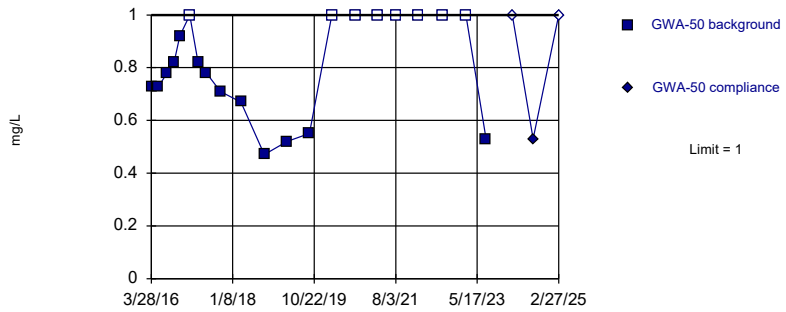
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 38.1% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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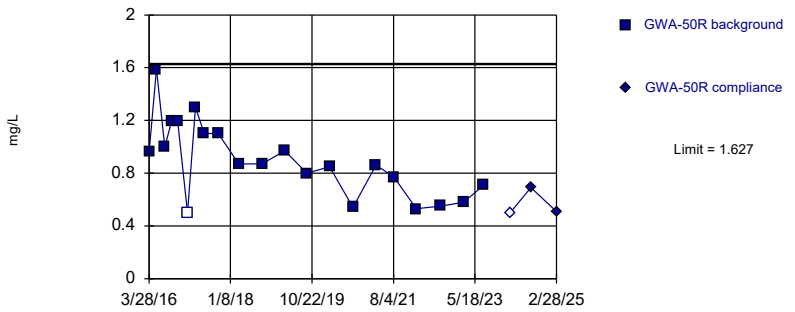
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.8976, Std. Dev.=0.2859, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9541, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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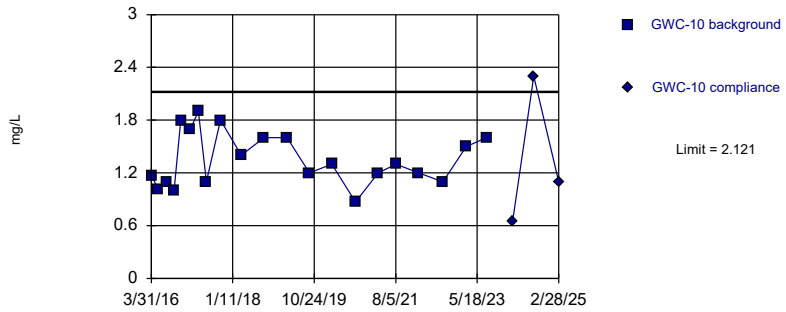
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.355, Std. Dev.=0.3002, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9444, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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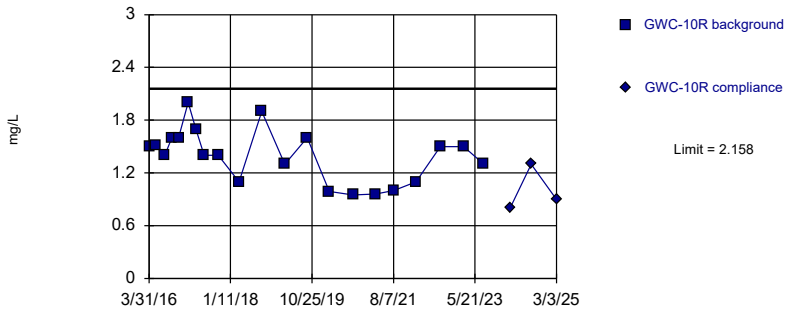
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.396, Std. Dev.=0.2988, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9474, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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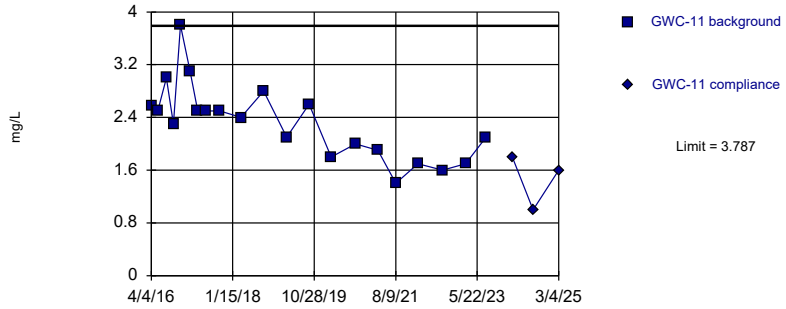
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.327, Std. Dev.=0.5722, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9593, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:32 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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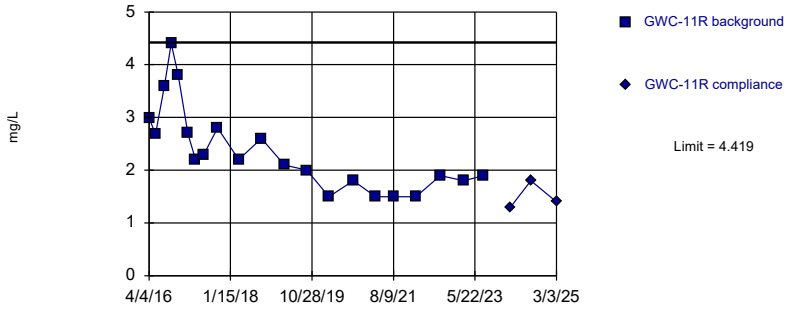
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.37, Std. Dev.=0.803, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.894, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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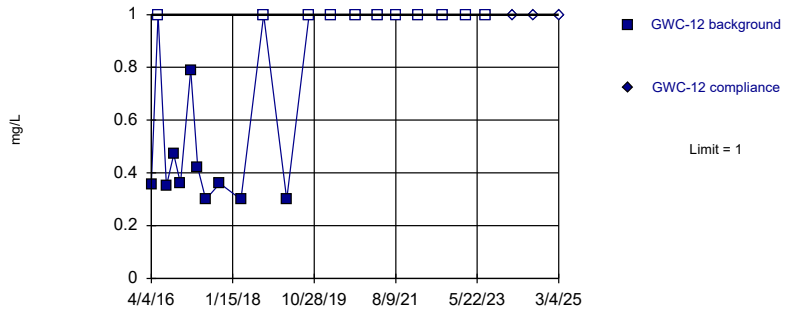
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 52.38% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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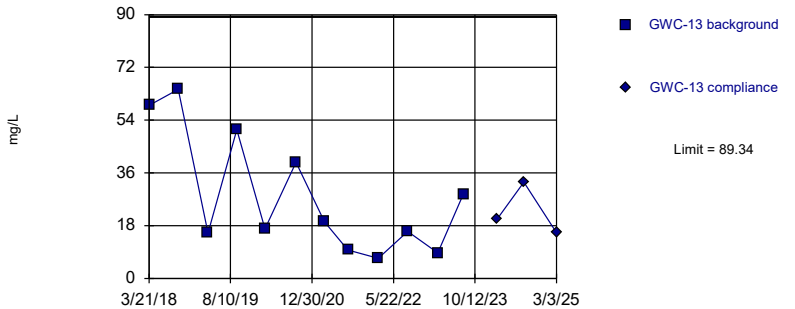
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=27.98, Std. Dev.=20.45, n=12. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8623, critical = 0.859. Kappa = 3 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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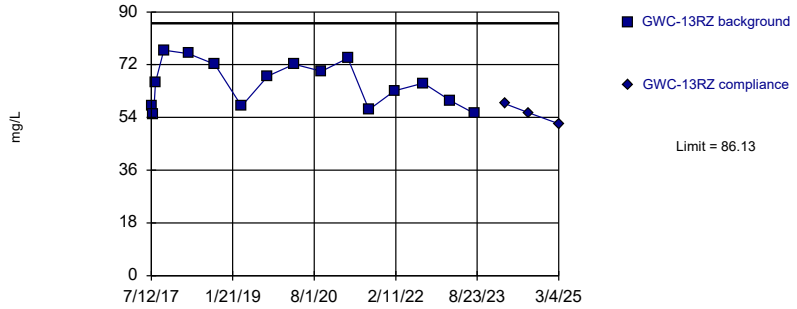
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=65.43, Std. Dev.=7.612, n=16. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9245, critical = 0.887. Kappa = 2.72 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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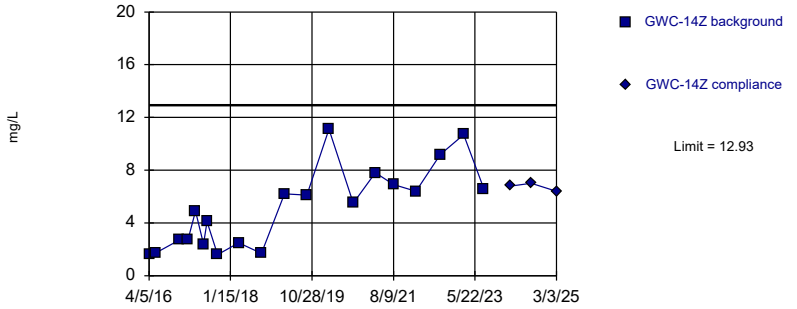
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.125, Std. Dev.=3.031, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9111, critical = 0.868. Kappa = 2.574 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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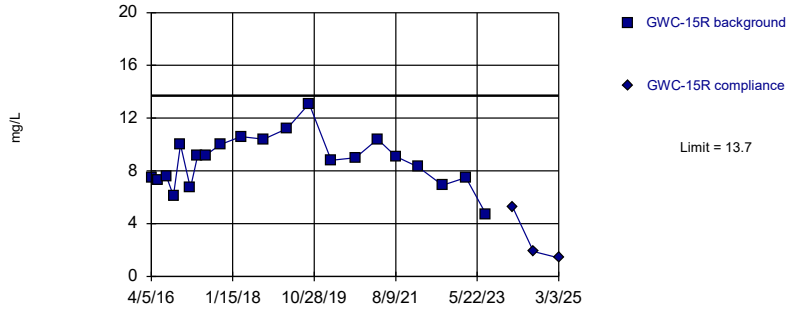
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=8.74, Std. Dev.=1.943, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9858, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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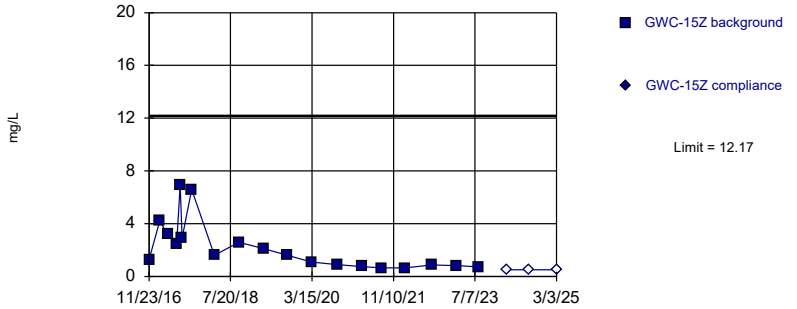
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=0.4985, Std. Dev.=0.7664, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9242, critical = 0.901. Kappa = 2.61 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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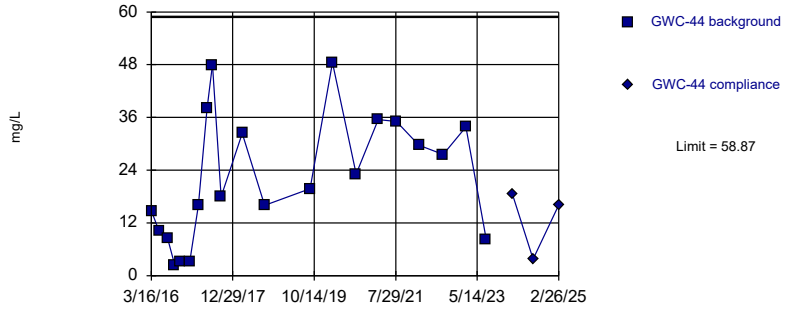
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=22.48, Std. Dev.=14.26, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9476, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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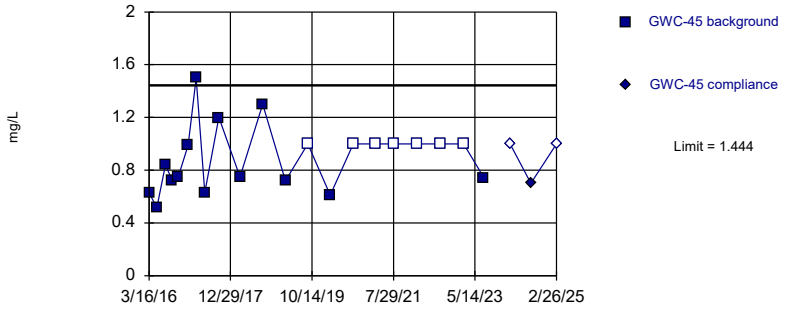
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.787, Std. Dev.=0.2573, n=21, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9256, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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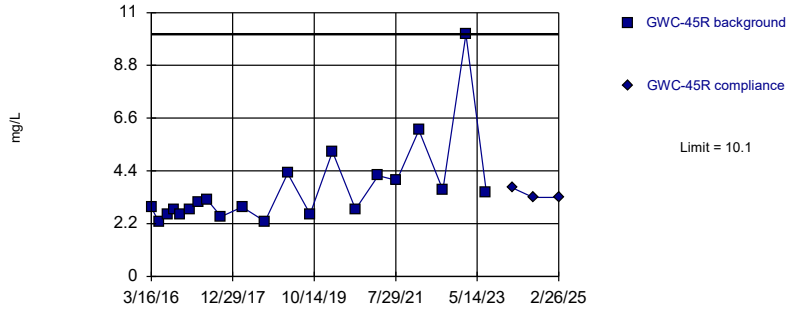
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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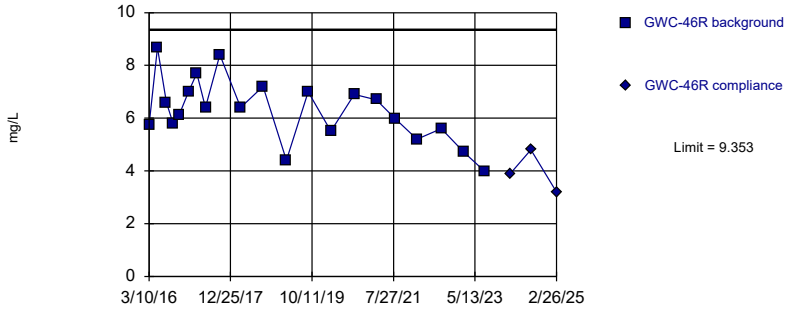
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.287, Std. Dev.=1.202, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9847, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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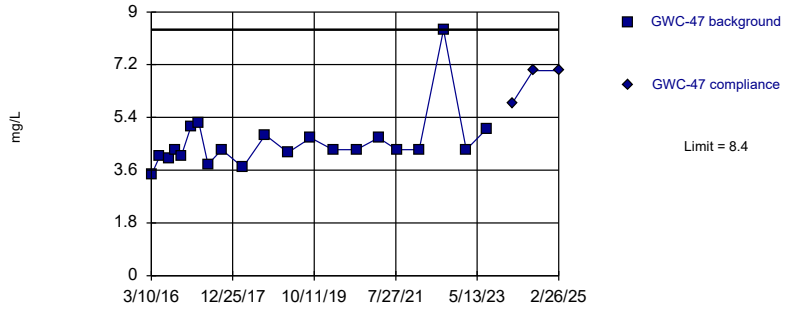
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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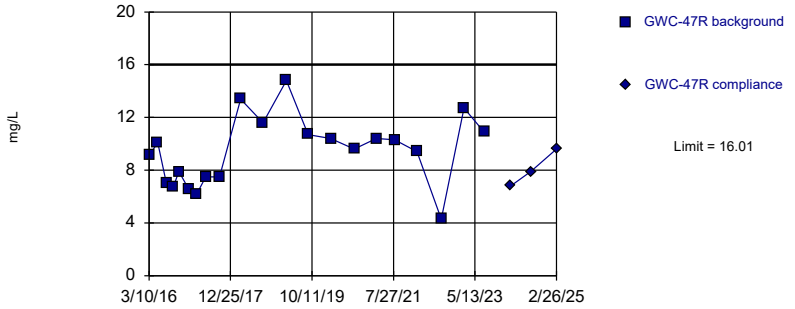
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=9.387, Std. Dev.=2.597, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9811, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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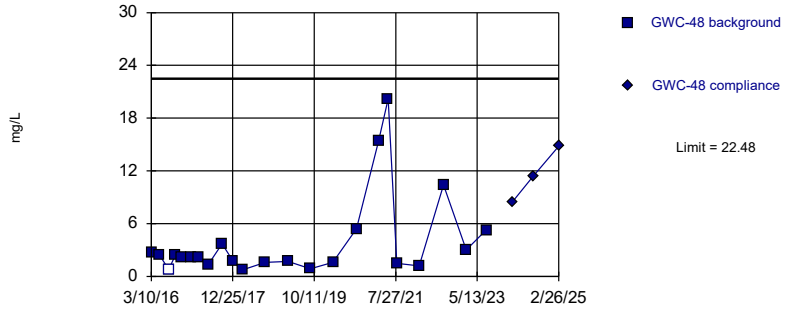
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=0.9129, Std. Dev.=0.8771, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9091, critical = 0.881. Kappa = 2.508 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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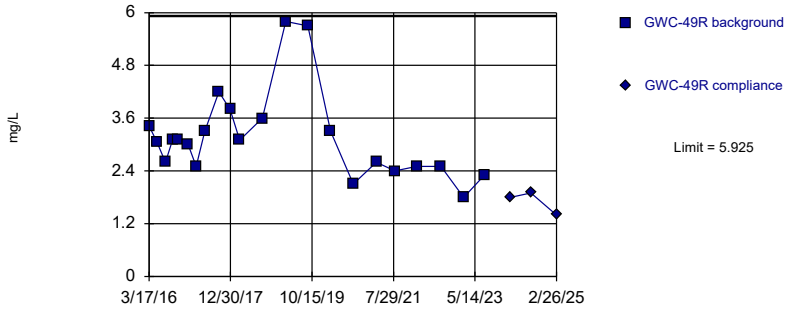
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.762, Std. Dev.=0.2657, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9042, critical = 0.878. Kappa = 2.53 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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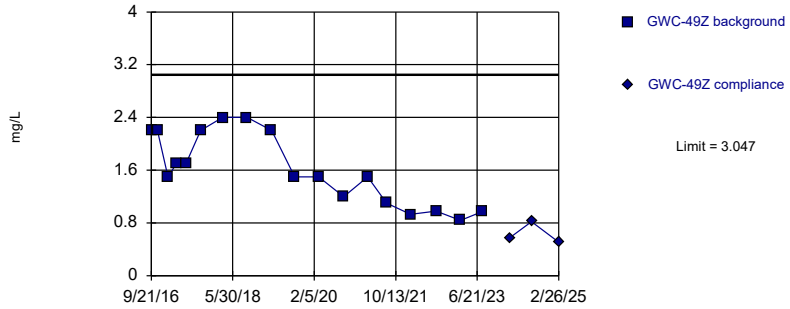
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.612, Std. Dev.=0.5421, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.902, critical = 0.897. Kappa = 2.647 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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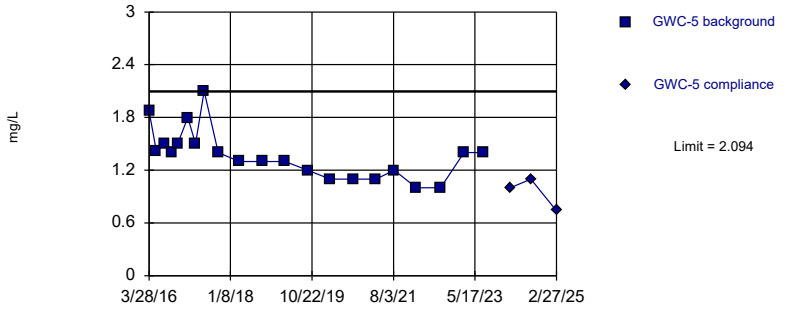
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.375, Std. Dev.=0.2818, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9118, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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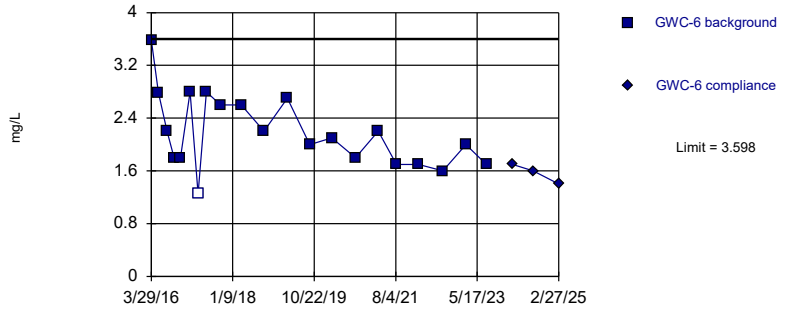
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.187, Std. Dev.=0.5532, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9406, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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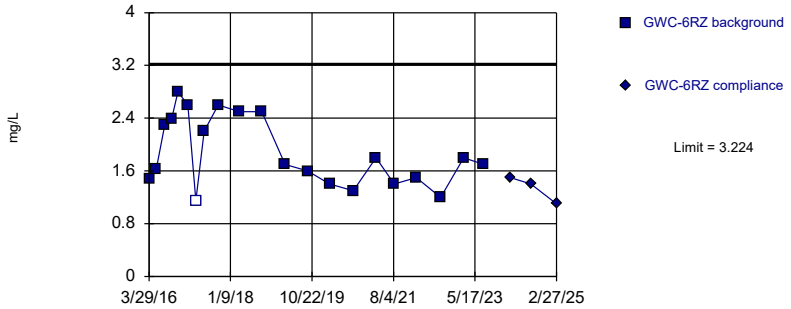
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.884, Std. Dev.=0.5252, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9151, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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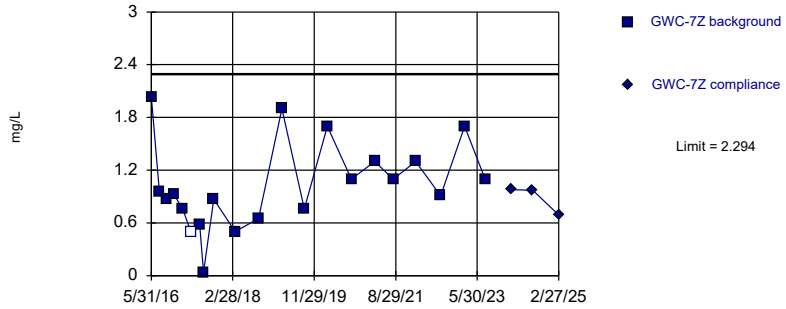
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.027, Std. Dev.=0.4965, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9587, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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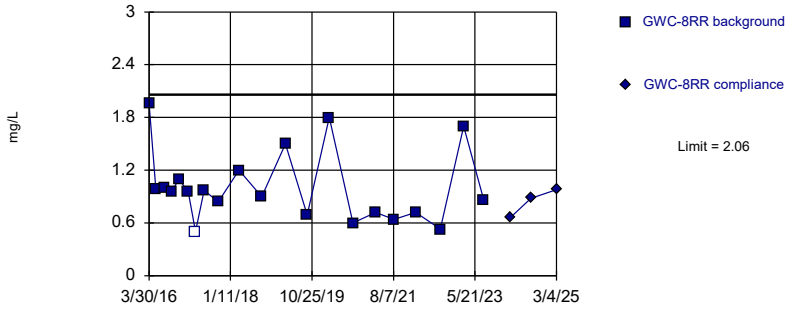
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.006, Std. Dev.=0.4131, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8841, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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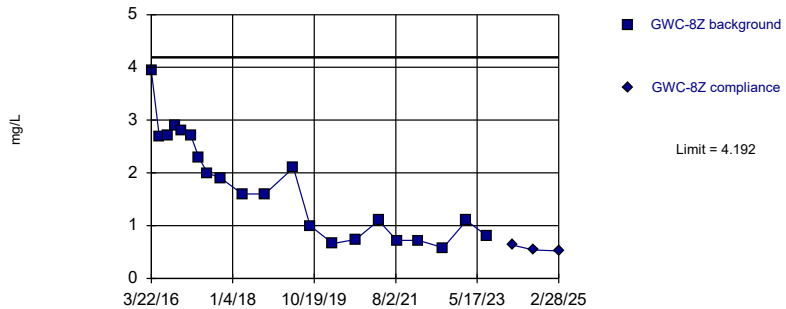
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.745, Std. Dev.=0.9592, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.916, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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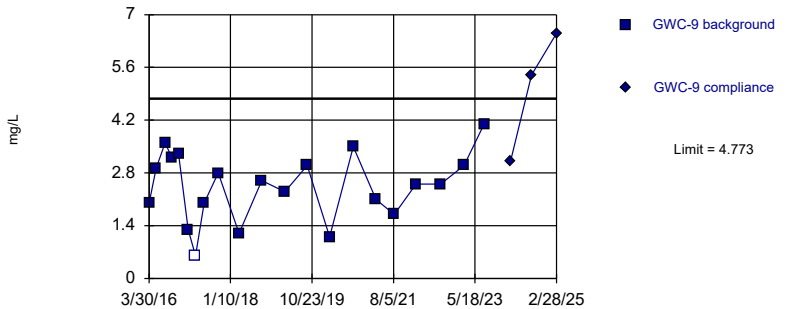
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.444, Std. Dev.=0.9127, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9814, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Sulfate, total Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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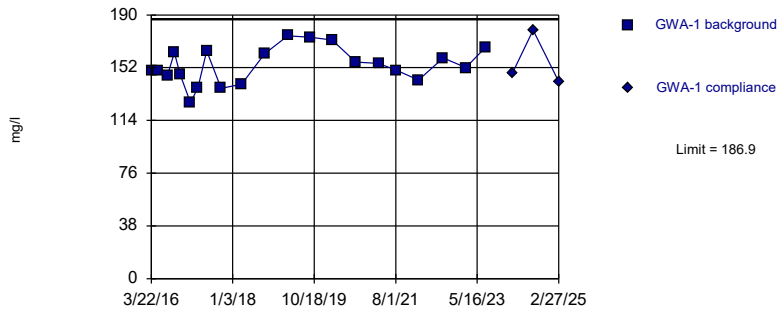
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=153.6, Std. Dev.=13.03, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.979, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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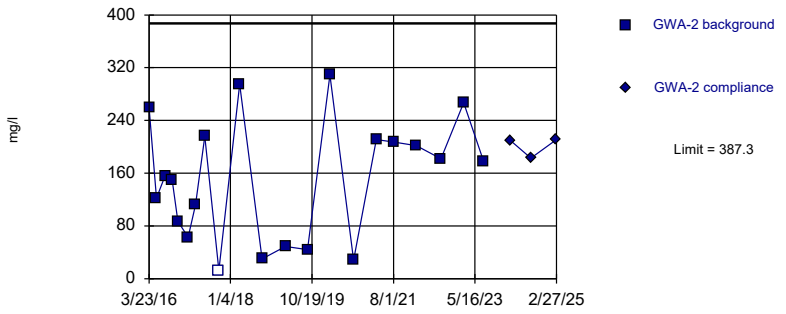
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=151.4, Std. Dev.=92.48, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9508, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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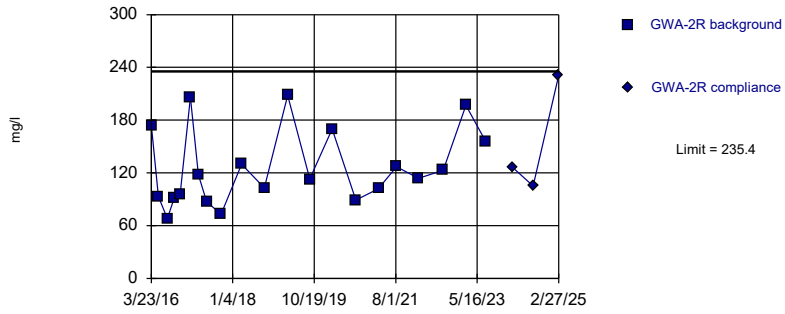
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=125.6, Std. Dev.=43.03, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9048, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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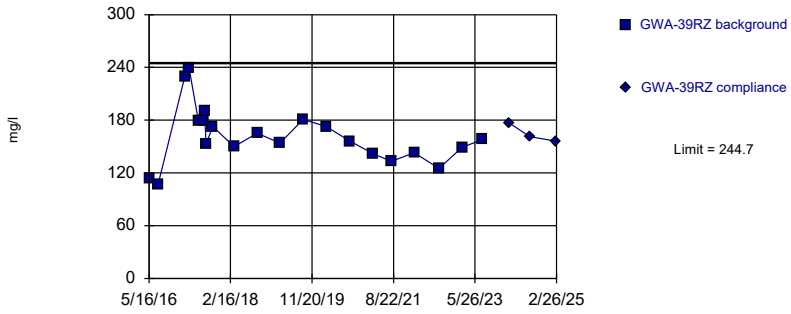
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=161.6, Std. Dev.=32.58, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9455, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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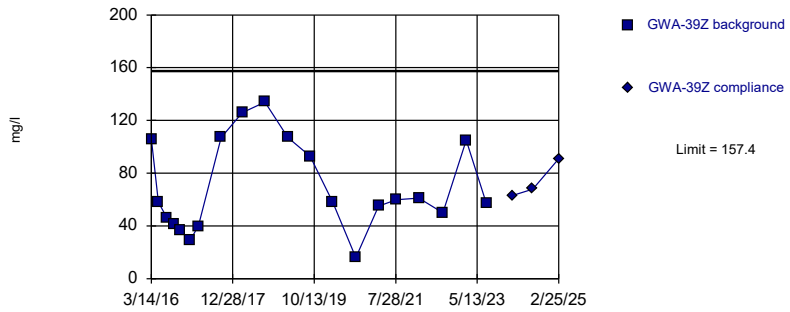
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=69.3, Std. Dev.=34.24, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9138, critical = 0.868. Kappa = 2.574 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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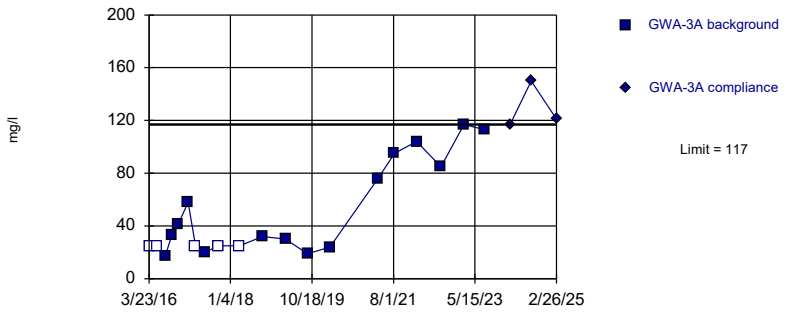
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 25% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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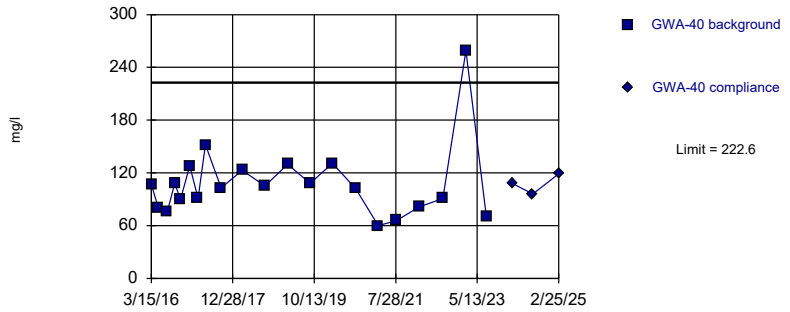
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=4.697, Std. Dev.=0.5343, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8953, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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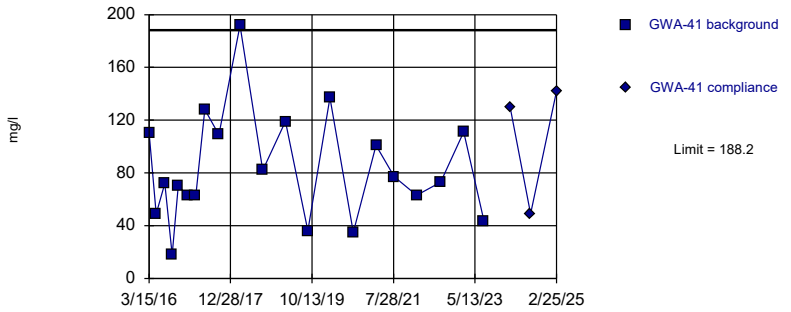
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=83.38, Std. Dev.=41.08, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9524, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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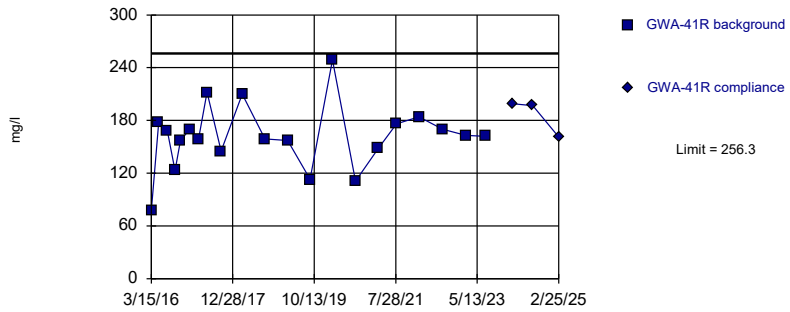
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=161.5, Std. Dev.=37.15, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9535, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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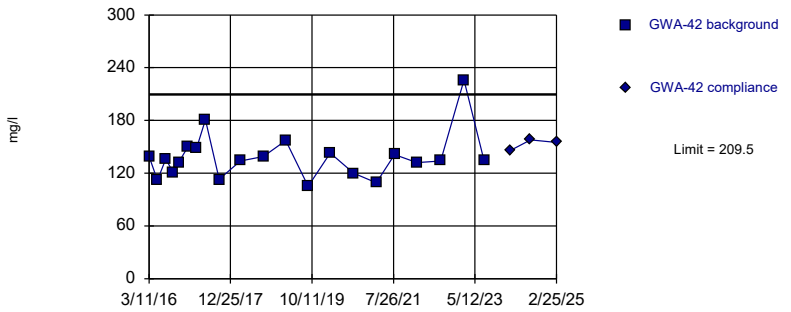
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=5.155, Std. Dev.=0.3076, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8828, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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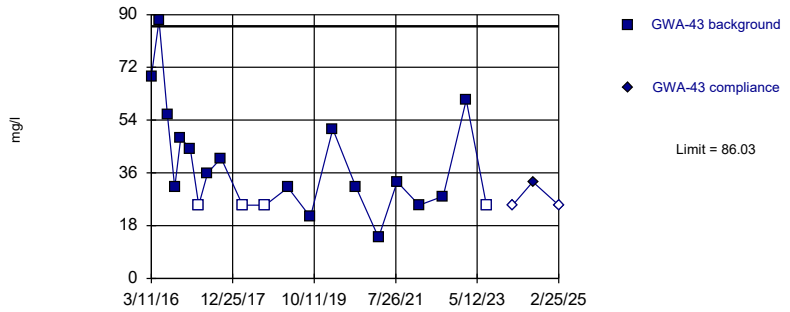
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=36.31, Std. Dev.=19.49, n=21, 19.05% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8893, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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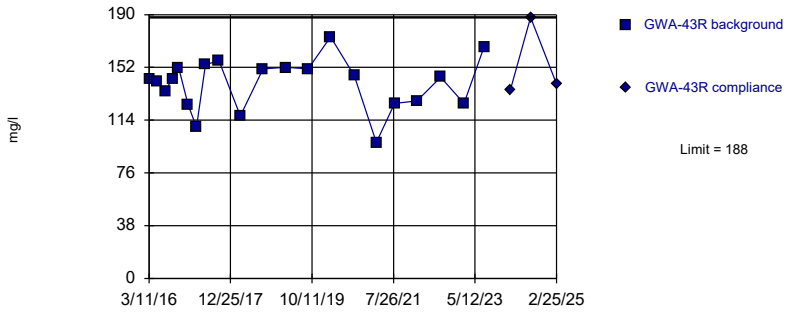
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=140.1, Std. Dev.=18.76, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.965, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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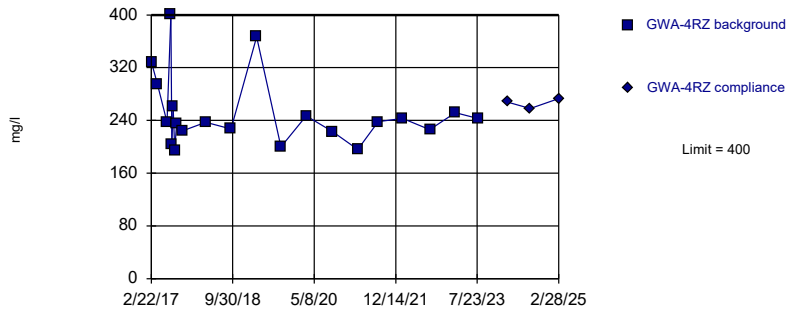
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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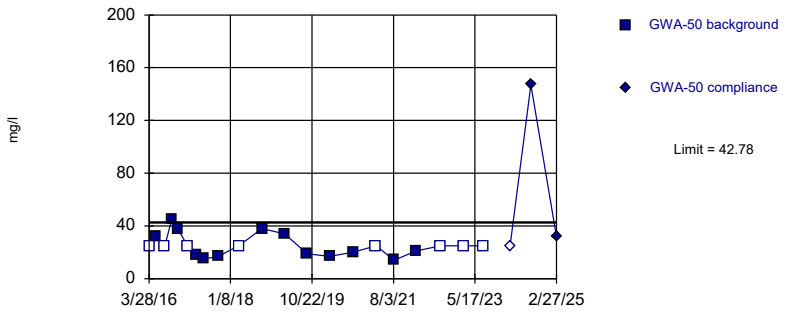
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=21.19, Std. Dev.=8.46, n=21, 38.1% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:33 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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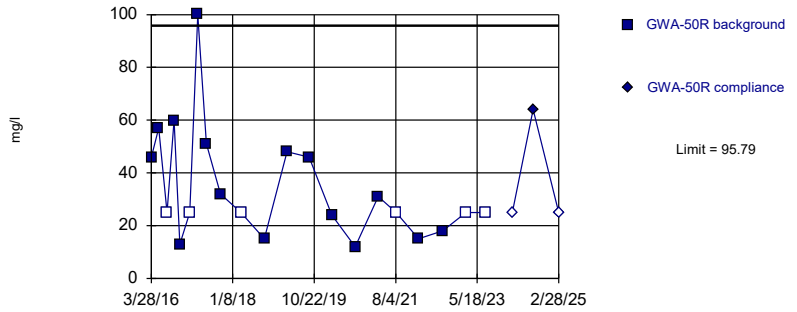
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=5.18, Std. Dev.=1.805, n=21, 28.57% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9129, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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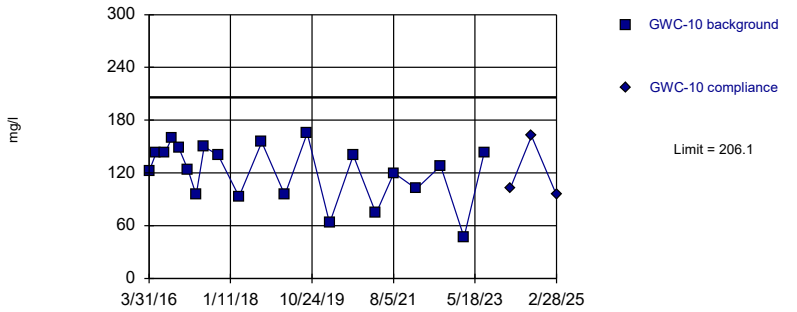
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=121.4, Std. Dev.=33.17, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9221, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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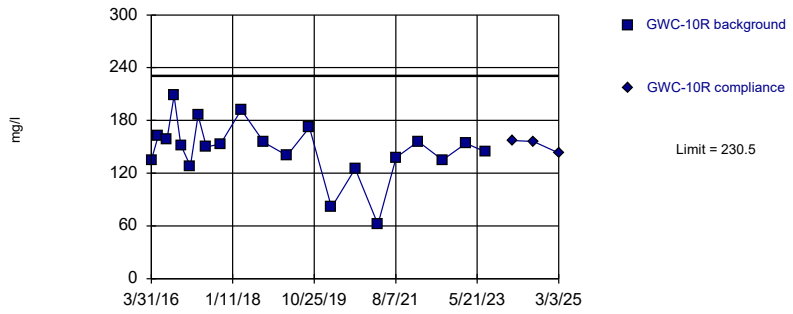
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=147, Std. Dev.=32.72, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.918, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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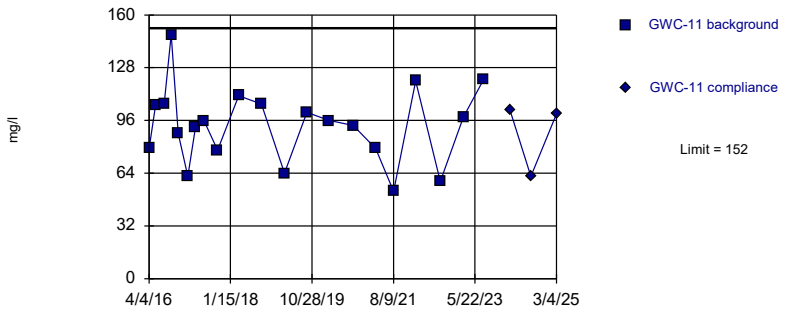
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=93.1, Std. Dev.=23.08, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9707, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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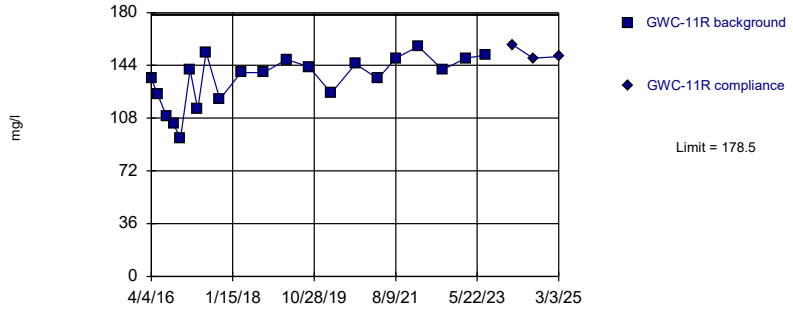
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=134.1, Std. Dev.=17.4, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9176, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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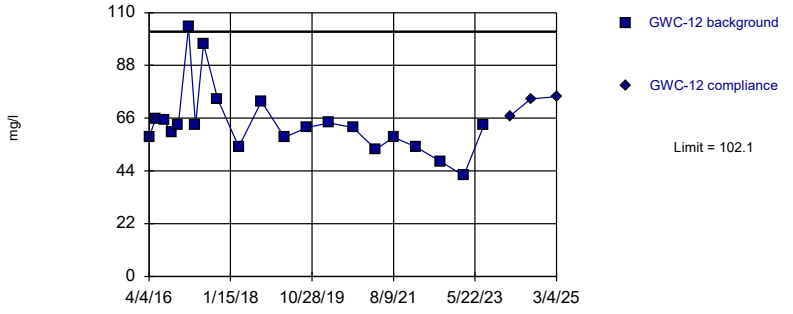
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=7.949, Std. Dev.=0.844, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8732, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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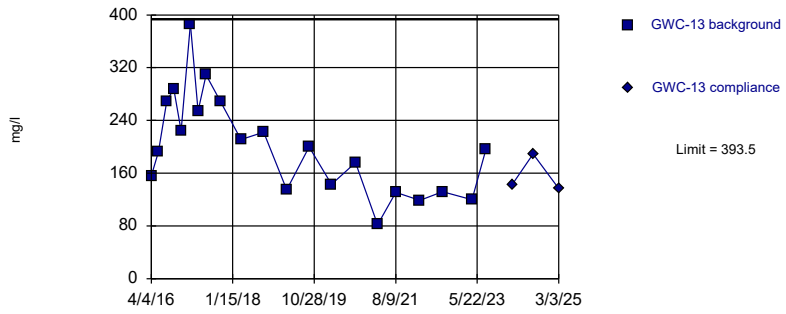
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=200.7, Std. Dev.=75.55, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9589, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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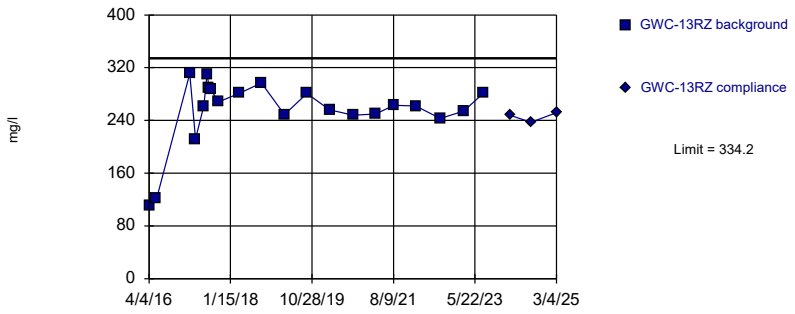
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube transformation): Mean=1.8e7, Std. Dev.=7518546, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9308, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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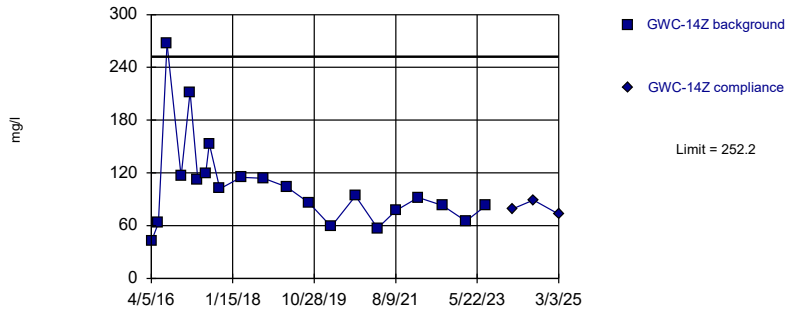
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=10.03, Std. Dev.=2.293, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9052, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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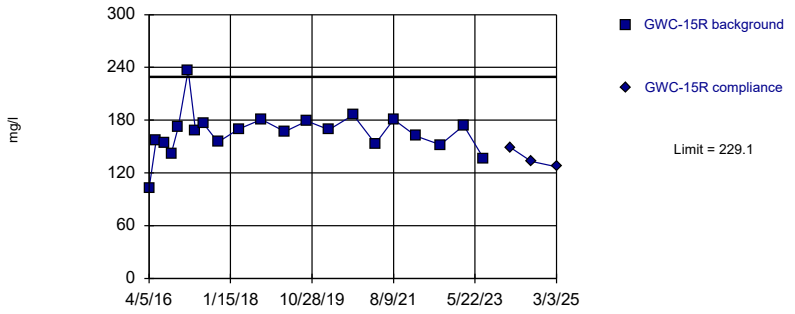
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=165.4, Std. Dev.=24.96, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8968, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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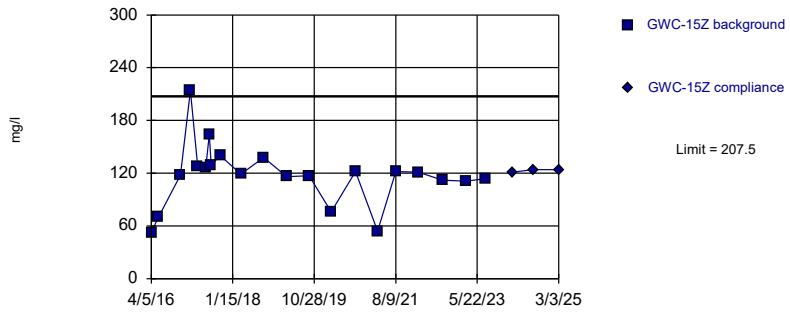
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=117.3, Std. Dev.=35.36, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8798, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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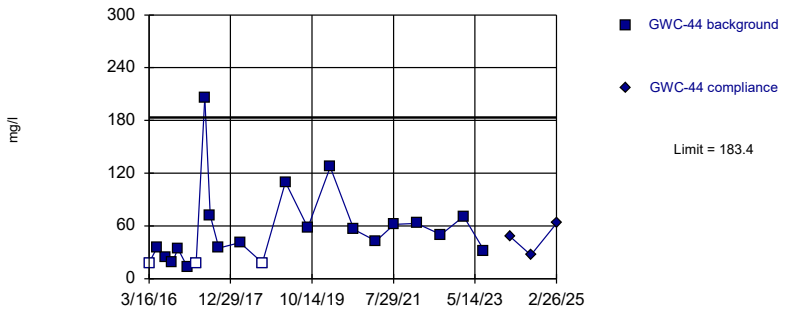
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=6.949, Std. Dev.=2.607, n=22, 13.64% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.878. Kappa = 2.53 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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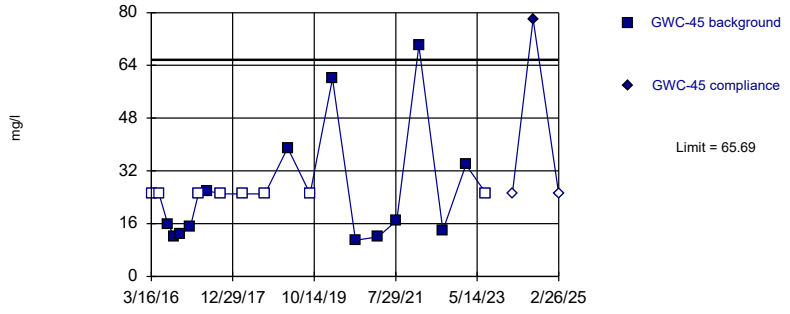
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=2.654, Std. Dev.=0.5411, n=21, 38.1% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.877, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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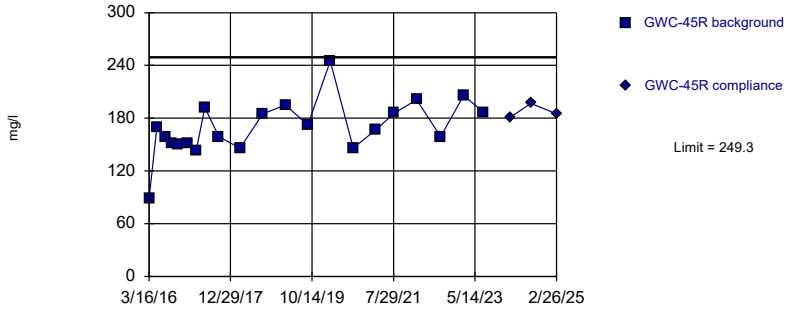
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=169.5, Std. Dev.=31.3, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9423, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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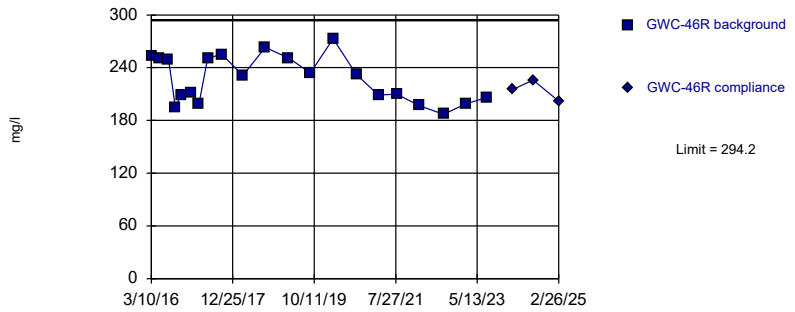
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=226.9, Std. Dev.=26.36, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9175, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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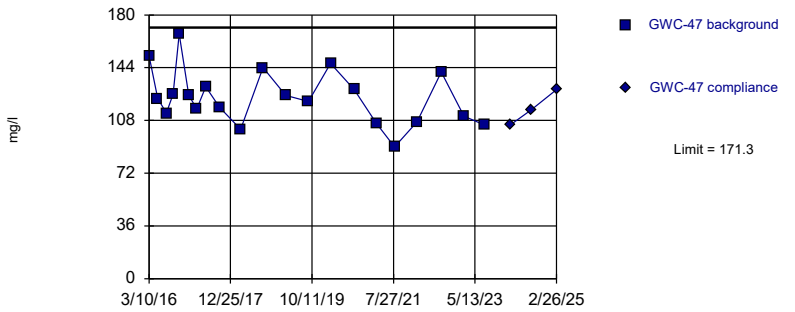
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=123.7, Std. Dev.=18.65, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9746, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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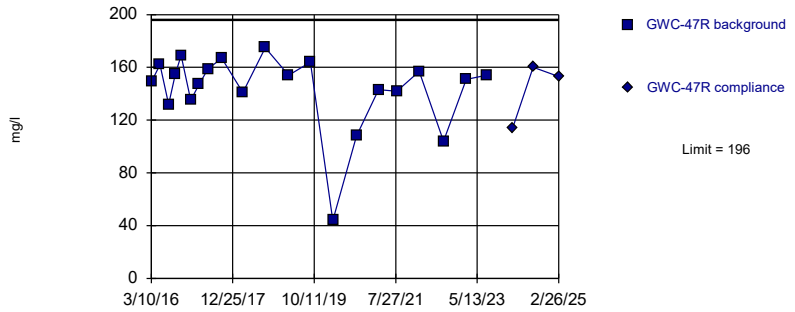
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=21370, Std. Dev.=6687, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8916, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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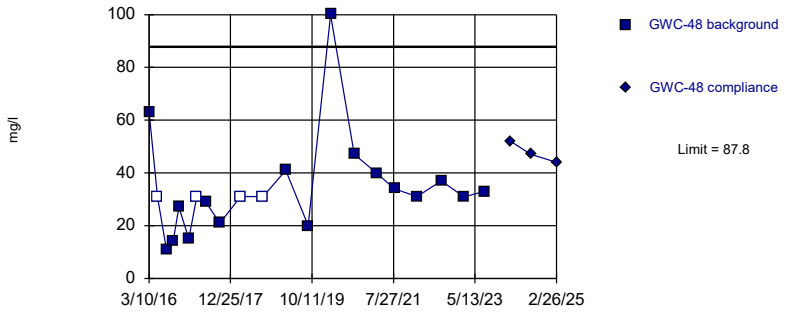
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=5.423, Std. Dev.=1.547, n=21, 19.05% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8895, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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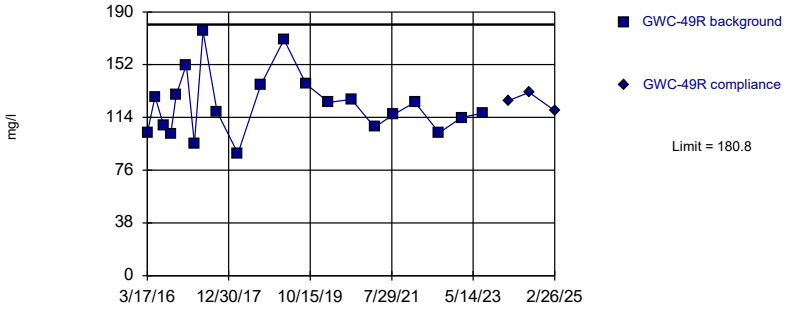
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=122.9, Std. Dev.=22.71, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9352, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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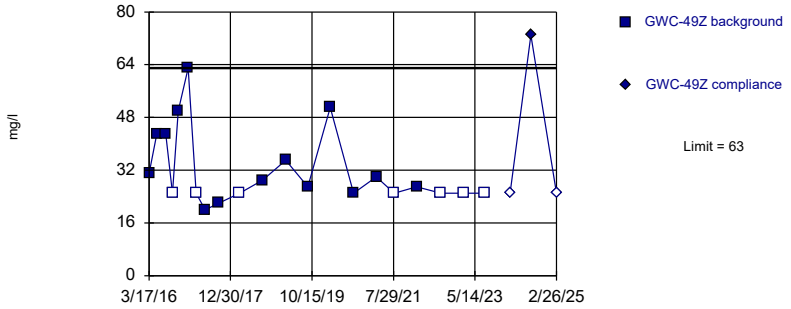
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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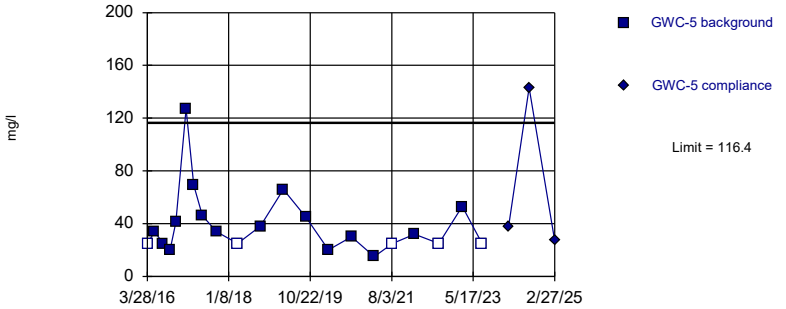
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=3.143, Std. Dev.=0.682, n=21, 23.81% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8881, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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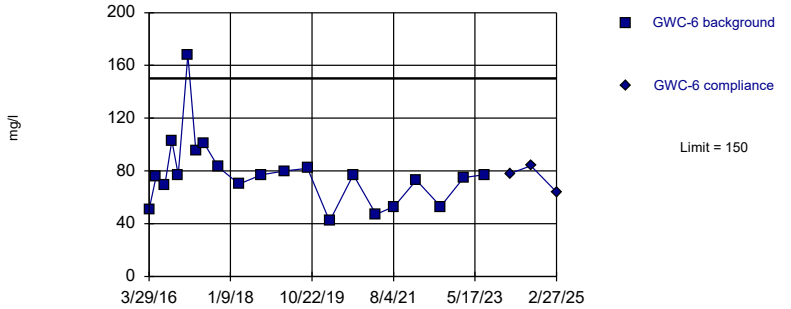
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=8.702, Std. Dev.=1.39, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8834, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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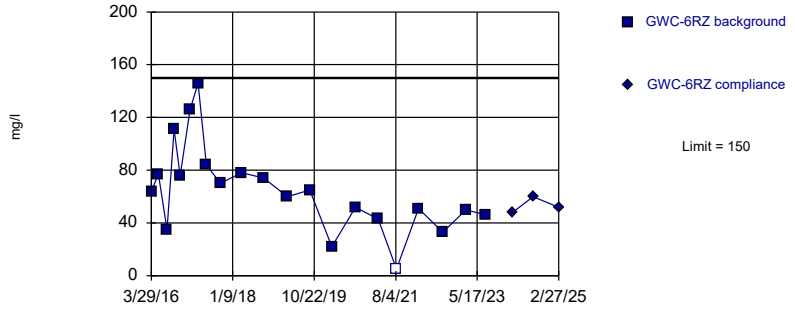
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=65.14, Std. Dev.=33.27, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9535, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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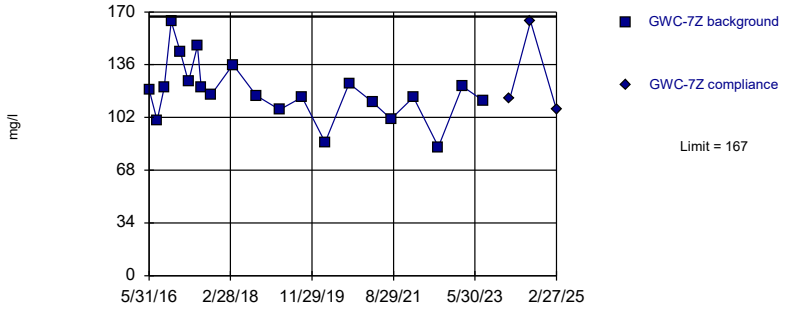
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=118.6, Std. Dev.=18.97, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9525, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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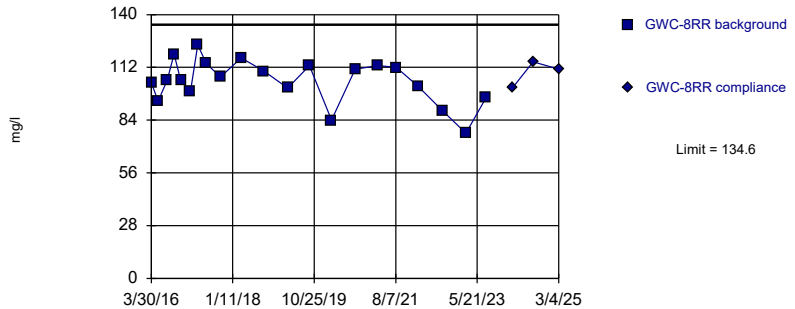
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=104.6, Std. Dev.=11.76, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9641, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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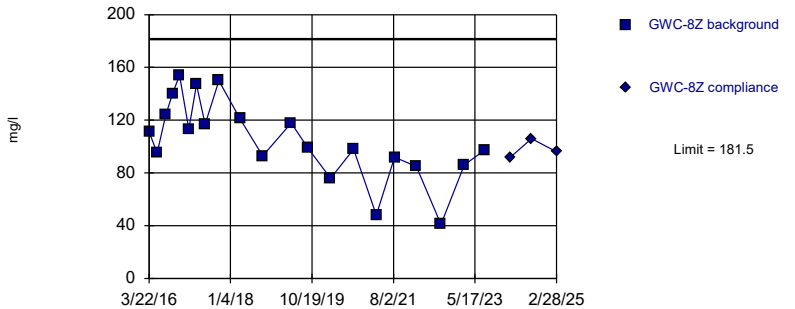
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=105, Std. Dev.=29.96, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9595, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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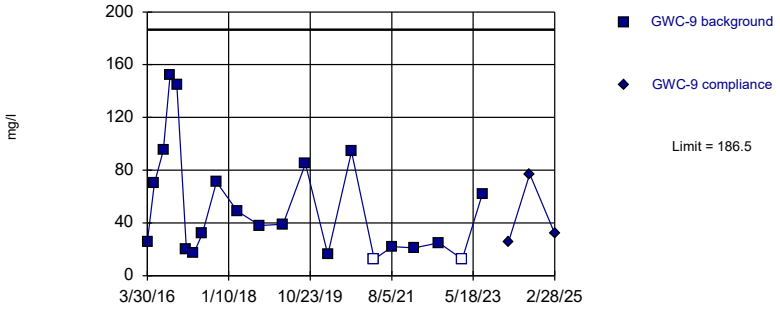
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=6.753, Std. Dev.=2.706, n=21, 9.524% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9131, critical = 0.873. Kappa = 2.552 (c=7, w=26, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002894.

Constituent: Total Dissolved Solids [TDS] Analysis Run 5/14/2025 3:34 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
3/22/2016	<0.04	
5/19/2016	<0.04	
7/29/2016	<0.04	
9/23/2016	<0.04	
11/9/2016	<0.04	
1/30/2017	<0.04	
3/30/2017	0.0065 (J)	
6/9/2017	<0.04	
10/2/2017	<0.04	
3/16/2018	<0.04	
9/17/2018	0.00625 (JD)	
3/20/2019	0.0042 (J)	
9/12/2019	<0.04	
3/11/2020	<0.04	
9/15/2020	0.01 (J)	
3/16/2021	<0.04	
8/9/2021	<0.04	
2/1/2022	<0.04	
8/16/2022	<0.04	
2/16/2023	<0.04	
7/27/2023	0.015 (J)	
2/22/2024		<0.04
8/7/2024		<0.04
2/27/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
3/23/2016	<0.04	
5/20/2016	<0.04	
7/29/2016	<0.04	
9/23/2016	<0.04	
11/9/2016	<0.04	
1/31/2017	<0.04	
3/30/2017	<0.04	
6/12/2017	<0.04	
10/2/2017	<0.04	
3/19/2018	0.013 (J)	
9/14/2018	<0.04	
3/20/2019	<0.04	
9/12/2019	<0.04 (D)	
3/11/2020	0.0068 (J)	
9/15/2020	0.0053 (J)	
3/17/2021	<0.04	
8/9/2021	<0.04	
2/1/2022	<0.04	
8/16/2022	<0.04	
2/16/2023	<0.04	
7/27/2023	<0.04	
2/22/2024		<0.04
8/7/2024		<0.04
2/27/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
3/23/2016	<0.04	
5/19/2016	<0.04	
7/29/2016	<0.04	
9/22/2016	<0.04	
11/10/2016	<0.04	
1/31/2017	<0.04	
4/3/2017	<0.04	
6/9/2017	<0.04	
10/2/2017	<0.04	
3/16/2018	0.0077 (J)	
9/14/2018	<0.04	
3/19/2019	0.014 (J)	
9/13/2019	0.012 (J)	
3/11/2020	0.017 (J)	
9/15/2020	0.0074 (J)	
3/16/2021	0.0061 (J)	
8/9/2021	0.012 (J)	
2/1/2022	<0.04	
8/16/2022	<0.04	
2/16/2023	0.017 (J)	
7/27/2023	0.015 (J)	
2/26/2024		0.018 (J)
8/6/2024		<0.04
2/27/2025		0.021 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.04 (D)	
7/27/2016	<0.04 (*)	
2/21/2017	0.0218 (JD)	
3/27/2017	0.0262 (JD)	
6/8/2017	0.0067 (JD)	
7/17/2017	0.0165 (JD)	
7/27/2017	0.0138 (JD)	
8/9/2017	0.0069 (JD)	
9/29/2017	0.0066 (JD)	
3/16/2018	0.0067 (J)	
9/14/2018	0.0059 (J)	
3/14/2019	0.0059 (X)	
9/10/2019	0.0081 (X)	
3/9/2020	0.0065 (J)	
9/16/2020	0.015 (J)	
3/16/2021	<0.04	
8/6/2021	<0.04	
2/2/2022	<0.04	
8/16/2022	<0.04	
2/14/2023	<0.04	
7/25/2023	<0.04	
2/19/2024		<0.04
8/1/2024		<0.04
2/26/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	<0.04	
5/11/2016	<0.04	
7/19/2016	<0.04 (*)	
9/15/2016	0.0067 (J)	
11/2/2016	<0.04	
1/18/2017	<0.04	
3/28/2017	<0.04	
6/7/2017	<0.04 (*)	
9/26/2017	<0.04	
3/14/2018	<0.04	
9/12/2018	<0.04	
3/15/2019	0.005 (X)	
9/9/2019	<0.04	
3/9/2020	<0.04	
9/10/2020	<0.04	
3/12/2021	0.011 (J)	
8/4/2021	<0.04	
1/31/2022	<0.04	
8/10/2022	<0.04	
2/13/2023	<0.04	
7/26/2023	0.012 (J)	
2/19/2024		<0.04
8/1/2024		<0.04
2/25/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
3/23/2016	<0.04	
5/23/2016	<0.04	
7/29/2016	<0.04	
9/22/2016	<0.04	
11/10/2016	<0.04	
1/31/2017	<0.04	
3/30/2017	<0.04	
6/12/2017	<0.04	
10/4/2017	<0.04	
3/19/2018	0.0057 (J)	
9/17/2018	<0.04	
3/20/2019	<0.04	
9/13/2019	<0.04	
3/11/2020	0.0071 (J)	
3/29/2021	<0.04	
8/9/2021	<0.04	
2/2/2022	<0.04	
8/16/2022	<0.04	
2/17/2023	<0.04	
8/1/2023	<0.04	
2/22/2024		<0.04
8/8/2024		<0.04
2/26/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	<0.04	
5/11/2016	<0.04	
7/21/2016	<0.04	
9/15/2016	<0.04	
11/3/2016	<0.04 (*)	
1/17/2017	<0.04	
3/24/2017	<0.04	
5/24/2017	<0.04	
9/26/2017	0.0075 (J)	
3/14/2018	0.0093 (J)	
9/12/2018	<0.04	
3/13/2019	<0.04	
9/9/2019	<0.04	
3/9/2020	0.0074 (J)	
9/11/2020	<0.04	
3/10/2021	<0.04	
8/4/2021	<0.04	
1/31/2022	<0.04	
8/12/2022	<0.04	
2/13/2023	<0.04	
7/26/2023	0.0091 (J)	
2/19/2024		<0.04
8/1/2024		<0.04
2/25/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	<0.04	
5/12/2016	<0.04	
7/20/2016	<0.04	
9/15/2016	<0.04	
11/3/2016	<0.04	
1/18/2017	<0.04	
3/24/2017	0.0154 (J)	
6/6/2017	<0.04	
9/25/2017	<0.04	
3/14/2018	0.011 (J)	
9/12/2018	<0.04	
3/14/2019	0.007 (X)	
9/10/2019	<0.04	
3/6/2020	0.013 (J)	
9/10/2020	<0.04	
3/11/2021	0.0075 (J)	
8/4/2021	<0.04	
1/31/2022	<0.04	
8/11/2022	<0.04	
2/13/2023	<0.04	
7/25/2023	0.012 (J)	
2/19/2024		<0.04
8/1/2024		<0.04
2/25/2025		0.0094 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	<0.04	
5/13/2016	<0.04	
7/21/2016	<0.04 (*)	
9/21/2016	<0.04 (*)	
11/3/2016	<0.04	
1/17/2017	<0.04	
3/27/2017	0.0173 (J)	
6/6/2017	<0.04 (*)	
9/25/2017	0.0141 (J)	
3/14/2018	0.014 (J)	
9/12/2018	0.013 (J)	
3/14/2019	0.015 (X)	
9/10/2019	0.015 (X)	
3/9/2020	0.021 (J)	
9/10/2020	0.016 (J)	
3/10/2021	0.0098 (J)	
8/4/2021	0.01 (J)	
1/31/2022	0.016 (J)	
8/11/2022	<0.04	
2/13/2023	0.017 (J)	
7/25/2023	0.011 (J)	
2/19/2024		0.012 (J)
8/1/2024		<0.04
2/25/2025		0.017 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	<0.04	
5/16/2016	<0.04	
7/22/2016	0.0076 (J)	
9/19/2016	<0.04	
11/3/2016	<0.04	
1/17/2017	<0.04	
3/27/2017	0.0101 (J)	
6/7/2017	<0.04 (*)	
9/26/2017	<0.04	
3/14/2018	<0.04	
9/14/2018	<0.04	
3/14/2019	<0.04	
9/10/2019	<0.04	
3/6/2020	0.0068 (J)	
9/10/2020	<0.04	
3/11/2021	<0.04	
8/4/2021	<0.04	
1/31/2022	<0.04	
8/10/2022	<0.04	
2/13/2023	<0.04	
7/26/2023	<0.04	
2/20/2024		0.031 (J)
8/1/2024		<0.04
2/25/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	<0.04	
5/13/2016	<0.04	
7/19/2016	<0.04 (*)	
9/16/2016	<0.04	
11/2/2016	<0.04	
1/18/2017	<0.04	
3/28/2017	<0.04	
6/6/2017	<0.04 (*)	
9/22/2017	<0.04	
3/14/2018	<0.04	
9/12/2018	<0.04	
3/13/2019	<0.04	
9/11/2019	0.0059 (X)	
3/9/2020	<0.04	
9/11/2020	<0.04	
3/11/2021	<0.04	
8/6/2021	<0.04	
1/31/2022	<0.04	
8/11/2022	<0.04	
2/14/2023	<0.04	
7/25/2023	<0.04	
2/20/2024		0.02 (J)
8/2/2024		<0.04
2/25/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	<0.04	
5/13/2016	<0.04	
7/19/2016	<0.04 (*)	
9/16/2016	0.0246 (J)	
11/2/2016	0.0279 (J)	
1/18/2017	0.0336 (J)	
3/28/2017	0.0313 (J)	
6/6/2017	<0.04 (*)	
9/22/2017	0.0294 (J)	
3/15/2018	0.018 (J)	
9/12/2018	0.018 (J)	
3/13/2019	0.012 (X)	
9/11/2019	0.021 (X)	
3/9/2020	0.017 (J)	
9/14/2020	0.018 (J)	
3/11/2021	0.017 (J)	
8/5/2021	0.0098 (J)	
1/31/2022	0.011 (J)	
8/10/2022	0.01 (J)	
2/13/2023	<0.04	
7/25/2023	0.012 (J)	
2/20/2024		<0.04
8/2/2024		0.015 (J)
2/25/2025		0.011 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.022 (JD)	
4/7/2017	0.0082 (JD)	
6/14/2017	0.008 (JD)	
7/12/2017	0.0082 (JD)	
7/20/2017	0.0091 (JD)	
7/28/2017	<0.04 (D)	
8/9/2017	0.0071 (JD)	
8/24/2017	0.0062 (JD)	
10/3/2017	0.006 (JD)	
3/21/2018	0.0062 (J)	
9/18/2018	0.0096 (J)	
3/21/2019	0.0066 (JD)	
9/12/2019	0.012 (JD)	
3/12/2020	0.014 (J)	
9/17/2020	0.015 (J)	
3/16/2021	0.0092 (J)	
8/10/2021	0.01 (J)	
2/3/2022	<0.04	
8/17/2022	<0.04	
2/17/2023	<0.04	
7/28/2023	<0.04	
2/27/2024		<0.04
8/8/2024		<0.04
2/28/2025		0.0067 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
3/28/2016	<0.04	
5/23/2016	<0.04	
8/1/2016	<0.04	
9/26/2016	<0.04	
11/10/2016	<0.04	
1/30/2017	<0.04	
4/7/2017	0.008 (J)	
6/12/2017	<0.04	
10/2/2017	<0.04	
3/16/2018	<0.04	
9/17/2018	<0.04	
3/19/2019	<0.04	
9/13/2019	<0.04	
3/11/2020	0.0063 (J)	
9/16/2020	<0.04	
3/17/2021	<0.04	
8/9/2021	<0.04	
2/1/2022	<0.04	
8/16/2022	<0.04	
2/16/2023	<0.04	
7/28/2023	<0.04	
2/22/2024		<0.04
8/8/2024		<0.04
2/27/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
3/28/2016	<0.04	
5/25/2016	<0.04	
8/1/2016	<0.04	
9/26/2016	<0.04	
11/11/2016	0.0193 (J)	
1/30/2017	<0.04	
4/3/2017	<0.04	
6/12/2017	<0.04	
10/2/2017	<0.04	
3/16/2018	<0.04	
9/18/2018	<0.04	
3/19/2019	<0.04	
9/12/2019	<0.04	
3/11/2020	0.007 (J)	
9/15/2020	<0.04	
3/17/2021	<0.04	
8/9/2021	<0.04	
2/2/2022	<0.04	
8/17/2022	<0.04	
2/16/2023	<0.04	
7/28/2023	<0.04	
2/22/2024		<0.04
8/8/2024		<0.04
2/28/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
3/31/2016	<0.04	
5/26/2016	<0.04	
8/5/2016	<0.04	
9/28/2016	<0.04	
11/22/2016	<0.04	
2/7/2017	<0.04	
4/10/2017	<0.04	
6/14/2017	<0.04	
10/4/2017	<0.04	
3/20/2018	0.004 (J)	
9/18/2018	<0.04	
3/22/2019	<0.04	
9/17/2019	<0.04	
3/12/2020	<0.04	
9/17/2020	<0.04	
3/18/2021	<0.04	
8/10/2021	<0.04	
2/4/2022	<0.04	
8/17/2022	<0.04	
2/20/2023	<0.04	
7/31/2023	<0.04	
2/27/2024		<0.04
8/12/2024		<0.04
2/28/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
3/31/2016	<0.04	
5/26/2016	<0.04	
8/3/2016	<0.04	
9/28/2016	0.0169 (J)	
11/22/2016	0.0067 (J)	
2/7/2017	<0.04	
4/10/2017	<0.04	
6/14/2017	<0.04	
10/4/2017	<0.04	
3/21/2018	<0.04	
9/18/2018	<0.04	
3/22/2019	<0.04	
9/17/2019	<0.04	
3/12/2020	0.005 (J)	
9/17/2020	<0.04	
3/18/2021	<0.04	
8/11/2021	<0.04	
2/4/2022	<0.04	
8/18/2022	<0.04	
2/20/2023	<0.04	
7/31/2023	<0.04	
2/27/2024		<0.04
8/12/2024		<0.04
3/3/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
4/4/2016	<0.04	
5/26/2016	<0.04	
8/3/2016	<0.04	
9/28/2016	<0.04	
11/22/2016	<0.04	
2/8/2017	0.0085 (J)	
4/10/2017	<0.04	
6/15/2017	<0.04	
10/4/2017	<0.04	
3/21/2018	<0.04	
9/18/2018	<0.04	
3/23/2019	<0.04	
9/17/2019	<0.04	
3/12/2020	<0.04	
9/21/2020	<0.04	
3/19/2021	<0.04	
8/11/2021	<0.04	
2/4/2022	<0.04	
8/18/2022	<0.04	
2/20/2023	<0.04	
8/1/2023	<0.04	
2/28/2024		<0.04
8/13/2024		<0.04
3/4/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
4/4/2016	<0.04	
5/26/2016	<0.04	
8/4/2016	<0.04	
9/28/2016	<0.04	
11/22/2016	0.0072 (J)	
2/8/2017	0.0069 (J)	
4/10/2017	<0.04	
6/15/2017	<0.04	
10/4/2017	0.0065 (J)	
3/22/2018	<0.04	
9/18/2018	<0.04	
3/23/2019	<0.04	
9/17/2019	<0.04	
3/12/2020	0.0058 (J)	
9/21/2020	<0.04	
3/19/2021	<0.04	
8/11/2021	<0.04	
2/4/2022	<0.04	
8/18/2022	<0.04	
2/20/2023	<0.04	
8/1/2023	<0.04	
2/28/2024		<0.04
8/12/2024		<0.04
3/3/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
4/4/2016	<0.04	
5/27/2016	<0.04	
8/3/2016	<0.04	
9/30/2016	<0.04	
11/22/2016	<0.04	
2/13/2017	<0.04	
4/11/2017	<0.04	
6/14/2017	<0.04	
10/4/2017	<0.04	
3/22/2018	<0.04	
9/18/2018	<0.04	
3/23/2019	<0.04	
9/17/2019	<0.04 (D)	
3/12/2020	<0.04	
9/21/2020	<0.04	
3/19/2021	<0.04	
8/11/2021	<0.04	
2/2/2022	<0.04	
8/18/2022	<0.04	
2/21/2023	<0.04	
8/1/2023	<0.04	
2/27/2024		<0.04
8/12/2024		<0.04
3/4/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
4/4/2016	<0.04	
5/31/2016	<0.04	
8/4/2016	<0.04	
9/29/2016	0.0192 (J)	
11/28/2016	0.0124 (J)	
2/9/2017	0.0157 (J)	
4/12/2017	0.0183 (J)	
6/16/2017	0.0269 (J)	
10/9/2017	0.0383 (J)	
3/21/2018	0.021 (J)	
9/19/2018	0.026 (J)	
3/23/2019	0.012 (J)	
9/18/2019	0.017 (J)	
3/13/2020	0.014 (J)	
9/22/2020	0.0087 (J)	
3/18/2021	0.0091 (J)	
8/11/2021	<0.04	
2/17/2022	0.015 (J)	
8/18/2022	<0.04	
2/22/2023	<0.04	
8/1/2023	0.012 (J)	
2/27/2024		<0.04
8/12/2024		0.024 (J)
3/3/2025		0.012 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
4/4/2016	<0.04	
6/1/2016	<0.04	
2/22/2017	0.02 (J)	
4/11/2017	<0.04	
6/16/2017	0.0163 (J)	
7/12/2017	0.0117 (J)	
7/28/2017	0.0071 (J)	
8/10/2017	0.0093 (J)	
10/6/2017	0.0148 (J)	
3/23/2018	0.017 (J)	
9/20/2018	0.016 (J)	
3/22/2019	0.013 (J)	
9/18/2019	0.014 (X)	
3/17/2020	0.017 (J)	
9/22/2020	0.01 (J)	
3/19/2021	0.014 (J)	
8/12/2021	0.014 (J)	
2/4/2022	0.017 (J)	
8/19/2022	0.015 (J)	
2/22/2023	0.013 (J)	
8/2/2023	0.012 (J)	
2/28/2024		0.015 (J)
8/13/2024		<0.04
3/4/2025		0.017 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
4/5/2016	<0.04	
6/1/2016	<0.04	
8/9/2016	0.0996 (O)	
11/28/2016	0.0072 (J)	
2/9/2017	<0.04	
4/11/2017	<0.04	
6/14/2017	<0.04	
7/12/2017	<0.04	
10/5/2017	0.0068 (J)	
3/22/2018	<0.04	
9/19/2018	<0.04	
3/22/2019	<0.04	
9/17/2019	<0.04	
3/13/2020	0.0081 (J)	
9/21/2020	<0.04	
3/18/2021	<0.04	
8/11/2021	<0.04	
2/4/2022	<0.04	
8/18/2022	<0.04	
2/22/2023	<0.04	
8/1/2023	<0.04	
2/28/2024		<0.04
8/13/2024		<0.04
3/3/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
4/5/2016	<0.04	
5/31/2016	<0.04	
8/4/2016	<0.04	
9/29/2016	0.0106 (J)	
11/23/2016	0.0099 (J)	
2/10/2017	<0.04	
4/12/2017	0.009 (J)	
6/15/2017	<0.04	
10/6/2017	<0.04	
3/23/2018	0.0053 (J)	
9/19/2018	0.0049 (J)	
3/25/2019	<0.04	
9/17/2019	<0.04	
3/13/2020	0.0064 (J)	
9/21/2020	0.0075 (J)	
3/18/2021	<0.04	
8/11/2021	<0.04	
2/4/2022	<0.04	
8/19/2022	<0.04	
2/22/2023	<0.04	
8/2/2023	<0.04	
2/28/2024		<0.04
8/13/2024		<0.04
3/3/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
4/5/2016	<0.04	
5/31/2016	<0.04	
11/23/2016	0.0076 (J)	
2/10/2017	<0.04	
4/11/2017	<0.04	
6/15/2017	<0.04	
7/12/2017	<0.04	
7/26/2017	<0.04	
10/6/2017	0.0071 (J)	
3/23/2018	0.0092 (J)	
9/19/2018	0.0046 (J)	
3/22/2019	<0.04	
9/17/2019	<0.04	
3/13/2020	0.0054 (J)	
9/21/2020	<0.04	
3/18/2021	<0.04	
8/11/2021	<0.04	
2/7/2022	<0.04	
8/19/2022	<0.04	
2/22/2023	<0.04	
8/1/2023	<0.04	
2/28/2024		<0.04
8/13/2024		<0.04
3/3/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<0.04	
5/16/2016	<0.04	
7/25/2016	<0.04	
9/19/2016	<0.04	
11/3/2016	<0.04	
1/19/2017	<0.04	
3/28/2017	0.0113 (J)	
6/5/2017	<0.04 (*)	
9/26/2017	0.0084 (J)	
3/15/2018	0.014 (J)	
9/12/2018	0.0051 (J)	
3/14/2019	0.018 (X)	
9/11/2019	0.0088 (X)	
3/10/2020	0.019 (J)	
9/15/2020	0.0089 (J)	
3/11/2021	0.016 (J)	
8/4/2021	0.016 (J)	
1/31/2022	0.015 (J)	
8/15/2022	0.011 (J)	
2/14/2023	0.014 (J)	
7/26/2023	<0.04	
2/20/2024		<0.04
8/6/2024		<0.04
2/26/2025		0.0098 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.04	
5/16/2016	<0.04 (D)	
7/25/2016	<0.04 (D)	
9/19/2016	<0.04 (D)	
11/4/2016	<0.04 (D)	
1/23/2017	0.0086 (JD)	
3/29/2017	<0.04 (D)	
6/7/2017	<0.04 (*)	
9/27/2017	<0.04	
3/15/2018	0.0077 (J)	
9/13/2018	<0.04	
3/14/2019	<0.04 (D)	
9/11/2019	<0.04 (D)	
3/10/2020	<0.04	
9/11/2020	<0.04	
3/11/2021	<0.04	
8/6/2021	<0.04	
2/1/2022	0.019 (J)	
8/12/2022	<0.04	
2/14/2023	<0.04	
7/26/2023	<0.04	
2/20/2024		<0.04
8/5/2024		<0.04
2/26/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	<0.04	
5/16/2016	<0.04 (D)	
7/25/2016	0.0054 (JD)	
9/19/2016	<0.04 (D)	
11/3/2016	<0.04 (D)	
1/20/2017	<0.04 (D)	
3/29/2017	<0.04 (D)	
6/7/2017	<0.04 (*)	
9/27/2017	<0.04	
3/15/2018	0.0063 (J)	
9/13/2018	<0.04	
3/14/2019	0.006 (XJD)	
9/11/2019	<0.04 (D)	
3/10/2020	0.009 (J)	
9/11/2020	0.0056 (J)	
3/11/2021	0.006 (J)	
8/6/2021	<0.04	
2/1/2022	0.022 (J)	
8/12/2022	<0.04	
2/14/2023	0.012 (J)	
7/26/2023	0.0088 (J)	
2/20/2024		<0.04
8/5/2024		<0.04
2/26/2025		0.0069 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	<0.04	
5/17/2016	<0.04	
7/26/2016	0.0047 (J)	
9/20/2016	0.0254 (J)	
11/4/2016	<0.04	
1/20/2017	<0.04	
3/28/2017	<0.04	
6/7/2017	<0.04 (*)	
9/29/2017	<0.04	
3/15/2018	0.0042 (J)	
9/13/2018	<0.04	
3/18/2019	0.022 (X)	
9/11/2019	<0.04	
3/10/2020	<0.04	
9/14/2020	<0.04	
3/11/2021	<0.04	
8/5/2021	<0.04	
1/31/2022	<0.04	
8/15/2022	<0.04	
2/14/2023	<0.04	
7/26/2023	<0.04	
2/21/2024		<0.04
8/5/2024		<0.04
2/26/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	<0.04	
5/18/2016	<0.04	
7/27/2016	<0.04 (*)	
9/20/2016	0.0133 (J)	
11/7/2016	0.0079 (J)	
1/23/2017	<0.04	
3/29/2017	<0.04	
6/8/2017	<0.04	
9/27/2017	<0.04	
3/15/2018	<0.04	
9/13/2018	<0.04	
3/15/2019	<0.04	
9/12/2019	<0.04	
3/9/2020	<0.04	
9/14/2020	<0.04	
3/11/2021	<0.04	
8/5/2021	<0.04	
2/1/2022	0.011 (J)	
8/15/2022	<0.04	
2/14/2023	<0.04	
7/27/2023	0.012 (J)	
2/21/2024		<0.04
8/5/2024		<0.04
2/26/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	<0.04	
5/18/2016	<0.04	
7/27/2016	<0.04	
9/20/2016	0.0109 (J)	
11/4/2016	<0.04	
1/20/2017	<0.04	
3/29/2017	<0.04	
6/8/2017	<0.04	
9/27/2017	<0.04	
3/16/2018	<0.04	
9/13/2018	<0.04	
3/19/2019	<0.04	
9/11/2019	0.0054 (X)	
3/9/2020	0.0051 (J)	
9/15/2020	<0.04	
3/11/2021	<0.04	
8/5/2021	<0.04	
2/1/2022	0.01 (J)	
8/15/2022	<0.04	
2/14/2023	<0.04	
7/27/2023	0.019 (J)	
2/21/2024		<0.04
8/5/2024		<0.04
2/26/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.04	
5/17/2016	<0.04	
7/27/2016	<0.04 (*)	
9/20/2016	0.0078 (J)	
11/4/2016	<0.04	
1/23/2017	<0.04	
3/28/2017	<0.04	
6/8/2017	<0.04	
9/29/2017	<0.04	
3/15/2018	<0.04	
9/13/2018	<0.04	
3/15/2019	<0.04	
9/11/2019	<0.04	
3/9/2020	<0.04	
9/14/2020	<0.04	
3/11/2021	<0.04	
8/4/2021	<0.04	
1/31/2022	<0.04	
8/15/2022	<0.04	
2/14/2023	<0.04	
7/26/2023	<0.04	
2/21/2024		<0.04
8/5/2024		<0.04
2/26/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	<0.04	
5/18/2016	<0.04	
7/27/2016	<0.04 (*)	
9/21/2016	<0.04 (*)	
11/4/2016	<0.04	
1/24/2017	<0.04	
3/29/2017	<0.04	
6/8/2017	<0.04	
9/29/2017	<0.04	
3/15/2018	<0.04	
9/13/2018	<0.04	
3/18/2019	0.0099 (X)	
9/11/2019	<0.04	
3/11/2020	<0.04	
9/11/2020	0.0057 (J)	
3/15/2021	0.01 (J)	
8/11/2021	<0.04	
2/1/2022	<0.04	
8/15/2022	<0.04	
2/14/2023	<0.04	
7/27/2023	<0.04	
2/21/2024		<0.04
8/6/2024		<0.04
2/26/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	<0.04	
5/18/2016	<0.04	
7/28/2016	<0.04 (*)	
9/21/2016	<0.04 (*)	
11/7/2016	0.0138 (J)	
1/24/2017	<0.04	
3/30/2017	0.0077 (J)	
6/9/2017	<0.04	
9/29/2017	<0.04	
3/15/2018	0.0052 (J)	
9/14/2018	<0.04	
3/19/2019	0.0043 (X)	
9/11/2019	<0.04	
3/9/2020	0.0055 (J)	
9/14/2020	<0.04	
3/15/2021	0.0066 (J)	
8/5/2021	<0.04	
2/1/2022	0.0087 (J)	
8/15/2022	<0.04	
2/14/2023	<0.04	
7/27/2023	<0.04	
2/21/2024		<0.04
8/6/2024		<0.04
2/26/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
3/28/2016	<0.04	
5/25/2016	<0.04	
8/1/2016	<0.04	
9/27/2016	<0.04	
11/11/2016	0.0083 (J)	
1/31/2017	<0.04	
4/3/2017	<0.04	
6/12/2017	<0.04	
10/3/2017	<0.04	
3/19/2018	0.0041 (J)	
9/17/2018	<0.04	
3/20/2019	<0.04	
9/16/2019	0.0051 (J)	
3/16/2020	<0.04	
9/16/2020	<0.04	
3/17/2021	<0.04	
8/9/2021	<0.04	
2/2/2022	<0.04	
8/16/2022	<0.04	
2/20/2023	<0.04	
7/28/2023	<0.04	
2/26/2024		<0.04
8/8/2024		<0.04
2/27/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
3/29/2016	<0.04	
5/24/2016	<0.04	
8/1/2016	<0.04	
9/26/2016	<0.04	
11/18/2016	<0.04	
2/1/2017	<0.04	
4/6/2017	<0.04	
6/13/2017	<0.04	
10/3/2017	<0.04	
3/19/2018	<0.04	
9/17/2018	<0.04	
3/21/2019	<0.04	
9/16/2019	<0.04	
3/12/2020	0.0061 (J)	
9/16/2020	<0.04	
3/17/2021	<0.04	
8/10/2021	<0.04	
2/2/2022	<0.04	
8/17/2022	<0.04	
2/17/2023	<0.04	
7/31/2023	<0.04	
2/26/2024		<0.04
8/8/2024		<0.04
2/27/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
3/29/2016	<0.04	
5/24/2016	<0.04	
8/1/2016	<0.04	
9/26/2016	<0.04	
11/14/2016	<0.04	
2/1/2017	<0.04	
4/6/2017	<0.04	
6/13/2017	<0.04	
10/3/2017	<0.04	
3/20/2018	0.0073 (J)	
9/17/2018	0.0046 (J)	
3/21/2019	<0.04	
9/16/2019	<0.04	
3/12/2020	0.0052 (J)	
9/16/2020	<0.04	
3/17/2021	<0.04	
8/10/2021	<0.04	
2/2/2022	<0.04	
8/17/2022	<0.04	
2/17/2023	<0.04	
7/28/2023	<0.04	
2/26/2024		<0.04
8/8/2024		<0.04
2/27/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	<0.04	
8/2/2016	<0.04	
9/27/2016	0.0073 (J)	
11/21/2016	0.008 (J)	
2/1/2017	<0.04	
4/6/2017	<0.04	
6/13/2017	<0.04	
7/14/2017	0.007 (J)	
10/3/2017	<0.04	
3/20/2018	0.0064 (J)	
9/18/2018	0.0045 (J)	
3/21/2019	<0.04	
9/13/2019	0.0065 (J)	
3/12/2020	0.0057 (J)	
9/16/2020	0.0052 (J)	
3/17/2021	<0.04	
8/10/2021	<0.04	
2/2/2022	<0.04	
8/17/2022	0.011 (J)	
2/20/2023	<0.04	
7/31/2023	<0.04	
2/26/2024		<0.04
8/8/2024		<0.04
2/27/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
3/30/2016	<0.04	
5/24/2016	<0.04	
8/2/2016	<0.04	
9/27/2016	<0.04	
11/22/2016	0.0115 (J)	
2/6/2017	<0.04	
4/6/2017	<0.04	
6/14/2017	<0.04	
10/4/2017	<0.04	
3/21/2018	<0.04	
9/18/2018	<0.04	
3/27/2019	0.0078 (J)	
9/16/2019	<0.04 (D)	
3/12/2020	<0.04	
9/17/2020	<0.04	
3/17/2021	<0.04	
8/10/2021	<0.04	
2/2/2022	<0.04	
8/17/2022	<0.04	
2/21/2023	<0.04	
7/31/2023	<0.04	
2/27/2024		<0.04
8/12/2024		<0.04
3/4/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
3/22/2016	<0.04	
5/25/2016	<0.04	
8/2/2016	<0.04	
9/26/2016	<0.04	
11/21/2016	<0.04	
2/3/2017	<0.04	
4/7/2017	<0.04	
6/13/2017	<0.04	
10/3/2017	<0.04	
3/20/2018	<0.04	
9/18/2018	<0.04	
5/6/2019	0.0065 (J)	
9/16/2019	<0.04	
3/16/2020	<0.04	
9/17/2020	<0.04	
3/18/2021	<0.04	
8/10/2021	<0.04	
2/2/2022	<0.04	
8/17/2022	0.012 (J)	
2/20/2023	<0.04	
7/31/2023	<0.04	
2/26/2024		<0.04
8/12/2024		<0.04
2/28/2025		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
3/30/2016	<0.04	
5/26/2016	<0.04	
8/5/2016	<0.04	
9/28/2016	<0.04	
11/21/2016	<0.04	
2/6/2017	<0.04	
4/6/2017	<0.04	
6/13/2017	<0.04	
10/3/2017	<0.04	
3/20/2018	0.0096 (J)	
9/18/2018	<0.04 (D)	
3/21/2019	0.006 (J)	
9/16/2019	<0.04	
3/12/2020	0.0058 (J)	
9/17/2020	<0.04	
3/18/2021	<0.04	
8/10/2021	<0.04	
2/2/2022	<0.04	
8/17/2022	<0.04	
2/21/2023	<0.04	
7/31/2023	<0.04	
2/27/2024		<0.04
8/12/2024		<0.04
2/28/2025		0.0069 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
3/22/2016	32.6	
5/19/2016	33.4	
7/29/2016	26	
9/23/2016	28.8	
11/9/2016	27.9	
1/30/2017	29.2	
3/30/2017	30	
6/9/2017	30.9	
10/2/2017	31.5	
3/16/2018	28.5	
9/17/2018	30.8	
3/20/2019	30.1	
9/12/2019	31.9	
3/11/2020	31.8	
9/15/2020	30.8	
3/16/2021	34.6	
8/9/2021	32	
2/1/2022	34.1	
8/16/2022	34	
2/16/2023	33.3	
7/27/2023	29.1	
2/22/2024		31.8
8/7/2024		31.6
2/27/2025		33.4

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
3/23/2016	54.1	
5/20/2016	23.9	
7/29/2016	25.3	
9/23/2016	26.6	
11/9/2016	16.1	
1/31/2017	5.68	
3/30/2017	25.2	
6/12/2017	34.2	
10/2/2017	1.69	
3/19/2018	63	
9/14/2018	2.4	
3/20/2019	4.3	
9/12/2019	1.8	
3/11/2020	66.6	
9/15/2020	18.4	
3/17/2021	40.4	
8/9/2021	41	
2/1/2022	48	
8/16/2022	39.5	
2/16/2023	60.5	
7/27/2023	23.3	
2/22/2024		45.6
8/7/2024		32.3
2/27/2025		41.7

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
3/23/2016	46.5	
5/19/2016	24.6	
7/29/2016	14.9	
9/22/2016	15	
11/10/2016	12.6	
1/31/2017	16.5	
4/3/2017	16.6	
6/9/2017	17.8	
10/2/2017	20.6	
3/16/2018	33	
9/14/2018	22.8 (J)	
3/19/2019	59.2	
9/13/2019	27	
3/11/2020	46.8	
9/15/2020	21.4	
3/16/2021	26.7	
8/9/2021	31.5	
2/1/2022	34.1	
8/16/2022	37.9	
2/16/2023	51.6	
7/27/2023	28	
2/26/2024		30.6
8/6/2024		25.5
2/27/2025		66.7

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	27.8 (D)	
7/27/2016	21.2 (D)	
2/21/2017	31.7 (D)	
3/27/2017	31.9 (D)	
6/8/2017	35 (D)	
7/17/2017	35.9 (D)	
7/27/2017	34.9 (D)	
8/9/2017	33.7 (D)	
9/29/2017	33.4 (D)	
3/16/2018	32.6	
9/14/2018	29.2	
3/14/2019	33	
9/10/2019	33.8	
3/9/2020	35.6	
9/16/2020	34.9	
3/16/2021	32.4	
8/6/2021	33	
2/2/2022	32.6	
8/16/2022	32	
2/14/2023	31.4	
7/25/2023	35.7	
2/19/2024		34.8
8/1/2024		33.9
2/26/2025		35.4

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	20	
5/11/2016	9.76	
7/19/2016	3.04	
9/15/2016	4.78	
11/2/2016	2.46	
1/18/2017	5.46	
3/28/2017	13	
6/7/2017	17	
9/26/2017	24.9	
12/28/2017	17.9 (Y)	
3/14/2018	26.4	
9/12/2018	25.1	
3/15/2019	20.3 (X)	
9/9/2019	11.3	
3/9/2020	3.2	
9/10/2020	1	
3/12/2021	11	
8/4/2021	10.6	
1/31/2022	12.7	
8/10/2022	8.7	
2/13/2023	12.8	
7/26/2023	12.5	
2/19/2024		10.8
8/1/2024		11.5
2/25/2025		17.4

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
3/23/2016	2.05	
5/23/2016	1.29	
7/29/2016	1.29	
9/22/2016	1.51	
11/10/2016	1.54	
1/31/2017	1.34	
3/30/2017	1.31	
6/12/2017	1.4	
10/4/2017	1.13	
3/19/2018	1.2	
9/17/2018	0.95	
3/20/2019	0.96	
9/13/2019	0.94	
3/11/2020	1	
3/29/2021	19	
8/9/2021	19.4	
2/2/2022	22.6	
8/16/2022	22.2	
2/17/2023	22.4	
8/1/2023	22.6	
2/22/2024	22.9	
8/8/2024	23	
2/26/2025		19.9

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	24	
5/11/2016	22.1	
7/21/2016	19.3	
9/15/2016	18.2	
11/3/2016	18.2	
1/17/2017	22	
3/24/2017	21.1	
5/24/2017	23.5	
9/26/2017	24.1	
3/14/2018	25.7	
9/12/2018	18.4 (J)	
3/13/2019	23.8 (X)	
9/9/2019	15.4	
3/9/2020	29.4	
9/11/2020	17.7	
3/10/2021	22.8	
8/4/2021	17.1	
1/31/2022	18.5	
8/12/2022	18.5	
2/13/2023	18.4	
7/26/2023	18	
2/19/2024		22.1
8/1/2024		19
2/25/2025		26.3

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	24	
5/12/2016	15.5	
7/20/2016	16.5	
9/15/2016	6.1	
11/3/2016	13.7	
1/18/2017	13.1	
3/24/2017	17.3	
6/6/2017	29.1	
9/25/2017	17.6	
3/14/2018	39.6	
9/12/2018	14.2 (J)	
3/14/2019	22.7 (X)	
9/10/2019	6	
3/6/2020	29.2	
9/10/2020	13.5	
3/11/2021	25.9	
8/4/2021	15.7	
1/31/2022	14.5	
8/11/2022	16.2	
2/13/2023	26.9	
7/25/2023	10.8	
2/19/2024		24.9
8/1/2024		8.5
2/25/2025		31.7

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	38	
5/13/2016	36	
7/21/2016	33.5	
9/21/2016	31.9	
11/3/2016	28.9	
1/17/2017	31.4	
3/27/2017	31.7	
6/6/2017	42.9	
9/25/2017	29.3	
3/14/2018	41.4	
9/12/2018	29	
3/14/2019	31.9	
9/10/2019	29.6	
3/9/2020	25.5	
9/10/2020	22.9	
3/10/2021	40.3	
8/4/2021	38.5	
1/31/2022	39.3	
8/11/2022	39.7	
2/13/2023	38.6	
7/25/2023	36.7	
2/19/2024		44.9
8/1/2024		40
2/25/2025		34

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	31	
5/16/2016	32	
7/22/2016	28.5	
9/19/2016	28.6	
11/3/2016	26.6	
1/17/2017	28.7	
3/27/2017	30.4	
6/7/2017	31.3	
9/26/2017	29.5	
3/14/2018	32.6	
9/14/2018	30.5	
3/14/2019	32	
9/10/2019	34	
3/6/2020	38	
9/10/2020	31.1	
3/11/2021	34.8	
8/4/2021	34	
1/31/2022	37.3	
8/10/2022	40.5	
2/13/2023	35.7	
7/26/2023	35.7	
2/20/2024		39.4
8/1/2024		36.9
2/25/2025		38.9

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	13	
5/13/2016	18.7 (o)	
7/19/2016	12	
9/16/2016	8.48	
11/2/2016	11.4	
1/18/2017	6.81	
3/28/2017	5.61	
6/6/2017	4.99	
9/22/2017	4.24	
3/14/2018	3.6	
9/12/2018	3.7	
3/13/2019	2.9	
9/11/2019	3.2	
3/9/2020	2.6	
9/11/2020	9	
3/11/2021	2.1	
8/6/2021	4	
1/31/2022	2.2	
8/11/2022	4.8	
2/14/2023	2.2	
7/25/2023	2.2	
2/20/2024		2
8/2/2024		2
2/25/2025		1.6

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	30	
5/13/2016	27.8	
7/19/2016	25.3	
9/16/2016	27.5	
11/2/2016	26.2	
1/18/2017	26.6	
3/28/2017	29	
6/6/2017	29.3	
9/22/2017	32.2	
12/28/2017	29 (Y)	
3/15/2018	28	
9/12/2018	28.7	
3/13/2019	29.2	
9/11/2019	29.5	
3/9/2020	31.7	
9/14/2020	31	
3/11/2021	31.2	
8/5/2021	29	
1/31/2022	30.6	
8/10/2022	33.1	
2/13/2023	28.5	
7/25/2023	34.2	
2/20/2024		31.4
8/2/2024		32.8
2/25/2025		23.2

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	54.7 (D)	
4/7/2017	46.8 (D)	
6/14/2017	52.4 (D)	
7/12/2017	51.1 (D)	
7/20/2017	47.5 (D)	
7/28/2017	44 (D)	
8/9/2017	48.3 (D)	
8/24/2017	41.9 (D)	
10/3/2017	47.7 (D)	
3/21/2018	47.5	
9/18/2018	48.1	
3/21/2019	49.9 (D)	
9/12/2019	49.9 (D)	
3/12/2020	54.2	
9/17/2020	48.4	
3/16/2021	53.7	
8/10/2021	56.5	
2/3/2022	57.7	
8/17/2022	54.7	
2/17/2023	59.4	
7/28/2023	43	
2/27/2024		63.1
8/8/2024		56.4
2/28/2025		56.6

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
3/28/2016	3.89	
5/23/2016	2.16	
8/1/2016	1.37	
9/26/2016	1.86	
11/10/2016	1.86	
1/30/2017	2.86	
4/7/2017	2.34	
6/12/2017	1.87	
10/2/2017	2.53	
3/16/2018	1.8	
9/17/2018	2.3	
3/19/2019	4.2	
9/13/2019	1.9	
3/11/2020	1.6	
9/16/2020	1.7	
3/17/2021	1.4	
8/9/2021	1.5	
2/1/2022	1.5	
8/16/2022	1.6	
2/16/2023	1.4	
7/28/2023	1.3	
2/22/2024		1.7
8/8/2024		1.7
2/27/2025		1.4

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
3/28/2016	7.04	
5/25/2016	13.5	
8/1/2016	2.2	
9/26/2016	5.72	
11/11/2016	2.5	
1/30/2017	2.01	
4/3/2017	6.26	
6/12/2017	7.44	
10/2/2017	6.55	
3/16/2018	2.6	
9/18/2018	1.3	
3/19/2019	4.6	
9/12/2019	3.7	
3/11/2020	1.2	
9/15/2020	0.94 (J)	
3/17/2021	5.4	
8/9/2021	1.7	
2/2/2022	0.93 (J)	
8/17/2022	3.8	
2/16/2023	0.81 (J)	
7/28/2023	0.6 (J)	
2/22/2024		0.78 (J)
8/8/2024		0.72 (J)
2/28/2025		0.81 (J)

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
3/31/2016	36.4	
5/26/2016	37.6	
8/5/2016	30.7	
9/28/2016	32.4	
11/22/2016	31.4	
2/7/2017	30.1	
4/10/2017	23.6	
6/14/2017	34.6	
10/4/2017	35.2	
3/20/2018	12 (J)	
9/18/2018	36.7	
3/22/2019	15.4 (J)	
9/17/2019	36.7	
3/12/2020	18.6	
9/17/2020	32.6	
3/18/2021	27	
8/10/2021	29.4	
2/4/2022	21.3	
8/17/2022	36.7	
2/20/2023	9	
7/31/2023	33.7	
2/27/2024		23.3
8/12/2024		37
2/28/2025		19.9

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
3/31/2016	45	
5/26/2016	41.7	
8/3/2016	35.2	
9/28/2016	39.2	
11/22/2016	37.2	
2/7/2017	38.4	
4/10/2017	38.7	
6/14/2017	40.8	
10/4/2017	40.1	
3/21/2018	43.3	
9/18/2018	45.4	
3/22/2019	37.2	
9/17/2019	40.5	
3/12/2020	43.2	
9/17/2020	39	
3/18/2021	43.8	
8/11/2021	44.3	
2/4/2022	46.3	
8/18/2022	48.5	
2/20/2023	46.2	
7/31/2023	42.5	
2/27/2024		44.4
8/12/2024		46.6
3/3/2025		41.8

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
4/4/2016	21.3	
5/26/2016	22.5	
8/3/2016	17.5	
9/28/2016	24.1	
11/22/2016	15.7	
2/8/2017	18.3	
4/10/2017	18.5	
6/15/2017	21	
10/4/2017	9.4	
3/21/2018	19.7 (J)	
9/18/2018	17.6 (J)	
3/23/2019	7.8	
9/17/2019	16.8	
3/12/2020	8	
9/21/2020	17.7	
3/19/2021	19.7	
8/11/2021	9.1	
2/4/2022	19.2	
8/18/2022	10.2	
2/20/2023	7.4	
8/1/2023	23.1	
2/28/2024		20.2
8/13/2024		9.2
3/4/2025		18.9

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
4/4/2016	27.9	
5/26/2016	28.7	
8/4/2016	18.6	
9/28/2016	17.7	
11/22/2016	20.2	
2/8/2017	24.3	
4/10/2017	29	
6/15/2017	29	
10/4/2017	23.9	
3/22/2018	27.5	
9/18/2018	26.3	
3/23/2019	28.3	
9/17/2019	27.6	
3/12/2020	32.5	
9/21/2020	26	
3/19/2021	31.3	
8/11/2021	33.2	
2/4/2022	34.8	
8/18/2022	36.9	
2/20/2023	32.5	
8/1/2023	30	
2/28/2024		33.7
8/12/2024		32
3/3/2025		33.2

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
4/4/2016	8.63	
5/27/2016	9.07	
8/3/2016	6.82	
9/30/2016	8.8	
11/22/2016	8.08	
2/13/2017	8.51	
4/11/2017	7.5	
6/14/2017	7.82	
10/4/2017	8.32	
3/22/2018	7.5	
9/18/2018	8.2	
3/23/2019	7.5	
9/17/2019	7.8	
3/12/2020	8.1	
9/21/2020	8	
3/19/2021	7.8	
8/11/2021	8.4	
2/2/2022	8.4	
8/18/2022	9.2	
2/21/2023	7.9	
8/1/2023	7.8	
2/27/2024		8.4
8/12/2024		8.2
3/4/2025		7.9

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
4/4/2016	36.9	
5/31/2016	43.9	
8/4/2016	45	
9/29/2016	60.5	
11/28/2016	54.7	
2/9/2017	61	
4/12/2017	52.3	
6/16/2017	62.3	
10/9/2017	58.6	
3/21/2018	40.9	
9/19/2018	45.9	
3/23/2019	29.6	
9/18/2019	40.7	
3/13/2020	33	
9/22/2020	43.1	
3/18/2021	30.8	
8/11/2021	28.4	
2/17/2022	29.3	
8/18/2022	33	
2/22/2023	26.3	
8/1/2023	33.5	
2/27/2024		33.2
8/12/2024		35.6
3/3/2025		31

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
4/4/2016	26.5	
6/1/2016	26.6	
2/22/2017	51.6	
4/11/2017	45.2	
6/16/2017	47.5	
7/12/2017	51.6	
7/28/2017	46	
8/10/2017	52.2	
10/6/2017	42.2	
3/23/2018	41.4	
9/20/2018	47.5	
3/22/2019	40.5	
9/18/2019	42.9	
3/17/2020	44.9	
9/22/2020	47.7	
3/19/2021	43	
8/12/2021	43.1	
2/4/2022	43.9	
8/19/2022	47.3	
2/22/2023	40.1	
8/2/2023	40.6	
2/28/2024		43.6
8/13/2024		40.8
3/4/2025		40.1

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
4/5/2016	35.7	
6/1/2016	28.2	
8/9/2016	43	
11/28/2016	24.8	
2/9/2017	21.2	
4/11/2017	21.1	
6/14/2017	20.6	
7/12/2017	17.7	
10/5/2017	20.1	
3/22/2018	18.6 (J)	
9/19/2018	20 (J)	
3/22/2019	16.7 (J)	
9/17/2019	11.4	
3/13/2020	17	
9/21/2020	13.1	
3/18/2021	13	
8/11/2021	14.3	
2/4/2022	14.3	
8/18/2022	14.7	
2/22/2023	14.3	
8/1/2023	12.5	
2/28/2024		13
8/13/2024		12.1
3/3/2025		12.5

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
4/5/2016	37.7	
5/31/2016	38.4	
8/4/2016	28.6	
9/29/2016	31.4	
11/23/2016	62.5 (o)	
2/10/2017	31.2	
4/12/2017	34.1	
6/15/2017	34.2	
10/6/2017	35.4	
3/23/2018	35.6	
9/19/2018	35.7	
3/25/2019	35.6	
9/17/2019	39.5	
3/13/2020	41	
9/21/2020	36.5	
3/18/2021	42.1	
8/11/2021	38.6	
2/4/2022	41.7	
8/19/2022	40.4	
2/22/2023	38.1	
8/2/2023	34.6	
2/28/2024		34
8/13/2024		30.3
3/3/2025		26.6

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
4/5/2016	12.2	
5/31/2016	8.24	
11/23/2016	24.5	
2/10/2017	23.8	
4/11/2017	25.7	
6/15/2017	24.8	
7/12/2017	27.7	
7/26/2017	25.6	
10/6/2017	24.7	
3/23/2018	24.3 (J)	
9/19/2018	23.7 (J)	
3/22/2019	21.3 (J)	
9/17/2019	22.1	
3/13/2020	24.2	
9/21/2020	22.6	
3/18/2021	27.4	
8/11/2021	25.4	
2/7/2022	26.1	
8/19/2022	28.1	
2/22/2023	24.4	
8/1/2023	24.5	
2/28/2024		25.6
8/13/2024		25
3/3/2025		24.4

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	5.5	
5/16/2016	4.3	
7/25/2016	1.41	
9/19/2016	1.01	
11/3/2016	0.884	
1/19/2017	1.41	
3/28/2017	4.23	
6/5/2017	10.1	
9/26/2017	4.14	
3/15/2018	9	
9/12/2018	4.1	
3/14/2019	17.2 (X)	
9/11/2019	7.1	
3/10/2020	16.9	
9/15/2020	8.3	
3/11/2021	11.9	
8/4/2021	12.5	
1/31/2022	11.2	
8/15/2022	10.6	
2/14/2023	12.5	
7/26/2023	3.6	
2/20/2024		7.6
8/6/2024		2.1
2/26/2025		7.3

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	0.8	
5/16/2016	0.877 (D)	
7/25/2016	0.781 (D)	
9/19/2016	0.775 (D)	
11/4/2016	0.792 (D)	
1/23/2017	0.782 (D)	
3/29/2017	0.756 (D)	
6/7/2017	0.944	
9/27/2017	0.773	
3/15/2018	0.77	
9/13/2018	0.79	
3/14/2019	0.9 (D)	
9/11/2019	0.83 (D)	
3/10/2020	0.89 (J)	
9/11/2020	0.81 (J)	
3/11/2021	0.93 (J)	
8/6/2021	0.94 (J)	
2/1/2022	1.1	
8/12/2022	1.1	
2/14/2023	1	
7/26/2023	0.97 (J)	
2/20/2024		1
8/5/2024		0.98 (J)
2/26/2025		1

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	36	
5/16/2016	37.4 (D)	
7/25/2016	30.2 (D)	
9/19/2016	32.3 (D)	
11/3/2016	29.3 (D)	
1/20/2017	28.7 (D)	
3/29/2017	34.9 (D)	
6/7/2017	30.9	
9/27/2017	34.2	
3/15/2018	34.6	
9/13/2018	36.1	
3/14/2019	37 (D)	
9/11/2019	37.2 (D)	
3/10/2020	43.5	
9/11/2020	35.3	
3/11/2021	43.1	
8/6/2021	40.6	
2/1/2022	43.9	
8/12/2022	43.3	
2/14/2023	47.5	
7/26/2023	45.7	
2/20/2024		41.5
8/5/2024		41.3
2/26/2025		40.3

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	50	
5/17/2016	50.5	
7/26/2016	40.7	
9/20/2016	38.8	
11/4/2016	40.7	
1/20/2017	38.8	
3/28/2017	48.3	
6/7/2017	43.4	
9/29/2017	46.6	
3/15/2018	46.2	
9/13/2018	45.3	
3/18/2019	46.1	
9/11/2019	43.1	
3/10/2020	51.6	
9/14/2020	40.2	
3/11/2021	45.2	
8/5/2021	43.7	
1/31/2022	39.9	
8/15/2022	38.7	
2/14/2023	41.1	
7/26/2023	37.7	
2/21/2024		39.6
8/5/2024		40.4
2/26/2025		44.6

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	26	
5/18/2016	26.2	
7/27/2016	19.3	
9/20/2016	25.3	
11/7/2016	23.6	
1/23/2017	25.1	
3/29/2017	28.9	
6/8/2017	25.6	
9/27/2017	23.8	
3/15/2018	21.6 (J)	
9/13/2018	23.8 (J)	
3/15/2019	20.4 (X)	
9/12/2019	21.1	
3/9/2020	22.3	
9/14/2020	20.9	
3/11/2021	21.1	
8/5/2021	20.4	
2/1/2022	21.3	
8/15/2022	33.7 (J)	
2/14/2023	20.5	
7/27/2023	17.3	
2/21/2024		22.1
8/5/2024		24.9
2/26/2025		28.6

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	25	
5/18/2016	27.6	
7/27/2016	23.9	
9/20/2016	28.9	
11/4/2016	32.1	
1/20/2017	31.8	
3/29/2017	34.6	
6/8/2017	34	
9/27/2017	30.8	
3/16/2018	30.2	
9/13/2018	30.9	
3/19/2019	28.4	
9/11/2019	33.3	
3/9/2020	35	
9/15/2020	31.6	
3/11/2021	31.8	
8/5/2021	29	
2/1/2022	29.4	
8/15/2022	22.3	
2/14/2023	31.6	
7/27/2023	27.9	
2/21/2024		28.7
8/5/2024		35.3
2/26/2025		36.7

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	12	
5/17/2016	3.25	
7/27/2016	3.2	
9/20/2016	2.72	
11/4/2016	1.69	
1/23/2017	<0.5	
3/28/2017	1.72	
6/8/2017	3.11	
9/29/2017	2.71	
3/15/2018	3.5	
9/13/2018	2.5	
3/15/2019	4.4	
9/11/2019	2.9	
3/9/2020	4.5	
9/14/2020	3.5	
3/11/2021	5.9	
8/4/2021	2.8	
1/31/2022	2.8	
8/15/2022	5.6	
2/14/2023	3	
7/26/2023	3.8	
2/21/2024		4.2
8/5/2024		5.1
2/26/2025		5.7

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	24	
5/18/2016	27.7	
7/27/2016	21.7	
9/21/2016	24.9	
11/4/2016	23.6	
1/24/2017	23	
3/29/2017	27.5	
6/8/2017	27.1	
9/29/2017	25.3	
3/15/2018	24.4 (J)	
9/13/2018	22.8 (J)	
3/18/2019	31	
9/11/2019	24.3	
3/11/2020	27.1	
9/11/2020	24.7	
3/15/2021	24.7	
8/11/2021	27.4	
2/1/2022	26	
8/15/2022	25.4	
2/14/2023	24.3	
7/27/2023	21.8	
2/21/2024		26.4
8/6/2024		26.5
2/26/2025		26.9

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	6.4	
5/18/2016	4.63	
7/28/2016	2.25	
9/21/2016	1.86	
11/7/2016	1.65	
1/24/2017	1.62	
3/30/2017	1.27	
6/9/2017	1.18	
9/29/2017	0.967	
3/15/2018	0.81	
9/14/2018	0.7	
3/19/2019	1.1	
9/11/2019	0.78	
3/9/2020	0.87 (J)	
9/14/2020	0.65 (J)	
3/15/2021	0.69 (J)	
8/5/2021	0.67 (J)	
2/1/2022	0.62 (J)	
8/15/2022	0.7 (J)	
2/14/2023	0.65 (J)	
7/27/2023	0.61 (J)	
2/21/2024		0.67 (J)
8/6/2024		0.63 (J)
2/26/2025		0.7 (J)

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
3/28/2016	4.29	
5/25/2016	7.15	
8/1/2016	3.35	
9/27/2016	2.89	
11/11/2016	3.33	
1/31/2017	3.21	
4/3/2017	2.57	
6/12/2017	6.22	
10/3/2017	2.45	
3/19/2018	3.3	
9/17/2018	2	
3/20/2019	2.7	
9/16/2019	2.8	
3/16/2020	12.1	
9/16/2020	2.8	
3/17/2021	3	
8/9/2021	2.6	
2/2/2022	3.7	
8/16/2022	3.7	
2/20/2023	3.5	
7/28/2023	1.9	
2/26/2024		3.9
8/8/2024		1.8
2/27/2025		3.6

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
3/29/2016	13.8	
5/24/2016	14.8	
9/26/2016	13.3	
11/18/2016	12.4	
2/1/2017	13.3	
4/6/2017	13.4	
6/13/2017	14.6	
10/3/2017	13.9	
3/19/2018	14.4 (J)	
9/17/2018	12.4 (J)	
3/21/2019	14.9 (J)	
9/16/2019	13.5	
3/12/2020	16.2	
9/16/2020	14.3	
3/17/2021	14.1	
8/10/2021	14.7	
2/2/2022	15.5	
8/17/2022	15.8	
2/17/2023	15.2	
7/31/2023	14.6	
2/26/2024		15.5
8/8/2024		15.9
2/27/2025		15.4

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:35 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
3/29/2016	11.1	
5/24/2016	12.6	
9/26/2016	11.8	
11/14/2016	11.3	
2/1/2017	12.6	
4/6/2017	9.84	
6/13/2017	13	
10/3/2017	13.7	
3/20/2018	11.5 (J)	
9/17/2018	11 (J)	
3/21/2019	8.3	
9/16/2019	9.5	
3/12/2020	9.3	
9/16/2020	8.8	
3/17/2021	9.5	
8/10/2021	9.9	
2/2/2022	10.5	
8/17/2022	10	
2/17/2023	9.7	
7/28/2023	7.1	
2/26/2024		9.7
8/8/2024		9.1
2/27/2025		9.8

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	25.7	
8/2/2016	22.9	
9/27/2016	22.2	
11/21/2016	22.1	
2/1/2017	21.7	
4/6/2017	21.4	
6/13/2017	24.4	
7/14/2017	24.8	
10/3/2017	23.6	
3/20/2018	22.9 (J)	
9/18/2018	20.8 (J)	
3/21/2019	25.2	
9/13/2019	24.6	
3/12/2020	26.4	
9/16/2020	24.4	
3/17/2021	23.9	
8/10/2021	26.2	
2/2/2022	26.9	
8/17/2022	27.2	
2/20/2023	26.1	
7/31/2023	23.6	
2/26/2024		25.9
8/8/2024		23.8
2/27/2025		24.3

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
3/30/2016	22.2	
5/24/2016	25.2	
8/2/2016	20.8	
9/27/2016	23.1	
11/22/2016	22.3	
2/6/2017	21.4	
4/6/2017	21.1	
6/14/2017	22.1	
10/4/2017	23.1	
3/21/2018	22.5 (J)	
9/18/2018	20.8 (J)	
3/27/2019	20.6 (J)	
9/16/2019	23	
3/12/2020	21.8	
9/17/2020	21.4	
3/17/2021	22.4	
8/10/2021	23.5	
2/2/2022	23.9	
8/17/2022	24	
2/21/2023	18	
7/31/2023	23	
2/27/2024		24.2
8/12/2024		23.8
3/4/2025		22.2

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
3/22/2016	25.1	
5/25/2016	23.7	
8/2/2016	21.5	
9/26/2016	21.4	
11/21/2016	21	
2/3/2017	20	
6/13/2017	21.5	
10/3/2017	22.8	
3/20/2018	20.3 (J)	
9/18/2018	15.5 (J)	
5/6/2019	20 (J)	
9/16/2019	20.3	
3/16/2020	19.4	
9/17/2020	18.1	
3/18/2021	9.6	
8/10/2021	20	
2/2/2022	20.8	
8/17/2022	10.4	
2/20/2023	18.5	
7/31/2023	20.8	
2/26/2024		20
8/12/2024		20.9
2/28/2025		19.2

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
3/30/2016	9.07	
5/26/2016	15.8	
8/5/2016	20.5	
9/28/2016	24.9	
11/21/2016	23.4	
2/6/2017	1.7	
4/6/2017	1.6	
6/13/2017	3.82	
10/3/2017	9.77	
3/20/2018	1.4	
9/18/2018	3.35 (D)	
3/21/2019	4.8	
9/16/2019	12	
3/12/2020	1.8	
9/17/2020	18.3	
3/18/2021	1.9	
8/10/2021	1.9	
2/2/2022	2.2	
8/17/2022	2.5	
2/21/2023	2.3	
7/31/2023	11.6	
2/27/2024		2.6
8/12/2024		11.6
2/28/2025		3.5

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
3/22/2016	0.0614 (J)	
5/19/2016	0.064 (J)	
7/29/2016	0.11 (J)	
9/23/2016	0.03 (J)	
11/9/2016	0.1 (J)	
1/30/2017	<0.1	
3/30/2017	0.01 (J)	
6/9/2017	0.04 (J)	
10/2/2017	0.07 (J)	
3/16/2018	0.029 (J)	
9/17/2018	<0.1 (D)	
3/20/2019	<0.1	
9/12/2019	0.051 (J)	
3/11/2020	0.052 (J)	
9/15/2020	0.05 (J)	
3/16/2021	<0.1	
8/9/2021	<0.1	
2/1/2022	<0.1	
8/16/2022	0.089 (J)	
2/16/2023	0.07 (J)	
7/27/2023	0.054 (J)	
2/22/2024		0.061 (J)
8/7/2024		0.08 (J)
2/27/2025		0.075 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
3/23/2016	0.0477 (J)	
5/20/2016	0.033 (J)	
7/29/2016	0.16 (J)	
9/23/2016	0.1 (J)	
11/9/2016	0.04 (J)	
1/31/2017	<0.1	
3/30/2017	0.02 (J)	
6/12/2017	0.17 (J)	
10/2/2017	<0.1	
3/19/2018	1.1 (O)	
9/14/2018	<0.1	
3/20/2019	<0.1	
9/12/2019	<0.1 (D)	
3/11/2020	<0.1	
9/15/2020	<0.1	
3/17/2021	<0.1	
8/9/2021	<0.1	
2/1/2022	<0.1	
8/16/2022	0.086 (J)	
2/16/2023	0.061 (J)	
7/27/2023	0.057 (J)	
2/22/2024		0.062 (J)
8/7/2024		0.083 (J)
2/27/2025		0.076 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
3/23/2016	0.0826 (J)	
5/19/2016	0.0409 (J)	
7/29/2016	0.07 (J)	
9/22/2016	<0.1	
11/10/2016	0.03 (J)	
1/31/2017	<0.1	
4/3/2017	0.02 (J)	
6/9/2017	0.06 (J)	
10/2/2017	<0.1	
3/16/2018	<0.1	
9/14/2018	<0.1	
3/19/2019	0.056 (J)	
9/13/2019	0.055 (J)	
3/11/2020	0.052 (J)	
9/15/2020	<0.1	
3/16/2021	<0.1	
8/9/2021	<0.1	
2/1/2022	<0.1	
8/16/2022	0.09 (J)	
2/16/2023	0.079 (J)	
7/27/2023	0.062 (J)	
2/26/2024		0.05 (J)
8/6/2024		0.076 (J)
2/27/2025		0.095 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	0.0202 (JD)	
7/27/2016	0.08 (JD)	
2/21/2017	0.17 (JD)	
3/27/2017	0.09 (JD)	
6/8/2017	0.05 (JD)	
7/17/2017	0.05 (JD)	
7/27/2017	0.08 (JD)	
8/9/2017	<0.1 (*)	
9/29/2017	0.04 (JD)	
3/16/2018	0.27 (J)	
9/14/2018	0.1 (J)	
3/14/2019	0.066 (X)	
9/10/2019	0.055 (X)	
3/9/2020	<0.1	
9/16/2020	<0.1	
3/16/2021	<0.1	
8/6/2021	<0.1	
2/2/2022	<0.1	
8/16/2022	<0.1	
2/14/2023	0.074 (J)	
7/25/2023	<0.1	
2/19/2024		<0.1
8/1/2024		<0.1
2/26/2025		0.061 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	0.0657 (J)	
5/11/2016	0.0401 (J)	
7/19/2016	<0.1	
9/15/2016	<0.1	
11/2/2016	0.04 (J)	
1/18/2017	0.03 (J)	
3/28/2017	0.06 (J)	
6/7/2017	0.06 (J)	
9/26/2017	0.04 (J)	
3/14/2018	0.14 (J)	
9/12/2018	<0.1	
3/15/2019	<0.1	
9/9/2019	0.054 (X)	
3/9/2020	<0.1	
9/10/2020	<0.1	
3/12/2021	0.051 (J)	
8/4/2021	<0.1	
1/31/2022	<0.1	
8/10/2022	0.075 (J)	
2/13/2023	0.064 (J)	
7/26/2023	0.055 (J)	
2/19/2024		0.057 (J)
8/1/2024		<0.1
2/25/2025		0.076 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
3/23/2016	<0.1	
5/23/2016	<0.1	
7/29/2016	<0.1	
9/22/2016	<0.1	
11/10/2016	<0.1	
1/31/2017	<0.1	
3/30/2017	<0.1	
6/12/2017	<0.1	
10/4/2017	<0.1	
3/19/2018	<0.1	
9/17/2018	<0.1	
3/20/2019	<0.1	
9/13/2019	<0.1	
3/11/2020	<0.1	
3/29/2021	0.053 (J)	
8/9/2021	0.055 (J)	
2/2/2022	<0.1	
8/16/2022	0.082 (J)	
2/17/2023	0.055 (J)	
8/1/2023	<0.1	
2/22/2024		<0.1
8/8/2024		0.063 (J)
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	0.0267 (J)	
5/11/2016	0.0255 (J)	
7/21/2016	<0.1	
9/19/2016	<0.1	
11/3/2016	0.11 (J)	
1/17/2017	0.02 (J)	
3/24/2017	<0.1	
5/24/2017	<0.1	
9/26/2017	<0.1	
3/14/2018	0.055 (J)	
9/12/2018	<0.1	
3/13/2019	0.045 (X)	
9/9/2019	<0.1	
3/9/2020	<0.1	
9/11/2020	<0.1	
3/10/2021	<0.1	
8/4/2021	<0.1	
1/31/2022	<0.1	
8/12/2022	0.068 (J)	
2/13/2023	0.054 (J)	
7/26/2023	<0.1	
2/19/2024		<0.1
8/1/2024		<0.1
2/25/2025		0.066 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	0.0285 (J)	
5/12/2016	0.022 (J)	
7/20/2016	<0.1	
9/15/2016	<0.1	
11/3/2016	0.05 (J)	
1/18/2017	0.02 (J)	
3/24/2017	<0.1	
6/6/2017	<0.1	
9/25/2017	<0.1	
3/14/2018	<0.1	
9/12/2018	<0.1	
3/14/2019	0.039 (X)	
9/10/2019	<0.1	
3/6/2020	<0.1	
9/10/2020	<0.1	
3/11/2021	<0.1	
8/4/2021	<0.1	
1/31/2022	<0.1	
8/11/2022	<0.1	
2/13/2023	0.05 (J)	
7/25/2023	<0.1	
2/19/2024		<0.1
8/1/2024		<0.1
2/25/2025		0.052 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	0.0394 (J)	
5/13/2016	0.0234 (J)	
7/21/2016	<0.1	
9/21/2016	<0.1	
11/3/2016	0.12 (J)	
1/17/2017	0.01 (J)	
3/27/2017	<0.1	
6/6/2017	<0.1	
9/25/2017	<0.1	
3/14/2018	<0.1	
9/12/2018	<0.1	
3/14/2019	0.04 (X)	
9/10/2019	<0.1	
3/9/2020	<0.1	
9/10/2020	<0.1	
3/10/2021	<0.1	
8/4/2021	<0.1	
1/31/2022	<0.1	
8/11/2022	<0.1	
2/13/2023	<0.1	
7/25/2023	<0.1	
2/19/2024		<0.1
8/1/2024		<0.1
2/25/2025		0.05 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	0.0296 (J)	
5/16/2016	0.0287 (J)	
7/22/2016	0.04 (J)	
9/19/2016	<0.1	
11/3/2016	0.04 (J)	
1/17/2017	0.02 (J)	
3/27/2017	<0.1	
6/7/2017	<0.1	
9/26/2017	<0.1	
3/14/2018	0.06 (J)	
9/14/2018	<0.1	
3/14/2019	0.058 (X)	
9/10/2019	<0.1	
3/6/2020	<0.1	
9/10/2020	<0.1	
3/11/2021	<0.1	
8/4/2021	<0.1	
1/31/2022	<0.1	
8/10/2022	0.068 (J)	
2/13/2023	0.056 (J)	
7/26/2023	<0.1	
2/20/2024		<0.1
8/1/2024		<0.1
2/25/2025		0.06 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	0.0329 (J)	
5/13/2016	0.0459 (J)	
7/19/2016	<0.1	
9/16/2016	<0.1	
11/2/2016	0.04 (J)	
1/18/2017	<0.1	
3/28/2017	<0.1	
6/6/2017	<0.1	
9/22/2017	<0.1	
3/14/2018	<0.1	
9/12/2018	<0.1	
3/13/2019	<0.1	
9/11/2019	<0.1	
3/9/2020	<0.1	
9/11/2020	<0.1	
3/11/2021	<0.1	
8/6/2021	<0.1	
1/31/2022	<0.1	
8/11/2022	<0.1	
2/14/2023	0.052 (J)	
7/25/2023	<0.1	
2/20/2024		<0.1
8/2/2024		<0.1
2/25/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	0.0141 (J)	
5/13/2016	0.0141 (J)	
7/19/2016	<0.1	
9/16/2016	<0.1	
11/2/2016	0.04 (J)	
1/18/2017	0.02 (J)	
3/28/2017	<0.1	
6/6/2017	<0.1	
9/22/2017	<0.1	
3/15/2018	<0.1	
9/12/2018	<0.1	
3/13/2019	0.036 (X)	
9/11/2019	<0.1	
3/9/2020	<0.1	
9/14/2020	<0.1	
3/11/2021	<0.1	
8/5/2021	<0.1	
1/31/2022	<0.1	
8/10/2022	0.062 (J)	
2/13/2023	<0.1	
7/25/2023	<0.1	
2/20/2024		<0.1
8/2/2024		<0.1
2/25/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	0.3 (D)	
4/7/2017	0.19 (JD)	
6/14/2017	0.19 (JD)	
7/12/2017	0.18 (JD)	
7/20/2017	0.17 (JD)	
7/28/2017	0.13 (JD)	
8/9/2017	0.245 (JD)	
8/24/2017	0.16 (JD)	
10/3/2017	0.17 (JD)	
3/21/2018	0.24 (J)	
9/18/2018	<0.3	
3/21/2019	0.19 (JD)	
9/12/2019	0.1 (JD)	
3/12/2020	0.18 (J)	
9/17/2020	0.12 (J)	
3/16/2021	0.1	
8/10/2021	0.087 (J)	
2/3/2022	0.15	
8/17/2022	0.11	
2/17/2023	0.11	
7/28/2023	0.077 (J)	
2/27/2024		0.087 (J)
8/8/2024		0.16
2/28/2025		0.081 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
3/28/2016	0.0314 (J)	
5/23/2016	0.027 (J)	
8/1/2016	<0.1	
9/26/2016	<0.1	
11/10/2016	0.04 (J)	
1/30/2017	<0.1	
4/7/2017	<0.1	
6/12/2017	0.07 (J)	
10/2/2017	<0.1	
3/16/2018	<0.1	
9/17/2018	<0.1	
3/19/2019	<0.1	
9/13/2019	<0.1	
3/11/2020	<0.1	
9/16/2020	<0.1	
3/17/2021	<0.1	
8/9/2021	<0.1	
2/1/2022	<0.1	
8/16/2022	0.06 (J)	
2/16/2023	<0.1	
7/28/2023	<0.1	
2/22/2024		<0.1
8/8/2024		<0.1
2/27/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
3/28/2016	0.0326 (J)	
5/25/2016	0.0285 (J)	
8/1/2016	<0.1	
9/26/2016	<0.1	
11/11/2016	<0.1	
1/30/2017	<0.1	
4/3/2017	0.04 (J)	
6/12/2017	0.06 (J)	
10/2/2017	<0.1	
3/16/2018	<0.1	
9/18/2018	<0.1	
3/19/2019	<0.1	
9/12/2019	<0.1	
3/11/2020	<0.1	
9/15/2020	<0.1	
3/17/2021	<0.1	
8/9/2021	<0.1	
2/2/2022	<0.1	
8/17/2022	0.063 (J)	
2/16/2023	<0.1	
7/28/2023	<0.1	
2/22/2024		<0.1
8/8/2024		<0.1
2/28/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
3/31/2016	0.0389 (J)	
5/26/2016	0.0375 (J)	
8/5/2016	0.03 (J)	
9/28/2016	<0.1	
11/22/2016	0.04 (J)	
2/7/2017	<0.1	
4/10/2017	<0.1	
6/14/2017	0.02 (J)	
10/4/2017	<0.1	
3/20/2018	<0.1	
9/18/2018	<0.1	
3/22/2019	0.045 (J)	
9/17/2019	<0.1	
3/12/2020	<0.1	
9/17/2020	<0.1	
3/18/2021	<0.1	
8/10/2021	<0.1	
2/4/2022	<0.1	
8/17/2022	0.094 (J)	
2/20/2023	<0.1	
7/31/2023	0.07 (J)	
2/27/2024		0.05 (J)
8/12/2024		<0.1
2/28/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
3/31/2016	0.0209 (J)	
5/26/2016	0.037 (J)	
8/3/2016	<0.1	
9/28/2016	0.05 (J)	
11/22/2016	0.04 (J)	
2/7/2017	<0.1	
4/10/2017	<0.1	
6/14/2017	<0.1	
10/4/2017	<0.1	
3/21/2018	<0.1	
9/18/2018	<0.1	
3/22/2019	<0.1	
9/17/2019	<0.1	
3/12/2020	<0.1	
9/17/2020	<0.1	
3/18/2021	<0.1	
8/11/2021	<0.1	
2/4/2022	<0.1	
8/18/2022	0.051 (J)	
2/20/2023	<0.1	
7/31/2023	<0.1	
2/27/2024		<0.1
8/12/2024		<0.1
3/3/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
4/4/2016	0.0357 (J)	
5/26/2016	0.042 (J)	
8/3/2016	0.04 (J)	
9/28/2016	<0.1	
11/22/2016	0.06 (J)	
2/8/2017	0.05 (J)	
4/10/2017	<0.1	
6/15/2017	0.03 (J)	
10/4/2017	<0.1	
3/21/2018	<0.1	
9/18/2018	<0.1	
3/23/2019	<0.1	
9/17/2019	<0.1	
3/12/2020	<0.1	
9/21/2020	<0.1	
3/19/2021	<0.1	
8/11/2021	<0.1	
2/4/2022	<0.1	
8/18/2022	<0.1	
2/20/2023	<0.1	
8/1/2023	0.05 (J)	
2/28/2024		0.06 (J)
8/13/2024		<0.1
3/4/2025		0.065 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
4/4/2016	0.022 (J)	
5/26/2016	0.023 (J)	
8/4/2016	0.05 (J)	
9/28/2016	<0.1	
11/22/2016	0.04 (J)	
2/8/2017	<0.1	
4/10/2017	<0.1	
6/15/2017	<0.1	
10/4/2017	<0.1	
3/22/2018	<0.1	
9/18/2018	<0.1	
3/23/2019	<0.1	
9/17/2019	<0.1	
3/12/2020	<0.1	
9/21/2020	<0.1	
3/19/2021	<0.1	
8/11/2021	<0.1	
2/4/2022	<0.1	
8/18/2022	<0.1	
2/20/2023	<0.1	
8/1/2023	<0.1	
2/28/2024		<0.1
8/12/2024		<0.1
3/3/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
4/4/2016	0.035 (J)	
5/27/2016	0.032 (J)	
8/3/2016	<0.1	
9/30/2016	<0.1	
11/22/2016	0.03 (J)	
2/13/2017	<0.1	
4/11/2017	<0.1	
6/14/2017	0.01 (J)	
10/4/2017	<0.1	
3/22/2018	<0.1	
9/18/2018	<0.1	
3/23/2019	<0.1	
9/17/2019	<0.1 (D)	
3/12/2020	<0.1	
9/21/2020	<0.1	
3/19/2021	<0.1	
8/11/2021	<0.1	
2/2/2022	<0.1	
8/18/2022	0.052 (J)	
2/21/2023	0.054 (J)	
8/1/2023	<0.1	
2/27/2024		<0.1
8/12/2024		<0.1
3/4/2025		0.057 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
4/4/2016	0.026 (J)	
5/31/2016	0.0234 (J)	
8/4/2016	0.09 (J)	
9/29/2016	<0.1	
11/28/2016	0.08 (J)	
2/9/2017	0.24 (J)	
4/12/2017	<0.1	
6/16/2017	0.04 (J)	
10/9/2017	<0.1	
3/21/2018	<0.1	
9/19/2018	<0.1	
3/23/2019	<0.1	
9/18/2019	<0.1	
3/13/2020	<0.1	
9/22/2020	<0.1	
3/18/2021	<0.1	
8/11/2021	<0.1	
2/17/2022	<0.1	
8/18/2022	0.061 (J)	
2/22/2023	0.06 (J)	
8/1/2023	<0.1	
2/27/2024		<0.1
8/12/2024		<0.1
3/3/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
4/4/2016	0.044 (J)	
6/1/2016	0.0338 (J)	
2/22/2017	0.22 (J)	
4/11/2017	0.16 (J)	
6/16/2017	0.2 (J)	
7/12/2017	0.2 (J)	
7/28/2017	0.18 (J)	
8/10/2017	<0.3	
10/6/2017	0.14 (J)	
3/23/2018	0.24 (J)	
9/20/2018	<0.3	
3/22/2019	0.12 (J)	
9/18/2019	0.17 (X)	
3/17/2020	0.11 (J)	
9/22/2020	0.1 (J)	
3/19/2021	0.12	
8/12/2021	0.11	
2/4/2022	0.13	
8/19/2022	0.14	
2/22/2023	0.15	
8/2/2023	0.14	
2/28/2024		0.14
8/13/2024		0.12
3/4/2025		0.16

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
4/5/2016	0.019 (J)	
6/1/2016	0.0148 (J)	
8/9/2016	0.04 (J)	
11/28/2016	0.07 (J)	
2/9/2017	0.08 (J)	
4/11/2017	<0.1	
6/14/2017	0.01 (J)	
7/12/2017	0.05 (J)	
10/5/2017	<0.1	
3/22/2018	<0.1	
9/19/2018	<0.1	
3/22/2019	<0.1	
9/17/2019	<0.1	
3/13/2020	<0.1	
9/21/2020	<0.1	
3/18/2021	<0.1	
8/11/2021	<0.1	
2/4/2022	<0.1	
8/18/2022	<0.1	
2/22/2023	<0.1	
8/1/2023	<0.1	
2/28/2024		<0.1
8/13/2024		<0.1
3/3/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
4/5/2016	0.027 (J)	
5/31/2016	0.0233 (J)	
8/4/2016	<0.1	
9/29/2016	<0.1	
11/23/2016	0.04 (J)	
2/10/2017	<0.1	
4/12/2017	<0.1	
6/15/2017	0.06 (J)	
10/6/2017	<0.1	
3/23/2018	<0.1	
9/19/2018	<0.1	
3/25/2019	<0.1	
9/17/2019	<0.1	
3/13/2020	<0.1	
9/21/2020	<0.1	
3/18/2021	<0.1	
8/11/2021	<0.1	
2/4/2022	<0.1	
8/19/2022	0.054 (J)	
2/22/2023	0.05 (J)	
8/2/2023	<0.1	
2/28/2024		<0.1
8/13/2024		<0.1
3/3/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
4/5/2016	0.053 (J)	
5/31/2016	0.0669 (J)	
11/23/2016	0.03 (J)	
2/10/2017	<0.1	
4/11/2017	<0.1	
6/15/2017	0.02 (J)	
7/12/2017	0.04 (J)	
7/26/2017	0.03 (J)	
10/6/2017	<0.1	
3/23/2018	<0.1	
9/19/2018	<0.1	
3/22/2019	<0.1	
9/17/2019	<0.1	
3/13/2020	<0.1	
9/21/2020	<0.1	
3/18/2021	<0.1	
8/11/2021	<0.1	
2/7/2022	<0.1	
8/19/2022	0.053 (J)	
2/22/2023	<0.1	
8/1/2023	<0.1	
2/28/2024		<0.1
8/13/2024		<0.1
3/3/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	0.0657 (J)	
5/16/2016	0.0415 (J)	
7/25/2016	0.14 (J)	
9/19/2016	<0.1	
11/3/2016	0.06 (J)	
1/19/2017	0.009 (J)	
3/28/2017	0.04 (J)	
6/5/2017	0.06 (J)	
7/20/2017	0.21 (J)	
9/26/2017	0.14 (J)	
3/15/2018	0.11 (J)	
9/12/2018	0.062 (J)	
3/14/2019	0.13 (X)	
9/11/2019	<0.1	
3/10/2020	0.13 (J)	
9/15/2020	<0.1	
3/11/2021	<0.1	
8/4/2021	<0.1	
1/31/2022	<0.1	
8/15/2022	0.056 (J)	
2/14/2023	0.075 (J)	
7/26/2023	<0.1	
2/20/2024		<0.1
8/6/2024		<0.1
2/26/2025		0.059 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<0.1	
5/16/2016	<0.1 (D)	
7/25/2016	0.02 (JD)	
9/19/2016	<0.1 (D)	
11/4/2016	0.04 (JD)	
1/23/2017	0.006 (JD)	
3/29/2017	<0.1 (D)	
6/7/2017	<0.1	
9/27/2017	<0.1	
3/15/2018	<0.1	
9/13/2018	<0.1	
3/14/2019	<0.1 (D)	
9/11/2019	<0.1 (D)	
3/10/2020	<0.1	
9/11/2020	<0.1	
3/11/2021	<0.1	
8/6/2021	<0.1	
2/1/2022	<0.1	
8/12/2022	<0.1	
2/14/2023	<0.1	
7/26/2023	<0.1	
2/20/2024		<0.1
8/5/2024		<0.1
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	0.0167 (J)	
5/16/2016	0.0161 (JD)	
7/25/2016	0.14 (JD)	
9/19/2016	<0.1 (D)	
11/3/2016	0.08 (JD)	
1/20/2017	0.01 (JD)	
3/29/2017	<0.1 (D)	
6/7/2017	<0.1	
9/27/2017	<0.1	
3/15/2018	<0.1	
9/13/2018	<0.1	
3/14/2019	0.039 (XJD)	
9/11/2019	<0.1 (D)	
3/10/2020	<0.1	
9/11/2020	<0.1	
3/11/2021	<0.1	
8/6/2021	<0.1	
2/1/2022	<0.1	
8/12/2022	0.063 (J)	
2/14/2023	<0.1	
7/26/2023	<0.1	
2/20/2024		<0.1
8/5/2024		<0.1
2/26/2025		0.055 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	0.0235 (J)	
5/17/2016	0.0281 (J)	
7/26/2016	<0.1	
9/20/2016	<0.1	
11/4/2016	0.05 (J)	
1/20/2017	0.01 (J)	
3/28/2017	<0.1	
6/7/2017	<0.1	
9/29/2017	<0.1	
3/15/2018	<0.1	
9/13/2018	<0.1	
3/18/2019	<0.1	
9/11/2019	<0.1	
3/10/2020	<0.1	
9/14/2020	<0.1	
3/11/2021	<0.1	
8/5/2021	<0.1	
1/31/2022	<0.1	
8/15/2022	0.06 (J)	
2/14/2023	0.091 (J)	
7/26/2023	<0.1	
2/21/2024		<0.1
8/5/2024		<0.1
2/26/2025		0.053 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	0.0439 (J)	
5/18/2016	0.059 (J)	
7/27/2016	0.1 (J)	
9/20/2016	0.04 (J)	
11/7/2016	0.1 (J)	
1/23/2017	0.13 (J)	
3/29/2017	0.04 (J)	
6/8/2017	0.05 (J)	
9/27/2017	0.04 (J)	
3/15/2018	<0.1	
9/13/2018	0.047 (J)	
3/15/2019	<0.1	
9/12/2019	<0.1	
3/9/2020	<0.1	
9/14/2020	<0.1	
3/11/2021	<0.1	
8/5/2021	<0.1	
2/1/2022	<0.1	
8/15/2022	0.058 (J)	
2/14/2023	0.064 (J)	
7/27/2023	<0.1	
2/21/2024		0.059 (J)
8/5/2024		<0.1
2/26/2025		0.073 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	0.0551 (J)	
5/18/2016	0.065 (J)	
7/27/2016	0.09 (J)	
9/20/2016	<0.1	
11/4/2016	0.04 (J)	
1/20/2017	0.009 (J)	
3/29/2017	<0.1	
6/8/2017	<0.1 (*)	
9/27/2017	<0.1	
3/16/2018	0.13 (J)	
9/13/2018	<0.1	
3/19/2019	<0.1	
9/11/2019	<0.1	
3/9/2020	<0.1	
9/15/2020	<0.1	
3/11/2021	<0.1	
8/5/2021	<0.1	
2/1/2022	<0.1	
8/15/2022	0.069 (J)	
2/14/2023	0.081 (J)	
7/27/2023	<0.1	
2/21/2024		0.095 (J)
8/5/2024		<0.1
2/26/2025		0.063 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	0.0195 (J)	
5/17/2016	0.0156 (J)	
7/27/2016	<0.1	
9/20/2016	0.03 (J)	
11/4/2016	0.06 (J)	
1/23/2017	0.02 (J)	
3/28/2017	<0.1	
6/8/2017	0.06 (J)	
9/29/2017	<0.1	
3/15/2018	<0.1	
9/13/2018	<0.1	
3/15/2019	<0.1	
9/11/2019	<0.1	
3/9/2020	<0.1	
9/14/2020	<0.1	
3/11/2021	<0.1	
8/4/2021	<0.1	
1/31/2022	<0.1	
8/15/2022	0.065 (J)	
2/14/2023	0.058 (J)	
7/26/2023	0.068 (J)	
2/21/2024		0.065 (J)
8/5/2024		<0.1
2/26/2025		0.085 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	0.0257 (J)	
5/18/2016	0.022 (J)	
7/27/2016	0.07 (J)	
9/21/2016	<0.1	
11/4/2016	0.03 (J)	
1/24/2017	<0.1	
3/29/2017	<0.1	
6/8/2017	<0.1 (*)	
9/29/2017	<0.1	
3/15/2018	<0.1	
9/13/2018	<0.1	
3/18/2019	<0.1	
9/11/2019	<0.1	
3/11/2020	<0.1	
9/11/2020	<0.1	
3/15/2021	<0.1	
8/11/2021	<0.1	
2/1/2022	<0.1	
8/15/2022	<0.1	
2/14/2023	<0.1	
7/27/2023	<0.1	
2/21/2024		<0.1
8/6/2024		0.05 (J)
2/26/2025		0.05 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	0.017 (J)	
5/18/2016	0.015 (J)	
7/28/2016	0.08 (J)	
9/21/2016	<0.1	
11/7/2016	<0.1	
1/24/2017	<0.1	
3/30/2017	<0.1	
6/9/2017	<0.1	
9/29/2017	<0.1	
3/15/2018	<0.1	
9/14/2018	<0.1	
3/19/2019	<0.1	
9/11/2019	<0.1	
3/9/2020	<0.1	
9/14/2020	<0.1	
3/15/2021	<0.1	
8/5/2021	<0.1	
2/1/2022	<0.1	
8/15/2022	<0.1	
2/14/2023	<0.1	
7/27/2023	<0.1	
2/21/2024		<0.1
8/6/2024		<0.1
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
3/28/2016	0.0284 (J)	
5/25/2016	0.0207 (J)	
8/1/2016	<0.1	
9/27/2016	<0.1	
11/11/2016	0.04 (J)	
1/31/2017	<0.1	
4/3/2017	<0.1	
6/12/2017	0.02 (J)	
10/3/2017	<0.1	
3/19/2018	<0.1	
9/17/2018	<0.1	
3/20/2019	<0.1	
9/16/2019	<0.1	
3/16/2020	<0.1	
9/16/2020	<0.1	
3/17/2021	<0.1	
8/9/2021	<0.1	
2/2/2022	<0.1	
8/16/2022	0.062 (J)	
2/20/2023	<0.1	
7/28/2023	<0.1	
2/26/2024		<0.1
8/8/2024		<0.1
2/27/2025		0.05 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
3/29/2016	0.0239 (J)	
5/24/2016	0.023 (J)	
8/1/2016	<0.1	
9/26/2016	<0.1	
11/18/2016	0.02 (J)	
2/1/2017	<0.1	
4/6/2017	<0.1	
6/13/2017	0.006 (J)	
10/3/2017	<0.1	
3/19/2018	<0.1	
9/17/2018	<0.1	
3/21/2019	<0.1	
9/16/2019	<0.1	
3/12/2020	<0.1	
9/16/2020	<0.1	
3/17/2021	<0.1	
8/10/2021	<0.1	
2/2/2022	<0.1	
8/17/2022	0.064 (J)	
2/17/2023	<0.1	
7/31/2023	<0.1	
2/26/2024		<0.1
8/8/2024		0.052 (J)
2/27/2025		0.052 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
3/29/2016	0.0364 (J)	
5/24/2016	0.0286 (J)	
8/1/2016	0.08 (J)	
9/26/2016	<0.1	
11/14/2016	0.08 (J)	
2/1/2017	<0.1	
4/6/2017	<0.1	
6/13/2017	0.05 (J)	
10/3/2017	<0.1	
3/20/2018	<0.1	
9/17/2018	<0.1	
3/21/2019	<0.1	
9/16/2019	<0.1	
3/12/2020	<0.1	
9/16/2020	<0.1	
3/17/2021	<0.1	
8/10/2021	<0.1	
2/2/2022	<0.1	
8/17/2022	0.07 (J)	
2/17/2023	0.052 (J)	
7/28/2023	<0.1	
2/26/2024		<0.1
8/8/2024		0.055 (J)
2/27/2025		0.057 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	0.043 (J)	
8/2/2016	<0.1	
9/27/2016	<0.1	
11/21/2016	0.22 (J)	
2/1/2017	<0.1	
4/6/2017	0.008 (J)	
6/13/2017	0.03 (J)	
7/14/2017	0.05 (J)	
10/3/2017	0.06 (J)	
3/20/2018	<0.1	
9/18/2018	<0.1	
3/21/2019	<0.1	
9/13/2019	<0.1	
3/12/2020	<0.1	
9/16/2020	<0.1	
3/17/2021	<0.1	
8/10/2021	<0.1	
2/2/2022	<0.1	
8/17/2022	0.073 (J)	
2/20/2023	0.057 (J)	
7/31/2023	<0.1	
2/26/2024		<0.1
8/8/2024		0.063 (J)
2/27/2025		0.062 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
3/30/2016	0.0228 (J)	
5/24/2016	0.019 (J)	
8/2/2016	<0.1	
9/27/2016	<0.1	
11/22/2016	0.02 (J)	
2/6/2017	<0.1	
4/6/2017	<0.1	
6/14/2017	<0.1	
10/4/2017	<0.1	
3/21/2018	<0.1	
9/18/2018	<0.1	
3/27/2019	<0.1	
9/16/2019	<0.1 (D)	
3/12/2020	<0.1	
9/17/2020	<0.1	
3/17/2021	<0.1	
8/10/2021	<0.1	
2/2/2022	<0.1	
8/17/2022	0.062 (J)	
2/21/2023	0.057 (J)	
7/31/2023	<0.1	
2/27/2024		<0.1
8/12/2024		<0.1
3/4/2025		0.055 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
3/22/2016	0.048 (J)	
5/25/2016	0.0345 (J)	
8/2/2016	0.08 (J)	
9/26/2016	0.07 (J)	
11/21/2016	0.07 (J)	
2/3/2017	<0.1	
4/7/2017	0.03 (J)	
6/13/2017	0.05 (J)	
10/3/2017	0.1 (J)	
3/20/2018	<0.1	
9/18/2018	<0.1	
5/6/2019	<0.1	
9/16/2019	<0.1	
3/16/2020	<0.1	
9/17/2020	<0.1	
3/18/2021	<0.1	
8/10/2021	<0.1	
2/2/2022	<0.1	
8/17/2022	0.062 (J)	
2/20/2023	0.061 (J)	
7/31/2023	0.056 (J)	
2/26/2024		<0.1
8/12/2024		<0.1
2/28/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
3/30/2016	0.0241 (J)	
5/26/2016	0.0307 (J)	
8/5/2016	<0.1	
9/28/2016	<0.1	
11/21/2016	0.05 (J)	
2/6/2017	<0.1	
4/6/2017	<0.1	
6/13/2017	<0.1	
10/3/2017	<0.1	
3/20/2018	<0.1	
9/18/2018	<0.1 (D)	
3/21/2019	<0.1	
9/16/2019	<0.1	
3/12/2020	<0.1	
9/17/2020	<0.1	
3/18/2021	<0.1	
8/10/2021	<0.1	
2/2/2022	<0.1	
8/17/2022	0.067 (J)	
2/21/2023	<0.1	
7/31/2023	<0.1	
2/27/2024		<0.1
8/12/2024		<0.1
2/28/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
3/22/2016	2.3685	
5/19/2016	2.14	
7/29/2016	1.9	
9/23/2016	2	
11/9/2016	1.6	
1/30/2017	1.8	
3/30/2017	1.6	
6/9/2017	1.7	
10/2/2017	1.8	
3/16/2018	1.5	
9/17/2018	1.3 (D)	
3/20/2019	1.5	
9/12/2019	0.98 (J)	
3/11/2020	0.94 (J)	
9/15/2020	0.96 (J)	
3/16/2021	0.99 (J)	
8/9/2021	1.3	
2/1/2022	0.93 (J)	
8/16/2022	0.78 (J)	
2/16/2023	1.1	
7/27/2023	1.4	
2/22/2024		1
8/7/2024		1.1
2/27/2025		0.88 (J)

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
3/23/2016	105.552	
5/20/2016	44.3	
7/29/2016	48	
9/23/2016	43	
11/9/2016	31	
1/31/2017	4.2	
3/30/2017	53	
6/12/2017	95	
10/2/2017	3.5	
3/19/2018	147	
9/14/2018	7.7	
3/20/2019	3.6	
9/12/2019	5.2	
3/11/2020	131	
9/15/2020	35.3	
3/17/2021	90.7	
8/9/2021	84.7	
2/1/2022	86.1	
8/16/2022	58.5	
2/16/2023	115	
7/27/2023	44	
2/22/2024		82
8/7/2024		47.5
2/27/2025		74.4

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
3/23/2016	26.8249	
5/19/2016	3.81	
7/29/2016	1.1	
9/22/2016	0.96 (J)	
11/10/2016	0.72 (J)	
1/31/2017	1.5	
4/3/2017	1.3	
6/9/2017	1.2	
10/2/2017	1.7	
3/16/2018	14.8 (J)	
9/14/2018	2.1	
3/19/2019	32.5 (J)	
9/13/2019	3.8	
3/11/2020	34.3	
9/15/2020	1	
3/16/2021	3.3	
8/9/2021	1.6	
2/1/2022	1.5	
8/16/2022	7.8	
2/16/2023	38.9	
7/27/2023	17.6	
2/26/2024		20.9
8/6/2024		5.8
2/27/2025		41.5

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	2.4 (D)	
7/27/2016	3.6 (D)	
2/21/2017	26 (D)	
3/27/2017	10 (D)	
6/8/2017	6.7 (D)	
7/17/2017	6.4 (D)	
7/27/2017	18 (D)	
8/9/2017	18 (D)	
9/29/2017	21 (D)	
3/16/2018	15.5	
9/14/2018	11.6	
3/14/2019	9.3	
9/10/2019	14	
3/9/2020	5.8	
9/16/2020	8.6	
3/16/2021	3.5	
8/6/2021	4.2	
2/2/2022	4.5	
8/16/2022	4.5	
2/14/2023	6.3	
7/25/2023	4.9	
2/19/2024		4
8/1/2024		3.3
2/26/2025		2.4

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	4.2598	
5/11/2016	6.05	
7/19/2016	9.5	
9/15/2016	6.7	
11/2/2016	5.4	
1/18/2017	5.5	
3/28/2017	2.9	
6/7/2017	2.3	
9/26/2017	3.2	
3/14/2018	3.8	
9/12/2018	3.7	
3/15/2019	3	
9/9/2019	2.4	
3/9/2020	0.84 (J)	
9/10/2020	0.95 (J)	
3/12/2021	2	
8/4/2021	1.3	
1/31/2022	1.2	
8/10/2022	1.3	
2/13/2023	1.7	
7/26/2023	1.5	
2/19/2024		1.1
8/1/2024		1.2
2/25/2025		1.2

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
3/23/2016	0.8724 (J)	
5/23/2016	0.805 (J)	
7/29/2016	0.84 (J)	
9/22/2016	0.94 (J)	
11/10/2016	1.1	
1/31/2017	0.92 (J)	
3/30/2017	0.77 (J)	
6/12/2017	0.68 (J)	
10/4/2017	0.5 (J)	
3/19/2018	0.49 (J)	
9/17/2018	0.36 (J)	
3/20/2019	0.38 (J)	
9/13/2019	<1	
3/11/2020	<1	
3/29/2021	5.4	
8/9/2021	5	
2/2/2022	3.4	
8/16/2022	3.5	
2/17/2023	2.5	
8/1/2023	3	
2/22/2024	1.9	
8/8/2024	3.9	
2/26/2025		1.7

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	1.2104	
5/11/2016	1.28	
7/21/2016	0.91 (J)	
9/19/2016	1.3	
11/3/2016	1.5	
1/17/2017	<1.2 (*)	
3/24/2017	0.86 (J)	
5/24/2017	1.2	
9/26/2017	4.2	
12/28/2017	7.4 (Y)	
3/14/2018	3.8	
9/12/2018	1.7	
3/13/2019	2.1	
9/9/2019	1.6	
3/9/2020	1.2	
9/11/2020	1.3	
3/10/2021	1.5	
8/4/2021	1.4	
1/31/2022	1.2	
8/12/2022	1.2	
2/13/2023	1.4	
7/26/2023	1.4	
2/19/2024		1.2
8/1/2024		1.5
2/25/2025		0.71 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	4.9347	
5/12/2016	2.3	
7/20/2016	2	
9/15/2016	1.1	
11/3/2016	1.6	
1/18/2017	1.5	
3/24/2017	1.6	
6/6/2017	4.1	
9/25/2017	1.9	
3/14/2018	11.5	
9/12/2018	1.8	
3/14/2019	6.2	
9/10/2019	1.2	
3/6/2020	10	
9/10/2020	1.7	
3/11/2021	6.1	
8/4/2021	1.7	
1/31/2022	1.8	
8/11/2022	1.9	
2/13/2023	6	
7/25/2023	1.1	
2/19/2024		4.2
8/1/2024		0.75 (J)
2/25/2025		5

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	6.4987	
5/13/2016	3.68	
7/21/2016	4.5	
9/21/2016	2.8	
11/3/2016	6.7	
1/17/2017	<1.1 (*)	
3/27/2017	0.85 (J)	
6/6/2017	6.1	
9/25/2017	3.5	
3/14/2018	10.9 (J)	
9/12/2018	3.7	
3/14/2019	8.9	
9/10/2019	8.4	
3/9/2020	8.5	
9/10/2020	5.9	
3/10/2021	8.4	
8/4/2021	6.4	
1/31/2022	8.5	
8/11/2022	4.7	
2/13/2023	10.2	
7/25/2023	3	
2/19/2024		9.6
8/1/2024		2.7
2/25/2025		5.8

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	1.4538	
5/16/2016	1.18	
7/22/2016	1.8	
9/19/2016	1.4	
11/3/2016	1.6	
1/17/2017	<1.8 (*)	
3/27/2017	2	
6/7/2017	1.9	
9/26/2017	2	
3/14/2018	2.1	
9/14/2018	1.6	
3/14/2019	2.2	
9/10/2019	1.2	
3/6/2020	1.7	
9/10/2020	0.95 (J)	
3/11/2021	1.6	
8/4/2021	1.4	
1/31/2022	1.1	
8/10/2022	1	
2/13/2023	1.6	
7/26/2023	1.1	
2/20/2024		1.2
8/1/2024		1.1
2/25/2025		1.2

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	1.1313	
5/13/2016	1.96	
7/19/2016	1.3	
9/16/2016	1.1	
11/2/2016	1.2	
1/18/2017	0.84 (J)	
3/28/2017	0.7 (J)	
6/6/2017	0.47 (J)	
9/22/2017	0.59 (J)	
3/14/2018	0.39 (J)	
9/12/2018	0.3 (J)	
3/13/2019	0.43 (X)	
9/11/2019	<1	
3/9/2020	<1	
9/11/2020	<1	
3/11/2021	<1	
8/6/2021	<1	
1/31/2022	<1	
8/11/2022	<1	
2/14/2023	<1	
7/25/2023	<1	
2/20/2024		<1
8/2/2024		<1
2/25/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	3.8282	
5/13/2016	3.56	
7/19/2016	5.6	
9/16/2016	6.7	
11/2/2016	8.1	
1/18/2017	8.9	
3/28/2017	8.2	
6/6/2017	7	
9/22/2017	8.3	
3/15/2018	5.1	
9/12/2018	5.6	
3/13/2019	4.4	
9/11/2019	5	
3/9/2020	3.9	
9/14/2020	4.9	
3/11/2021	4.3	
8/5/2021	2.9	
1/31/2022	2.5	
8/10/2022	2.5	
2/13/2023	2.5	
7/25/2023	2.6	
2/20/2024		2.8
8/2/2024		3.2
2/25/2025		2.1

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	22 (D)	
4/7/2017	18 (D)	
6/14/2017	20 (D)	
7/12/2017	18 (D)	
7/20/2017	20 (D)	
7/28/2017	18 (D)	
8/9/2017	19 (D)	
8/24/2017	21 (D)	
10/3/2017	25 (D)	
12/28/2017	26 (Y)	
3/21/2018	25.4	
9/18/2018	22.8	
3/21/2019	24.9 (D)	
9/12/2019	16.5 (D)	
3/12/2020	20.8	
9/17/2020	20.3	
3/16/2021	22.1	
8/10/2021	20.7	
2/3/2022	20.7	
8/17/2022	18.1	
2/17/2023	21.2	
7/28/2023	19.6	
2/27/2024		23.2
8/8/2024		12.2
2/28/2025		22.4

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
3/28/2016	0.7283 (J)	
5/23/2016	0.728 (J)	
8/1/2016	0.78 (J)	
9/26/2016	0.82 (J)	
11/10/2016	0.92 (J)	
1/30/2017	<1	
4/7/2017	0.82 (J)	
6/12/2017	0.78 (J)	
10/2/2017	0.71 (J)	
3/16/2018	0.67 (J)	
9/17/2018	0.47 (J)	
3/19/2019	0.52 (J)	
9/13/2019	0.55 (J)	
3/11/2020	<1	
9/16/2020	<1	
3/17/2021	<1	
8/9/2021	<1	
2/1/2022	<1	
8/16/2022	<1	
2/16/2023	<1	
7/28/2023	0.53 (J)	
2/22/2024		<1
8/8/2024		0.53 (J)
2/27/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
3/28/2016	0.9594 (J)	
5/25/2016	1.59	
8/1/2016	1	
9/26/2016	1.2	
11/11/2016	1.2	
1/30/2017	<1	
4/3/2017	1.3	
6/12/2017	1.1	
10/2/2017	1.1	
3/16/2018	0.87 (J)	
9/18/2018	0.87 (J)	
3/19/2019	0.97 (J)	
9/12/2019	0.8 (J)	
3/11/2020	0.85 (J)	
9/15/2020	0.54 (J)	
3/17/2021	0.86 (J)	
8/9/2021	0.77 (J)	
2/2/2022	0.53 (J)	
8/17/2022	0.55 (J)	
2/16/2023	0.58 (J)	
7/28/2023	0.71 (J)	
2/22/2024		<1
8/8/2024		0.69 (J)
2/28/2025		0.51 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
3/31/2016	1.17	
5/26/2016	1.01	
8/5/2016	1.1	
9/28/2016	1	
11/22/2016	1.8	
2/7/2017	1.7	
4/10/2017	1.9	
6/14/2017	1.1	
10/4/2017	1.8	
3/20/2018	1.4	
9/18/2018	1.6	
3/22/2019	1.6	
9/17/2019	1.2	
3/12/2020	1.3	
9/17/2020	0.87 (J)	
3/18/2021	1.2	
8/10/2021	1.3	
2/4/2022	1.2	
8/17/2022	1.1	
2/20/2023	1.5	
7/31/2023	1.6	
2/27/2024		0.65 (J)
8/12/2024		2.3
2/28/2025		1.1

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
3/31/2016	1.5	
5/26/2016	1.51	
8/3/2016	1.4	
9/28/2016	1.6	
11/22/2016	1.6	
2/7/2017	2	
4/10/2017	1.7	
6/14/2017	1.4	
10/4/2017	1.4	
3/21/2018	1.1	
9/18/2018	1.9	
3/22/2019	1.3	
9/17/2019	1.6	
3/12/2020	0.99 (J)	
9/17/2020	0.95 (J)	
3/18/2021	0.96 (J)	
8/11/2021	1	
2/4/2022	1.1	
8/18/2022	1.5 (J)	
2/20/2023	1.5	
7/31/2023	1.3	
2/27/2024		0.8 (J)
8/12/2024		1.3
3/3/2025		0.9 (J)

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
4/4/2016	2.57	
5/26/2016	2.5	
8/3/2016	3	
9/28/2016	2.3	
11/22/2016	3.8	
2/8/2017	3.1	
4/10/2017	2.5	
6/15/2017	2.5	
10/4/2017	2.5	
3/21/2018	2.4	
9/18/2018	2.8	
3/23/2019	2.1	
9/17/2019	2.6	
3/12/2020	1.8	
9/21/2020	2	
3/19/2021	1.9	
8/11/2021	1.4	
2/4/2022	1.7	
8/18/2022	1.6	
2/20/2023	1.7	
8/1/2023	2.1	
2/28/2024		1.8
8/13/2024		1 (J)
3/4/2025		1.6

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
4/4/2016	2.99	
5/26/2016	2.68	
8/4/2016	3.6	
9/28/2016	4.4	
11/22/2016	3.8	
2/8/2017	2.7	
4/10/2017	2.2	
6/15/2017	2.3	
10/4/2017	2.8	
3/22/2018	2.2	
9/18/2018	2.6	
3/23/2019	2.1	
9/17/2019	2	
3/12/2020	1.5	
9/21/2020	1.8	
3/19/2021	1.5	
8/11/2021	1.5	
2/4/2022	1.5	
8/18/2022	1.9	
2/20/2023	1.8	
8/1/2023	1.9	
2/28/2024		1.3
8/12/2024		1.8
3/3/2025		1.4

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
4/4/2016	0.3574 (J)	
5/27/2016	<1	
8/3/2016	0.35 (J)	
9/30/2016	0.47 (J)	
11/22/2016	0.36 (J)	
2/13/2017	0.79 (J)	
4/11/2017	0.42 (J)	
6/14/2017	0.3 (J)	
10/4/2017	0.36 (J)	
3/22/2018	0.3 (J)	
9/18/2018	<1	
3/23/2019	0.3 (J)	
9/17/2019	<1 (D)	
3/12/2020	<1	
9/21/2020	<1	
3/19/2021	<1	
8/11/2021	<1	
2/2/2022	<1	
8/18/2022	<1	
2/21/2023	<1	
8/1/2023	<1	
2/27/2024		<1
8/12/2024		<1
3/4/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
4/4/2016	24.8	
5/31/2016	42.5	
8/4/2016	91	
9/29/2016	110	
11/28/2016	120	
2/9/2017	150	
4/12/2017	120	
6/16/2017	120	
10/9/2017	130	
3/21/2018	59.1	
9/19/2018	64.5	
3/23/2019	15.5 (J)	
9/18/2019	50.7	
3/13/2020	16.9	
9/22/2020	39.6	
3/18/2021	19.3	
8/11/2021	9.7	
2/17/2022	6.9	
8/18/2022	16	
2/22/2023	8.7	
8/1/2023	28.8	
2/27/2024		20.2
8/12/2024		32.8
3/3/2025		15.6

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
4/4/2016	17.5 (o)	
6/1/2016	20.9 (o)	
2/22/2017	48	
4/11/2017	41	
6/16/2017	33	
7/12/2017	58	
7/28/2017	55	
8/10/2017	66	
10/6/2017	77	
3/23/2018	75.8	
9/20/2018	72.2	
3/22/2019	57.9	
9/18/2019	68.1	
3/17/2020	72.1	
9/22/2020	69.8	
3/19/2021	74.2	
8/12/2021	56.7	
2/4/2022	63.1	
8/19/2022	65.7	
2/22/2023	59.7	
8/2/2023	55.5	
2/28/2024		58.7
8/13/2024		55.6
3/4/2025		51.8

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
4/5/2016	1.65	
6/1/2016	1.75	
11/28/2016	2.7	
2/9/2017	2.7	
4/11/2017	4.9	
6/14/2017	2.4	
7/12/2017	4.1	
10/5/2017	1.6	
3/22/2018	2.5	
9/19/2018	1.7	
3/22/2019	6.2	
9/17/2019	6.1	
3/13/2020	11.1	
9/21/2020	5.5	
3/18/2021	7.8	
8/11/2021	6.9	
2/4/2022	6.4	
8/18/2022	9.2	
2/22/2023	10.7	
8/1/2023	6.6	
2/28/2024		6.8
8/13/2024		7
3/3/2025		6.4

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
4/5/2016	7.45	
5/31/2016	7.29	
8/4/2016	7.6	
9/29/2016	6.1	
11/23/2016	10	
2/10/2017	6.7	
4/12/2017	9.2	
6/15/2017	9.2	
10/6/2017	10	
3/23/2018	10.6	
9/19/2018	10.4	
3/25/2019	11.2	
9/17/2019	13.1	
3/13/2020	8.8	
9/21/2020	9	
3/18/2021	10.4	
8/11/2021	9.1	
2/4/2022	8.3	
8/19/2022	6.9	
2/22/2023	7.5	
8/2/2023	4.7	
2/28/2024		5.3
8/13/2024		1.9
3/3/2025		1.4

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
4/5/2016	10.1	
5/31/2016	12.1	
11/23/2016	1.3	
2/10/2017	4.2	
4/11/2017	3.2	
6/15/2017	2.5	
7/12/2017	6.9	
7/26/2017	2.9	
10/6/2017	6.6	
3/23/2018	1.6	
9/19/2018	2.6	
3/22/2019	2.1	
9/17/2019	1.6	
3/13/2020	1.1	
9/21/2020	0.9 (J)	
3/18/2021	0.76 (J)	
8/11/2021	0.65 (J)	
2/7/2022	0.64 (J)	
8/19/2022	0.87 (J)	
2/22/2023	0.81 (J)	
8/1/2023	0.73 (J)	
2/28/2024		<1
8/13/2024		<1
3/3/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	14.7828	
5/16/2016	10.2	
7/25/2016	8.4	
9/19/2016	2.5	
11/3/2016	3.3	
1/19/2017	3.2	
3/28/2017	16 (J)	
6/5/2017	38	
7/20/2017	48	
9/26/2017	18	
3/15/2018	32.4	
9/12/2018	16	
3/14/2019	79.7 (O)	
9/11/2019	19.8	
3/10/2020	48.5	
9/15/2020	23.1	
3/11/2021	35.5	
8/4/2021	35.1	
1/31/2022	29.7	
8/15/2022	27.6	
2/14/2023	33.8	
7/26/2023	8.1	
2/20/2024		18.6
8/6/2024		3.8
2/26/2025		16.1

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	0.6294 (J)	
5/16/2016	0.5151 (JD)	
7/25/2016	0.84 (J*D)	
9/19/2016	0.72 (JD)	
11/4/2016	0.75 (JD)	
1/23/2017	0.99 (JD)	
3/29/2017	1.5 (D)	
6/7/2017	0.63 (J)	
9/27/2017	1.2	
3/15/2018	0.75 (J)	
9/13/2018	1.3	
3/14/2019	0.72 (XJD)	
9/11/2019	<1 (D)	
3/10/2020	0.61 (J)	
9/11/2020	<1	
3/11/2021	<1	
8/6/2021	<1	
2/1/2022	<1	
8/12/2022	<1	
2/14/2023	<1	
7/26/2023	0.74 (J)	
2/20/2024		<1
8/5/2024		0.7 (J)
2/26/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	2.8721	
5/16/2016	2.27 (D)	
7/25/2016	2.6 (D)	
9/19/2016	2.8 (D)	
11/3/2016	2.6 (D)	
1/20/2017	2.8 (D)	
3/29/2017	3.1 (D)	
6/7/2017	3.2	
9/27/2017	2.5	
3/15/2018	2.9	
9/13/2018	2.3	
3/14/2019	4.3 (D)	
9/11/2019	2.6 (D)	
3/10/2020	5.2	
9/11/2020	2.8	
3/11/2021	4.2	
8/6/2021	4	
2/1/2022	6.1	
8/12/2022	3.6	
2/14/2023	10.1	
7/26/2023	3.5	
2/20/2024		3.7
8/5/2024		3.3
2/26/2025		3.3

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	5.7554	
5/17/2016	8.67	
7/26/2016	6.6	
9/20/2016	5.8	
11/4/2016	6.1	
1/20/2017	7	
3/28/2017	7.7	
6/7/2017	6.4	
9/29/2017	8.4	
3/15/2018	6.4	
9/13/2018	7.2	
3/18/2019	4.4	
9/11/2019	7	
3/10/2020	5.5	
9/14/2020	6.9	
3/11/2021	6.7	
8/5/2021	6	
1/31/2022	5.2	
8/15/2022	5.6	
2/14/2023	4.7	
7/26/2023	4	
2/21/2024		3.9
8/5/2024		4.8
2/26/2025		3.2

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	3.4409	
5/18/2016	4.09	
7/27/2016	4	
9/20/2016	4.3	
11/7/2016	4.1	
1/23/2017	5.1	
3/29/2017	5.2	
6/8/2017	3.8	
9/27/2017	4.3	
3/15/2018	3.7	
9/13/2018	4.8	
3/15/2019	4.2	
9/12/2019	4.7	
3/9/2020	4.3	
9/14/2020	4.3	
3/11/2021	4.7	
8/5/2021	4.3	
2/1/2022	4.3	
8/15/2022	8.4 (J)	
2/14/2023	4.3	
7/27/2023	5	
2/21/2024		5.9
8/5/2024		7
2/26/2025		7

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	9.1279	
5/18/2016	10.1	
7/27/2016	7	
9/20/2016	6.7	
11/4/2016	7.9	
1/20/2017	6.6	
3/29/2017	6.2	
6/8/2017	7.5	
9/27/2017	7.5	
3/16/2018	13.4	
9/13/2018	11.6	
3/19/2019	14.8	
9/11/2019	10.7	
3/9/2020	10.4	
9/15/2020	9.6	
3/11/2021	10.4	
8/5/2021	10.3	
2/1/2022	9.4	
8/15/2022	4.3	
2/14/2023	12.7	
7/27/2023	10.9	
2/21/2024		6.8
8/5/2024		7.9
2/26/2025		9.6

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	2.6569	
5/17/2016	2.39	
7/27/2016	<1.6 (*)	
9/20/2016	2.4	
11/4/2016	2.1	
1/23/2017	2.1	
3/28/2017	2.1	
6/8/2017	1.3	
9/29/2017	3.7	
12/28/2017	1.7 (Y)	
3/15/2018	0.76 (J)	
9/13/2018	1.6	
3/15/2019	1.7	
9/11/2019	0.86 (X)	
3/9/2020	1.6	
9/14/2020	5.4	
3/11/2021	15.4	
5/26/2021	20.2	
8/4/2021	1.5	
1/31/2022	1.2	
8/15/2022	10.4	
2/14/2023	3	
7/26/2023	5.3	
2/21/2024		8.5
8/5/2024		11.4
2/26/2025		14.8

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	3.4197	
5/18/2016	3.06	
7/27/2016	2.6	
9/21/2016	3.1	
11/4/2016	3.1	
1/24/2017	3	
3/29/2017	2.5	
6/8/2017	3.3	
9/29/2017	4.2	
12/28/2017	3.8 (Y)	
3/15/2018	3.1	
9/13/2018	3.6	
3/18/2019	5.8	
9/11/2019	5.7	
3/11/2020	3.3	
9/11/2020	2.1	
3/15/2021	2.6	
8/11/2021	2.4	
2/1/2022	2.5	
8/15/2022	2.5	
2/14/2023	1.8	
7/27/2023	2.3	
2/21/2024		1.8
8/6/2024		1.9
2/26/2025		1.4

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	5.3658	
5/18/2016	4.44	
7/28/2016	9.9	
9/21/2016	2.2	
11/7/2016	2.2	
1/24/2017	1.5	
3/30/2017	1.7	
6/9/2017	1.7	
9/29/2017	2.2	
3/15/2018	2.4	
9/14/2018	2.4	
3/19/2019	2.2	
9/11/2019	1.5	
3/9/2020	1.5	
9/14/2020	1.2	
3/15/2021	1.5	
8/5/2021	1.1	
2/1/2022	0.93 (J)	
8/15/2022	0.98 (J)	
2/14/2023	0.84 (J)	
7/27/2023	0.97 (J)	
2/21/2024		0.57 (J)
8/6/2024		0.82 (J)
2/26/2025		0.51 (J)

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
3/28/2016	1.87	
5/25/2016	1.41	
8/1/2016	1.5	
9/27/2016	1.4	
11/11/2016	1.5	
1/31/2017	1.8	
4/3/2017	1.5	
6/12/2017	2.1	
10/3/2017	1.4	
3/19/2018	1.3	
9/17/2018	1.3	
3/20/2019	1.3	
9/16/2019	1.2	
3/16/2020	1.1	
9/16/2020	1.1	
3/17/2021	1.1	
8/9/2021	1.2	
2/2/2022	1	
8/16/2022	1	
2/20/2023	1.4	
7/28/2023	1.4	
2/26/2024		1
8/8/2024		1.1
2/27/2025		0.74 (J)

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
3/29/2016	3.5801	
5/24/2016	2.79	
8/1/2016	2.2	
9/26/2016	1.8	
11/18/2016	1.8	
2/1/2017	2.8	
4/6/2017	<2.5	
6/13/2017	2.8	
10/3/2017	2.6	
3/19/2018	2.6	
9/17/2018	2.2	
3/21/2019	2.7	
9/16/2019	2	
3/12/2020	2.1	
9/16/2020	1.8	
3/17/2021	2.2	
8/10/2021	1.7	
2/2/2022	1.7	
8/17/2022	1.6	
2/17/2023	2	
7/31/2023	1.7	
2/26/2024		1.7
8/8/2024		1.6
2/27/2025		1.4

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
3/29/2016	1.4863	
5/24/2016	1.62	
8/1/2016	2.3	
9/26/2016	2.4	
11/14/2016	2.8	
2/1/2017	2.6	
4/6/2017	<2.3	
6/13/2017	2.2	
10/3/2017	2.6	
3/20/2018	2.5	
9/17/2018	2.5	
3/21/2019	1.7	
9/16/2019	1.6	
3/12/2020	1.4	
9/16/2020	1.3	
3/17/2021	1.8	
8/10/2021	1.4	
2/2/2022	1.5	
8/17/2022	1.2	
2/17/2023	1.8	
7/28/2023	1.7	
2/26/2024		1.5
8/8/2024		1.4
2/27/2025		1.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	2.03	
8/2/2016	0.96 (J)	
9/27/2016	0.87 (J)	
11/21/2016	0.93 (J)	
2/1/2017	0.76 (J)	
4/6/2017	<1	
6/13/2017	0.58 (J)	
7/14/2017	0.04 (J)	
10/3/2017	0.87 (J)	
3/20/2018	0.5 (J)	
9/18/2018	0.65 (J)	
3/21/2019	1.9	
9/13/2019	0.76 (J)	
3/12/2020	1.7	
9/16/2020	1.1	
3/17/2021	1.3	
8/10/2021	1.1	
2/2/2022	1.3	
8/17/2022	0.91 (J)	
2/20/2023	1.7	
7/31/2023	1.1	
2/26/2024		0.98 (J)
8/8/2024		0.97 (J)
2/27/2025		0.69 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
3/30/2016	1.9542	
5/24/2016	0.989 (J)	
8/2/2016	1	
9/27/2016	0.95 (J)	
11/22/2016	1.1	
2/6/2017	0.96 (J)	
4/6/2017	<1	
6/14/2017	0.97 (J)	
10/4/2017	0.84 (J)	
3/21/2018	1.2	
9/18/2018	0.9 (J)	
3/27/2019	1.5	
9/16/2019	0.69 (JD)	
3/12/2020	1.8	
9/17/2020	0.6 (J)	
3/17/2021	0.72 (J)	
8/10/2021	0.64 (J)	
2/2/2022	0.72 (J)	
8/17/2022	0.53 (J)	
2/21/2023	1.7	
7/31/2023	0.86 (J)	
2/27/2024		0.66 (J)
8/12/2024		0.88 (J)
3/4/2025		0.98 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
3/22/2016	3.9321	
5/25/2016	2.68	
8/2/2016	2.7	
9/26/2016	2.9	
11/21/2016	2.8	
2/3/2017	2.7	
4/7/2017	2.3	
6/13/2017	2	
10/3/2017	1.9	
3/20/2018	1.6	
9/18/2018	1.6	
5/6/2019	2.1	
9/16/2019	1	
3/16/2020	0.66 (J)	
9/17/2020	0.74 (J)	
3/18/2021	1.1	
8/10/2021	0.72 (J)	
2/2/2022	0.72 (J)	
8/17/2022	0.58 (J)	
2/20/2023	1.1	
7/31/2023	0.81 (J)	
2/26/2024		0.63 (J)
8/12/2024		0.54 (J)
2/28/2025		0.52 (J)

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
3/30/2016	2	
5/26/2016	2.93	
8/5/2016	3.6	
9/28/2016	3.2	
11/21/2016	3.3	
2/6/2017	1.3	
4/6/2017	<1.2	
6/13/2017	2	
10/3/2017	2.8	
3/20/2018	1.2	
9/18/2018	2.6	
3/21/2019	2.3	
9/16/2019	3	
3/12/2020	1.1	
9/17/2020	3.5	
3/18/2021	2.1	
8/10/2021	1.7	
2/2/2022	2.5	
8/17/2022	2.5	
2/21/2023	3	
7/31/2023	4.1	
2/27/2024		3.1
8/12/2024		5.4
2/28/2025		6.5

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1	GWA-1
3/22/2016	150	
5/19/2016	150	
7/29/2016	146	
9/23/2016	163	
11/9/2016	147	
1/30/2017	127	
3/30/2017	137	
6/9/2017	164	
10/2/2017	137	
3/16/2018	140	
9/17/2018	162	
3/20/2019	175	
9/12/2019	174	
3/11/2020	172	
9/15/2020	156	
3/16/2021	155	
8/9/2021	150	
2/1/2022	143	
8/16/2022	159	
2/16/2023	152 (J)	
7/27/2023	167	
2/22/2024		148
8/7/2024		179
2/27/2025		142

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2	GWA-2
3/23/2016	259	
5/20/2016	122	
7/29/2016	156	
9/23/2016	150	
11/9/2016	87	
1/31/2017	63	
3/30/2017	112	
6/12/2017	216	
10/2/2017	<25	
3/19/2018	295	
9/14/2018	30	
3/20/2019	49	
9/12/2019	44	
3/11/2020	309	
9/15/2020	28	
3/17/2021	211	
8/9/2021	207	
2/1/2022	202	
8/16/2022	182	
2/16/2023	267 (J)	
7/27/2023	177	
2/22/2024		210
8/7/2024		183
2/27/2025		211

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R	GWA-2R
3/23/2016	174	
5/19/2016	93	
7/29/2016	68	
9/22/2016	91	
11/10/2016	96	
1/31/2017	206	
4/3/2017	118	
6/9/2017	87	
10/2/2017	73	
3/16/2018	130	
9/14/2018	103	
3/19/2019	208	
9/13/2019	113	
3/11/2020	170	
9/15/2020	89	
3/16/2021	102	
8/9/2021	127	
2/1/2022	114	
8/16/2022	123	
2/16/2023	197 (J)	
7/27/2023	155	
2/26/2024		126
8/6/2024		105
2/27/2025		231

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ	GWA-39RZ
5/16/2016	114 (D)	
7/27/2016	107 (D)	
2/21/2017	229 (D)	
3/27/2017	239 (D)	
6/8/2017	179 (D)	
7/17/2017	180 (D)	
7/27/2017	190 (D)	
8/9/2017	153 (D)	
9/29/2017	173 (D)	
3/16/2018	150	
9/14/2018	165	
3/14/2019	154	
9/10/2019	181	
3/9/2020	173	
9/16/2020	156	
3/16/2021	142	
8/6/2021	133	
2/2/2022	143	
8/16/2022	125	
2/14/2023	149 (J)	
7/25/2023	158	
2/19/2024		177
8/1/2024		161
2/26/2025		156

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39Z	GWA-39Z
3/14/2016	106	
5/11/2016	58	
7/19/2016	46	
9/15/2016	41	
11/2/2016	37	
1/18/2017	29	
3/28/2017	40	
9/26/2017	107	
3/14/2018	126	
9/12/2018	134	
3/15/2019	107	
9/9/2019	93	
3/9/2020	58	
9/10/2020	16	
3/12/2021	55	
8/4/2021	60	
1/31/2022	61	
8/10/2022	50	
2/13/2023	105 (J)	
7/26/2023	57	
2/19/2024		63
8/1/2024		68
2/25/2025		91

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A	GWA-3A
3/23/2016	<25	
5/23/2016	<25	
7/29/2016	17 (J)	
9/22/2016	33	
11/10/2016	41	
1/31/2017	58	
3/30/2017	<25	
6/12/2017	20 (J)	
10/4/2017	<25	
3/19/2018	<25	
9/17/2018	32	
3/20/2019	30	
9/13/2019	19	
3/11/2020	24	
3/29/2021	76	
8/9/2021	95	
2/2/2022	104	
8/16/2022	85	
2/17/2023	117 (J)	
8/1/2023	113	
2/22/2024		117
8/8/2024		150
2/26/2025		121

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40	GWA-40
3/15/2016	107	
5/11/2016	80	
7/21/2016	76	
9/19/2016	108	
11/3/2016	90	
1/17/2017	128	
3/24/2017	91	
5/24/2017	152	
9/26/2017	103	
3/14/2018	123	
9/12/2018	105	
3/13/2019	130	
9/9/2019	108	
3/9/2020	131	
9/11/2020	102	
3/10/2021	60	
8/4/2021	66	
1/31/2022	81	
8/12/2022	91	
2/13/2023	259 (J)	
7/26/2023	70	
2/19/2024		108
8/1/2024		96
2/25/2025		119

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41	GWA-41
3/15/2016	110	
5/12/2016	49	
7/20/2016	72	
9/15/2016	18 (J)	
11/3/2016	70	
1/18/2017	63	
3/24/2017	63	
6/6/2017	128	
9/25/2017	109	
3/14/2018	192	
9/12/2018	82	
3/14/2019	119	
9/10/2019	36	
3/6/2020	137	
9/10/2020	35	
3/11/2021	101	
8/4/2021	77	
1/31/2022	63	
8/11/2022	73	
2/13/2023	111 (J)	
7/25/2023	43	
2/19/2024		130
8/1/2024		49
2/25/2025		142

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R	GWA-41R
3/15/2016	78	
5/13/2016	178	
7/21/2016	168	
9/21/2016	123	
11/3/2016	157	
1/17/2017	170	
3/27/2017	158	
6/6/2017	212	
9/25/2017	145	
3/14/2018	210	
9/12/2018	159	
3/14/2019	157	
9/10/2019	113	
3/9/2020	249	
9/10/2020	111	
3/10/2021	148	
8/4/2021	176	
1/31/2022	184	
8/11/2022	170	
2/13/2023	163 (J)	
7/25/2023	162	
2/19/2024		199
8/1/2024		197
2/25/2025		161

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-42	GWA-42
3/11/2016	139	
5/16/2016	112	
7/22/2016	136	
9/19/2016	121	
11/3/2016	132	
1/17/2017	150	
3/27/2017	148	
6/7/2017	181	
9/26/2017	113	
3/14/2018	134	
9/14/2018	139	
3/14/2019	157	
9/10/2019	105	
3/6/2020	143	
9/10/2020	120	
3/11/2021	109	
8/4/2021	141	
1/31/2022	132	
8/10/2022	134	
2/13/2023	226	
7/26/2023	134	
2/20/2024		146
8/1/2024		158
2/25/2025		155

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43	GWA-43
3/11/2016	69	
5/13/2016	88	
7/19/2016	56	
9/16/2016	31	
11/2/2016	48	
1/18/2017	44	
3/28/2017	<25	
6/6/2017	36	
9/22/2017	41	
3/14/2018	<25	
9/12/2018	<25	
3/13/2019	31	
9/11/2019	21	
3/9/2020	51	
9/11/2020	31	
3/11/2021	14	
8/6/2021	33	
1/31/2022	25	
8/11/2022	28	
2/14/2023	60.9	
7/25/2023	<25	
2/20/2024		<25
8/2/2024		33
2/25/2025		<25

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R	GWA-43R
3/11/2016	144	
5/13/2016	142	
7/19/2016	135	
9/16/2016	144	
11/2/2016	152	
1/18/2017	125	
3/28/2017	109	
6/6/2017	154	
9/22/2017	157	
3/15/2018	117	
9/12/2018	151	
3/13/2019	152	
9/11/2019	151	
3/9/2020	174	
9/14/2020	146	
3/11/2021	98	
8/5/2021	126	
1/31/2022	128	
8/10/2022	145	
2/13/2023	126	
7/25/2023	167	
2/20/2024		136
8/2/2024		188
2/25/2025		140

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-4RZ	GWA-4RZ
2/22/2017	329 (D)	
4/7/2017	295 (D)	
6/14/2017	237 (D)	
7/12/2017	400 (D)	
7/20/2017	203 (D)	
7/28/2017	262 (D)	
8/9/2017	195 (D)	
8/24/2017	236 (D)	
10/3/2017	224 (D)	
3/21/2018	237	
9/18/2018	227	
3/21/2019	367 (D)	
9/12/2019	200 (D)	
3/12/2020	247	
9/17/2020	223	
3/16/2021	196	
8/10/2021	238	
2/3/2022	243	
8/17/2022	226	
2/17/2023	252 (J)	
7/28/2023	243	
2/27/2024		268
8/8/2024		258
2/28/2025		273

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50	GWA-50
3/28/2016	<25	
5/23/2016	32	
8/1/2016	<25	
9/26/2016	45	
11/10/2016	38	
1/30/2017	<25	
4/7/2017	18 (J)	
6/12/2017	15 (J)	
10/2/2017	17 (J)	
3/16/2018	<25	
9/17/2018	38	
3/19/2019	34	
9/13/2019	19	
3/11/2020	17	
9/16/2020	20	
3/17/2021	<25	
8/9/2021	14	
2/1/2022	21	
8/16/2022	<25	
2/16/2023	<25	
7/28/2023	<25	
2/22/2024		<25
8/8/2024		147
2/27/2025		32

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-50R	GWA-50R
3/28/2016	46	
5/25/2016	57	
8/1/2016	<25	
9/26/2016	60	
11/11/2016	13 (J)	
1/30/2017	<25	
4/3/2017	100	
6/12/2017	51	
10/2/2017	32	
3/16/2018	<25	
9/18/2018	15 (J)	
3/19/2019	48	
9/12/2019	46	
3/11/2020	24	
9/15/2020	12	
3/17/2021	31	
8/9/2021	<25	
2/2/2022	15	
8/17/2022	18 (J)	
2/16/2023	<25	
7/28/2023	<25	
2/22/2024		<25
8/8/2024		64
2/28/2025		<25

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10	GWC-10
3/31/2016	122	
5/26/2016	143	
8/5/2016	143	
9/28/2016	160	
11/22/2016	149	
2/7/2017	123	
4/10/2017	95	
6/14/2017	150	
10/4/2017	140	
3/20/2018	93	
9/18/2018	155	
3/22/2019	95	
9/17/2019	165	
3/12/2020	63	
9/17/2020	140	
3/18/2021	74	
8/10/2021	120	
2/4/2022	102	
8/17/2022	128	
2/20/2023	47	
7/31/2023	143	
2/27/2024		103
8/12/2024		162
2/28/2025		95

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-10R	GWC-10R
3/31/2016	135	
5/26/2016	163	
8/3/2016	159	
9/28/2016	208	
11/22/2016	152	
2/7/2017	128	
4/10/2017	186	
6/14/2017	150	
10/4/2017	153	
3/21/2018	192	
9/18/2018	155	
3/22/2019	140	
9/17/2019	172	
3/12/2020	81	
9/17/2020	125	
3/18/2021	62	
8/11/2021	138	
2/4/2022	156	
8/18/2022	135	
2/20/2023	154	
7/31/2023	144	
2/27/2024		157
8/12/2024		156
3/3/2025		143

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11	GWC-11
4/4/2016	79	
5/26/2016	105	
8/3/2016	106	
9/28/2016	148	
11/22/2016	88	
2/8/2017	62	
4/10/2017	92	
6/15/2017	96	
10/4/2017	78	
3/21/2018	111	
9/18/2018	106	
3/23/2019	64	
9/17/2019	101	
3/12/2020	96	
9/21/2020	93	
3/19/2021	79	
8/11/2021	53	
2/4/2022	120	
8/18/2022	59	
2/20/2023	98	
8/1/2023	121	
2/28/2024		102
8/13/2024		62
3/4/2025		100

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-11R	GWC-11R
4/4/2016	135	
5/26/2016	124	
8/4/2016	109	
9/28/2016	104	
11/22/2016	94	
2/8/2017	141 (J)	
4/10/2017	114	
6/15/2017	153	
10/4/2017	121	
3/22/2018	139	
9/18/2018	139	
3/23/2019	148	
9/17/2019	143	
3/12/2020	125	
9/21/2020	145	
3/19/2021	135	
8/11/2021	149	
2/4/2022	157	
8/18/2022	141	
2/20/2023	149	
8/1/2023	151	
2/28/2024		158
8/12/2024		149
3/3/2025		150

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-12	GWC-12
4/4/2016	58	
5/27/2016	66	
8/3/2016	65	
9/30/2016	60	
11/22/2016	63	
2/13/2017	104 (J)	
4/11/2017	63	
6/14/2017	97	
10/4/2017	74	
3/22/2018	54	
9/18/2018	73	
3/23/2019	58	
9/17/2019	62	
3/12/2020	64	
9/21/2020	62	
3/19/2021	53	
8/11/2021	58	
2/2/2022	54	
8/18/2022	48	
2/21/2023	42	
8/1/2023	63	
2/27/2024		67
8/12/2024		74
3/4/2025		75

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13	GWC-13
4/4/2016	156	
5/31/2016	192	
8/4/2016	269	
9/29/2016	288	
11/28/2016	224	
2/9/2017	386	
4/12/2017	254	
6/16/2017	309	
10/9/2017	269	
3/21/2018	211	
9/19/2018	222	
3/23/2019	135	
9/18/2019	200	
3/13/2020	143	
9/22/2020	176	
3/18/2021	82	
8/11/2021	131	
2/17/2022	119	
8/18/2022	132	
2/22/2023	1020 (o)	
4/11/2023	120	
8/1/2023	197	
2/27/2024		143
8/12/2024		189
3/3/2025		137

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-13RZ	GWC-13RZ
4/4/2016	110	
6/1/2016	121	
2/22/2017	311	
4/11/2017	212	
6/16/2017	262	
7/12/2017	310	
7/28/2017	289	
8/10/2017	288	
10/6/2017	268	
3/23/2018	281	
9/20/2018	297	
3/22/2019	249	
9/18/2019	281	
3/17/2020	256	
9/22/2020	248	
3/19/2021	250	
8/12/2021	263	
2/4/2022	262	
8/19/2022	243	
2/22/2023	254	
8/2/2023	282	
2/28/2024		248
8/13/2024		237
3/4/2025		252

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-14Z	GWC-14Z
4/5/2016	42	
6/1/2016	63	
8/9/2016	267	
11/28/2016	116	
2/9/2017	212 (J)	
4/11/2017	113	
6/14/2017	120	
7/12/2017	153	
10/5/2017	102	
3/22/2018	115	
9/19/2018	114	
3/22/2019	104	
9/17/2019	86	
3/13/2020	59	
9/21/2020	94	
3/18/2021	57	
8/11/2021	77	
2/4/2022	92	
8/18/2022	83	
2/22/2023	65	
8/1/2023	83	
2/28/2024		79
8/13/2024		89
3/3/2025		73

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15R	GWC-15R
4/5/2016	103	
5/31/2016	157	
8/4/2016	154	
9/29/2016	142	
11/23/2016	172	
2/10/2017	237	
4/12/2017	168	
6/15/2017	176	
10/6/2017	155	
3/23/2018	170	
9/19/2018	181	
3/25/2019	167	
9/17/2019	179	
3/13/2020	169	
9/21/2020	186	
3/18/2021	153	
8/11/2021	181	
2/4/2022	162	
8/19/2022	152	
2/22/2023	174	
8/2/2023	136	
2/28/2024		149
8/13/2024		133
3/3/2025		127

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15Z
4/5/2016	53	
5/31/2016	70	
11/23/2016	118	
2/10/2017	214	
4/11/2017	127	
6/15/2017	126	
7/12/2017	164	
7/26/2017	129	
10/6/2017	140	
3/23/2018	119	
9/19/2018	138	
3/22/2019	116	
9/17/2019	117	
3/13/2020	76	
9/21/2020	122	
3/18/2021	54	
8/11/2021	122	
2/7/2022	121	
8/19/2022	112	
2/22/2023	111	
8/1/2023	114	
2/28/2024		121
8/13/2024		124
3/3/2025		124

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-44	GWC-44
3/16/2016	<36	
5/16/2016	35	
7/25/2016	24 (J)	
9/19/2016	19 (J)	
11/3/2016	34	
1/19/2017	13 (J)	
3/28/2017	<36	
6/5/2017	206	
7/20/2017	72	
9/26/2017	35	
3/15/2018	41	
9/12/2018	<36	
3/14/2019	110	
9/11/2019	58	
3/10/2020	127	
9/15/2020	56	
3/11/2021	43	
8/4/2021	62	
1/31/2022	63	
8/15/2022	50	
2/14/2023	70.9	
7/26/2023	32	
2/20/2024		48
8/6/2024		27
2/26/2025		63

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45	GWC-45
3/16/2016	<25	
5/16/2016	<25 (D)	
7/25/2016	16 (JD)	
9/19/2016	12 (JD)	
11/4/2016	13 (JD)	
1/23/2017	15 (JD)	
3/29/2017	<25 (D)	
6/7/2017	26	
9/27/2017	<25	
3/15/2018	<25	
9/13/2018	<25	
3/14/2019	39 (JXD)	
9/11/2019	<25 (D)	
3/10/2020	60	
9/11/2020	11	
3/11/2021	12	
8/6/2021	17	
2/1/2022	70	
8/12/2022	14	
2/14/2023	33.9	
7/26/2023	<25	
2/20/2024		<25
8/5/2024		78
2/26/2025		<25

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-45R	GWC-45R
3/16/2016	89	
5/16/2016	169 (D)	
7/25/2016	159 (D)	
9/19/2016	152 (D)	
11/3/2016	150 (D)	
1/20/2017	152 (D)	
3/29/2017	143 (D)	
6/7/2017	192	
9/27/2017	159	
3/15/2018	146	
9/13/2018	185	
3/14/2019	195 (D)	
9/11/2019	172 (D)	
3/10/2020	245	
9/11/2020	146	
3/11/2021	167	
8/6/2021	186	
2/1/2022	201	
8/12/2022	159	
2/14/2023	206	
7/26/2023	186	
2/20/2024		181
8/5/2024		197
2/26/2025		185

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-46R	GWC-46R
3/10/2016	253	
5/17/2016	251	
7/26/2016	249	
9/20/2016	195	
11/4/2016	209	
1/20/2017	211	
3/28/2017	199	
6/7/2017	251	
9/29/2017	255	
3/15/2018	231	
9/13/2018	263	
3/18/2019	251	
9/11/2019	234	
3/10/2020	273	
9/14/2020	232	
3/11/2021	209	
8/5/2021	210	
1/31/2022	197	
8/15/2022	187	
2/14/2023	199	
7/26/2023	206	
2/21/2024		215
8/5/2024		226
2/26/2025		202

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-47
3/10/2016	152	
5/18/2016	123	
7/27/2016	113	
9/20/2016	126	
11/7/2016	167	
1/23/2017	125	
3/29/2017	116	
6/8/2017	131	
9/27/2017	117	
3/15/2018	102	
9/13/2018	144	
3/15/2019	125	
9/12/2019	121	
3/9/2020	147	
9/14/2020	129	
3/11/2021	106	
8/5/2021	90	
2/1/2022	107	
8/15/2022	141 (J)	
2/14/2023	111 (J)	
7/27/2023	105	
2/21/2024		105
8/5/2024		115
2/26/2025		129

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47R	GWC-47R
3/10/2016	149	
5/18/2016	162	
7/27/2016	132	
9/20/2016	155	
11/4/2016	169	
1/20/2017	135	
3/29/2017	147	
6/8/2017	159	
9/27/2017	167	
3/16/2018	141	
9/13/2018	175	
3/19/2019	154	
9/11/2019	164	
3/9/2020	44	
9/15/2020	108	
3/11/2021	143	
8/5/2021	142	
2/1/2022	157	
8/15/2022	104	
2/14/2023	151	
7/27/2023	154	
2/21/2024		114
8/5/2024		160
2/26/2025		153

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	63	
5/17/2016	<31	
7/27/2016	11 (J)	
9/20/2016	14 (J)	
11/4/2016	27	
1/23/2017	15 (J)	
3/28/2017	<31	
6/8/2017	29	
9/29/2017	21 (J)	
3/15/2018	<31	
9/13/2018	<31	
3/15/2019	41	
9/11/2019	20	
3/9/2020	100	
9/14/2020	47	
3/11/2021	40	
8/4/2021	34	
1/31/2022	31	
8/15/2022	37	
2/14/2023	30.9	
7/26/2023	33	
2/21/2024		52
8/5/2024		47
2/26/2025		44

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49R	GWC-49R
3/17/2016	103	
5/18/2016	129	
7/27/2016	108	
9/21/2016	102	
11/4/2016	130	
1/24/2017	152	
3/29/2017	95	
6/8/2017	176	
9/29/2017	118	
3/15/2018	88	
9/13/2018	137	
3/18/2019	170	
9/11/2019	138	
3/11/2020	125	
9/11/2020	127	
3/15/2021	107	
8/11/2021	116	
2/1/2022	125	
8/15/2022	103	
2/14/2023	114	
7/27/2023	117	
2/21/2024		126
8/6/2024		132
2/26/2025		119

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-49Z	GWC-49Z
3/17/2016	31	
5/18/2016	43	
7/28/2016	43	
9/21/2016	<25	
11/7/2016	50	
1/24/2017	63	
3/30/2017	<25	
6/9/2017	20 (J)	
9/29/2017	22 (J)	
3/15/2018	<25	
9/14/2018	29	
3/19/2019	35	
9/11/2019	27	
3/9/2020	51	
9/14/2020	25	
3/15/2021	30	
8/5/2021	<25	
2/1/2022	27	
8/15/2022	<25	
2/14/2023	<25	
7/27/2023	<25	
2/21/2024		<25
8/6/2024		73
2/26/2025		<25

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-5	GWC-5
3/28/2016	<25	
5/25/2016	34	
8/1/2016	25	
9/27/2016	20 (J)	
11/11/2016	41	
1/31/2017	127	
4/3/2017	69	
6/12/2017	46	
10/3/2017	34	
3/19/2018	<25	
9/17/2018	38	
3/20/2019	66	
9/16/2019	45	
3/16/2020	20	
9/16/2020	30	
3/17/2021	15	
8/9/2021	<25	
2/2/2022	32	
8/16/2022	<25	
2/20/2023	53	
7/28/2023	<25	
2/26/2024		38
8/8/2024		143
2/27/2025		27

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6	GWC-6
3/29/2016	51	
5/24/2016	76	
8/1/2016	69	
9/26/2016	103	
11/18/2016	77	
2/1/2017	168	
4/6/2017	95	
6/13/2017	101	
10/3/2017	83	
3/19/2018	70	
9/17/2018	77	
3/21/2019	80	
9/16/2019	82	
3/12/2020	42	
9/16/2020	77	
3/17/2021	47	
8/10/2021	53	
2/2/2022	73	
8/17/2022	53	
2/17/2023	75 (J)	
7/31/2023	77	
2/26/2024		78
8/8/2024		84
2/27/2025		64

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-6RZ	GWC-6RZ
3/29/2016	64	
5/24/2016	77	
8/1/2016	35	
9/26/2016	111	
11/14/2016	76	
2/1/2017	126	
4/6/2017	146	
6/13/2017	84	
10/3/2017	70	
3/20/2018	78	
9/17/2018	74	
3/21/2019	60	
9/16/2019	65	
3/12/2020	22	
9/16/2020	52	
3/17/2021	43	
8/10/2021	<10	
2/2/2022	51	
8/17/2022	33	
2/17/2023	50 (J)	
7/28/2023	46	
2/26/2024		48
8/8/2024		60
2/27/2025		52

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-7Z	GWC-7Z
5/31/2016	120	
8/2/2016	100	
9/27/2016	121	
11/21/2016	164	
2/1/2017	144	
4/6/2017	125	
6/13/2017	148	
7/14/2017	121	
10/3/2017	117	
3/20/2018	136	
9/18/2018	116	
3/21/2019	107	
9/13/2019	115	
3/12/2020	86	
9/16/2020	124	
3/17/2021	112	
8/10/2021	101	
2/2/2022	115	
8/17/2022	83	
2/20/2023	122	
7/31/2023	113	
2/26/2024		114
8/8/2024		164
2/27/2025		107

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-8RR
3/30/2016	104	
5/24/2016	94	
8/2/2016	105	
9/27/2016	119	
11/22/2016	105	
2/6/2017	99	
4/6/2017	124	
6/14/2017	114	
10/4/2017	107	
3/21/2018	117	
9/18/2018	110	
3/27/2019	101	
9/16/2019	113	
3/12/2020	84	
9/17/2020	111	
3/17/2021	113	
8/10/2021	112	
2/2/2022	102	
8/17/2022	89	
2/21/2023	77	
7/31/2023	96	
2/27/2024		101
8/12/2024		115
3/4/2025		111

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8Z	GWC-8Z
3/22/2016	111	
5/25/2016	95	
8/2/2016	124	
9/26/2016	140	
11/21/2016	154	
2/3/2017	113	
4/7/2017	147	
6/13/2017	117	
10/3/2017	150	
3/20/2018	121	
9/18/2018	93	
5/6/2019	118	
9/16/2019	99	
3/16/2020	76	
9/17/2020	98	
3/18/2021	48	
8/10/2021	92	
2/2/2022	85	
8/17/2022	41	
2/20/2023	86	
7/31/2023	97	
2/26/2024		92
8/12/2024		106
2/28/2025		96

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/l) Analysis Run 5/14/2025 3:36 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-9
3/30/2016	26	
5/26/2016	70	
8/5/2016	95	
9/28/2016	152	
11/21/2016	145	
2/6/2017	20 (J)	
4/6/2017	17 (J)	
6/13/2017	32	
10/3/2017	71	
3/20/2018	49	
9/18/2018	38	
3/21/2019	39	
9/16/2019	85	
3/12/2020	16	
9/17/2020	94	
3/18/2021	<25	
8/10/2021	22	
2/2/2022	21	
8/17/2022	25	
2/21/2023	<25	
7/31/2023	62	
2/27/2024		26
8/12/2024		77
2/28/2025		32

ND substitution: RL or RL/2 if <15% NDs.

FIGURE K.

Appendix III Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/13/2025, 1:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate, total (mg/L)	GWC-9	147	n/a	2/28/2025	6.5	No	347	n/a	n/a	7.781	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2

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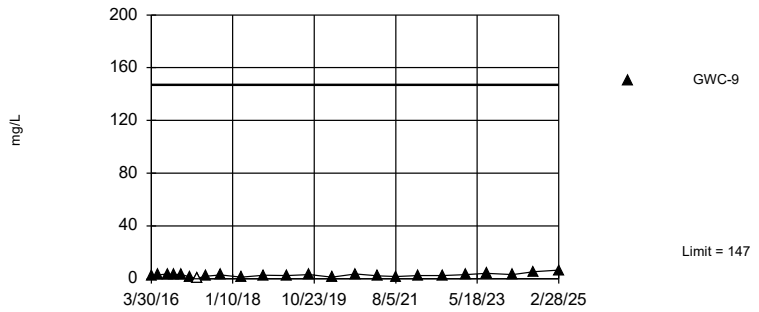
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 347 background values. 7.781% NDs. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Assumes 25 future values.

Constituent: Sulfate, total Analysis Run 5/13/2025 1:42 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/13/2025 1:43 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R (bg)	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-1 (bg)	GWA-2R (bg)
3/11/2016	3.8282	1.1313	1.4538						
3/14/2016				4.2598					
3/15/2016					1.2104	4.9347	6.4987		
3/22/2016								2.3685	
3/23/2016									26.8249
3/28/2016									
3/30/2016									
5/11/2016				6.05	1.28				
5/12/2016						2.3			
5/13/2016	3.56	1.96					3.68		
5/16/2016			1.18						
5/19/2016								2.14	3.81
5/20/2016									
5/23/2016									
5/25/2016									
5/26/2016									
7/19/2016	5.6	1.3		9.5					
7/20/2016						2			
7/21/2016					0.91 (J)		4.5		
7/22/2016			1.8						
7/27/2016									
7/29/2016								1.9	1.1
8/1/2016									
8/5/2016									
9/15/2016				6.7		1.1			
9/16/2016	6.7	1.1							
9/19/2016			1.4		1.3				
9/21/2016							2.8		
9/22/2016									0.96 (J)
9/23/2016								2	
9/26/2016									
9/28/2016									
11/2/2016	8.1	1.2		5.4					
11/3/2016			1.6		1.5	1.6	6.7		
11/9/2016								1.6	
11/10/2016									0.72 (J)
11/11/2016									
11/21/2016									
1/17/2017			<1 (*)		<1 (*)		<1 (*)		
1/18/2017	8.9	0.84 (J)		5.5		1.5			
1/30/2017								1.8	
1/31/2017									1.5
2/6/2017									
2/21/2017									
2/22/2017									
3/24/2017					0.86 (J)	1.6			
3/27/2017			2				0.85 (J)		
3/28/2017	8.2	0.7 (J)		2.9					
3/30/2017								1.6	
4/3/2017									1.3
4/6/2017									
4/7/2017									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/13/2025 1:43 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R (bg)	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-1 (bg)	GWA-2R (bg)
5/24/2017					1.2				
6/6/2017	7	0.47 (J)				4.1	6.1		
6/7/2017			1.9	2.3					
6/8/2017									
6/9/2017								1.7	1.2
6/12/2017									
6/13/2017									
6/14/2017									
7/12/2017									
7/17/2017									
7/20/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/24/2017									
9/22/2017	8.3	0.59 (J)							
9/25/2017						1.9	3.5		
9/26/2017			2	3.2	4.2				
9/29/2017									
10/2/2017								1.8	1.7
10/3/2017									
10/4/2017									
12/28/2017					7.4 (Y)				
3/14/2018		0.39 (J)	2.1	3.8	3.8	11.5	10.9 (J)		
3/15/2018	5.1								
3/16/2018								1.5	14.8 (J)
3/19/2018									
3/20/2018									
3/21/2018									
9/12/2018	5.6	0.3 (J)		3.7	1.7	1.8	3.7		
9/14/2018			1.6						2.1
9/17/2018								1.3 (D)	
9/18/2018									
3/13/2019	4.4	0.43 (X)			2.1				
3/14/2019			2.2			6.2	8.9		
3/15/2019				3					
3/19/2019									32.5 (J)
3/20/2019								1.5	
3/21/2019									
9/9/2019				2.4	1.6				
9/10/2019			1.2			1.2	8.4		
9/11/2019	5	<1							
9/12/2019								0.98 (J)	
9/13/2019									3.8
9/16/2019									
3/6/2020			1.7			10			
3/9/2020	3.9	<1		0.84 (J)	1.2		8.5		
3/11/2020								0.94 (J)	34.3
3/12/2020									
9/10/2020			0.95 (J)	0.95 (J)		1.7	5.9		
9/11/2020		<1			1.3				
9/14/2020	4.9								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/13/2025 1:43 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43R (bg)	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-1 (bg)	GWA-2R (bg)
9/15/2020								0.96 (J)	1
9/16/2020									
9/17/2020									
3/10/2021					1.5		8.4		
3/11/2021	4.3	<1	1.6			6.1			
3/12/2021				2					
3/16/2021								0.99 (J)	3.3
3/17/2021									
3/18/2021									
3/29/2021									
8/4/2021			1.4	1.3	1.4	1.7	6.4		
8/5/2021	2.9								
8/6/2021		<1							
8/9/2021								1.3	1.6
8/10/2021									
1/31/2022	2.5	<1	1.1	1.2	1.2	1.8	8.5		
2/1/2022								0.93 (J)	1.5
2/2/2022									
2/3/2022									
8/10/2022	2.5		1	1.3					
8/11/2022		<1				1.9	4.7		
8/12/2022					1.2				
8/16/2022								0.78 (J)	7.8
8/17/2022									
2/13/2023	2.5		1.6	1.7	1.4	6	10.2		
2/14/2023		<1							
2/16/2023								1.1	38.9
2/17/2023									
2/21/2023									
7/25/2023	2.6	<1				1.1	3		
7/26/2023			1.1	1.5	1.4				
7/27/2023								1.4	17.6
7/28/2023									
7/31/2023									
8/1/2023									
2/19/2024				1.1	1.2	4.2	9.6		
2/20/2024	2.8	<1	1.2						
2/22/2024								1	
2/26/2024									20.9
2/27/2024									
8/1/2024			1.1	1.2	1.5	0.75 (J)	2.7		
8/2/2024	3.2	<1							
8/6/2024									5.8
8/7/2024								1.1	
8/8/2024									
8/12/2024									
2/25/2025	2.1	<1	1.2	1.2	0.71 (J)	5	5.8		
2/26/2025									
2/27/2025								0.88 (J)	41.5
2/28/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/13/2025 1:43 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2 (bg)	GWA-50R (bg)	GWA-50 (bg)	GWC-9	GWA-39RZ (bg)	GWA-4RZ (bg)	GWA-3A (bg)
3/11/2016							
3/14/2016							
3/15/2016							
3/22/2016							
3/23/2016	105.552						0.8724 (J)
3/28/2016		0.9594 (J)	0.7283 (J)				
3/30/2016				2			
5/11/2016							
5/12/2016							
5/13/2016							
5/16/2016					2.4 (D)		
5/19/2016							
5/20/2016	44.3						
5/23/2016			0.728 (J)				0.805 (J)
5/25/2016		1.59					
5/26/2016				2.93			
7/19/2016							
7/20/2016							
7/21/2016							
7/22/2016							
7/27/2016					3.6 (D)		
7/29/2016	48						0.84 (J)
8/1/2016		1	0.78 (J)				
8/5/2016				3.6			
9/15/2016							
9/16/2016							
9/19/2016							
9/21/2016							
9/22/2016							0.94 (J)
9/23/2016	43						
9/26/2016		1.2	0.82 (J)				
9/28/2016				3.2			
11/2/2016							
11/3/2016							
11/9/2016	31						
11/10/2016			0.92 (J)				1.1
11/11/2016		1.2					
11/21/2016				3.3			
1/17/2017							
1/18/2017							
1/30/2017		<1	<1				
1/31/2017	4.2						0.92 (J)
2/6/2017				1.3			
2/21/2017					26 (D)		
2/22/2017						22 (D)	
3/24/2017							
3/27/2017					10 (D)		
3/28/2017							
3/30/2017	53						0.77 (J)
4/3/2017		1.3					
4/6/2017				<1			
4/7/2017			0.82 (J)			18 (D)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/13/2025 1:43 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2 (bg)	GWA-50R (bg)	GWA-50 (bg)	GWC-9	GWA-39RZ (bg)	GWA-4RZ (bg)	GWA-3A (bg)
5/24/2017							
6/6/2017							
6/7/2017							
6/8/2017					6.7 (D)		
6/9/2017							
6/12/2017	95	1.1	0.78 (J)				0.68 (J)
6/13/2017				2			
6/14/2017						20 (D)	
7/12/2017						18 (D)	
7/17/2017					6.4 (D)		
7/20/2017						20 (D)	
7/27/2017					18 (D)		
7/28/2017						18 (D)	
8/9/2017					18 (D)	19 (D)	
8/24/2017						21 (D)	
9/22/2017							
9/25/2017							
9/26/2017							
9/29/2017					21 (D)		
10/2/2017	3.5	1.1	0.71 (J)				
10/3/2017				2.8		25 (D)	
10/4/2017							0.5 (J)
12/28/2017						26 (Y)	
3/14/2018							
3/15/2018							
3/16/2018		0.87 (J)	0.67 (J)		15.5		
3/19/2018	147						0.49 (J)
3/20/2018				1.2			
3/21/2018						25.4	
9/12/2018							
9/14/2018	7.7				11.6		
9/17/2018			0.47 (J)				0.36 (J)
9/18/2018		0.87 (J)		2.6		22.8	
3/13/2019							
3/14/2019					9.3		
3/15/2019							
3/19/2019		0.97 (J)	0.52 (J)				
3/20/2019	3.6						0.38 (J)
3/21/2019				2.3		24.9 (D)	
9/9/2019							
9/10/2019					14		
9/11/2019							
9/12/2019	5.2	0.8 (J)				16.5 (D)	
9/13/2019			0.55 (J)				<1
9/16/2019				3			
3/6/2020							
3/9/2020					5.8		
3/11/2020	131	0.85 (J)	<1				<1
3/12/2020				1.1		20.8	
9/10/2020							
9/11/2020							
9/14/2020							

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate, total (mg/L) Analysis Run 5/13/2025 1:43 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2 (bg)	GWA-50R (bg)	GWA-50 (bg)	GWC-9	GWA-39RZ (bg)	GWA-4RZ (bg)	GWA-3A (bg)
9/15/2020	35.3	0.54 (J)					
9/16/2020			<1		8.6		
9/17/2020				3.5		20.3	
3/10/2021							
3/11/2021							
3/12/2021							
3/16/2021					3.5	22.1	
3/17/2021	90.7	0.86 (J)	<1				
3/18/2021				2.1			
3/29/2021							5.4
8/4/2021							
8/5/2021							
8/6/2021					4.2		
8/9/2021	84.7	0.77 (J)	<1				5
8/10/2021				1.7		20.7	
1/31/2022							
2/1/2022	86.1		<1				
2/2/2022		0.53 (J)		2.5	4.5		3.4
2/3/2022						20.7	
8/10/2022							
8/11/2022							
8/12/2022							
8/16/2022	58.5		<1		4.5		3.5
8/17/2022		0.55 (J)		2.5		18.1	
2/13/2023							
2/14/2023					6.3		
2/16/2023	115	0.58 (J)	<1				
2/17/2023						21.2	2.5
2/21/2023				3			
7/25/2023					4.9		
7/26/2023							
7/27/2023	44						
7/28/2023		0.71 (J)	0.53 (J)			19.6	
7/31/2023				4.1			
8/1/2023							3
2/19/2024					4		
2/20/2024							
2/22/2024	82	<1	<1				1.9
2/26/2024							
2/27/2024				3.1		23.2	
8/1/2024					3.3		
8/2/2024							
8/6/2024							
8/7/2024	47.5						
8/8/2024		0.69 (J)	0.53 (J)			12.2	3.9
8/12/2024				5.4			
2/25/2025							
2/26/2025					2.4		1.7
2/27/2025	74.4		<1				
2/28/2025		0.51 (J)		6.5		22.4	

ND substitution: RL or RL/2 if <15% NDs.

FIGURE L.

Appendix III Interwell Prediction Limits - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/13/2025, 1:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride, Total (mg/L)	GWC-10	9.3	n/a	2/28/2025	2	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-10R	9.3	n/a	3/3/2025	2.5	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-11	9.3	n/a	3/4/2025	0.87J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-11R	9.3	n/a	3/3/2025	1.6	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-12	9.3	n/a	3/4/2025	0.62J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-13	9.3	n/a	3/3/2025	3.3	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-13RZ	9.3	n/a	3/4/2025	4.4	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-14Z	9.3	n/a	3/3/2025	3.8	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-15R	9.3	n/a	3/3/2025	0.84J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-15Z	9.3	n/a	3/3/2025	0.8J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-44	9.3	n/a	2/26/2025	4	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-45	9.3	n/a	2/26/2025	0.65J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-45R	9.3	n/a	2/26/2025	2.9	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-46R	9.3	n/a	2/26/2025	3.4	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-47	9.3	n/a	2/26/2025	1.9	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-47R	9.3	n/a	2/26/2025	1.9	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-48	9.3	n/a	2/26/2025	5.5	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-49R	9.3	n/a	2/26/2025	0.88J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-49Z	9.3	n/a	2/26/2025	0.85J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-5	9.3	n/a	2/27/2025	0.5ND	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-6	9.3	n/a	2/27/2025	0.95J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-6RZ	9.3	n/a	2/27/2025	1.1	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-7Z	9.3	n/a	2/27/2025	0.62J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-8RR	9.3	n/a	3/4/2025	0.61J	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-8Z	9.3	n/a	2/28/2025	1.6	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	GWC-9	9.3	n/a	2/28/2025	2.3	No	360	n/a	n/a	2.222	n/a	n/a	0.00004896	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-10	8.04	4.24	2/28/2025	6.5	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-10R	8.04	4.24	3/3/2025	7.57	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-11	8.04	4.24	3/4/2025	6.93	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-11R	8.04	4.24	3/3/2025	7.62	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-12	8.04	4.24	3/4/2025	6.22	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-13	8.04	4.24	3/3/2025	7.29	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-13RZ	8.04	4.24	3/4/2025	7.46	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-14Z	8.04	4.24	3/3/2025	6.16	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-15R	8.04	4.24	3/3/2025	7.8	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-15Z	8.04	4.24	3/3/2025	7.78	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-44	8.04	4.24	2/26/2025	4.36	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-45	8.04	4.24	2/26/2025	4.85	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-45R	8.04	4.24	2/26/2025	7.36	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-46R	8.04	4.24	2/26/2025	7.57	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-47	8.04	4.24	2/26/2025	7.53	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-47R	8.04	4.24	2/26/2025	7.75	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-48	8.04	4.24	2/26/2025	4.95	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-49R	8.04	4.24	2/26/2025	7.65	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-49Z	8.04	4.24	2/26/2025	5.18	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-5	8.04	4.24	2/27/2025	5.85	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-6	8.04	4.24	2/27/2025	7.59	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-6RZ	8.04	4.24	2/27/2025	7.1	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-7Z	8.04	4.24	2/27/2025	7.63	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-8RR	8.04	4.24	3/4/2025	7.96	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-8Z	8.04	4.24	2/28/2025	6.92	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2
pH (pH_units)	GWC-9	8.04	4.24	2/28/2025	4.81	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2

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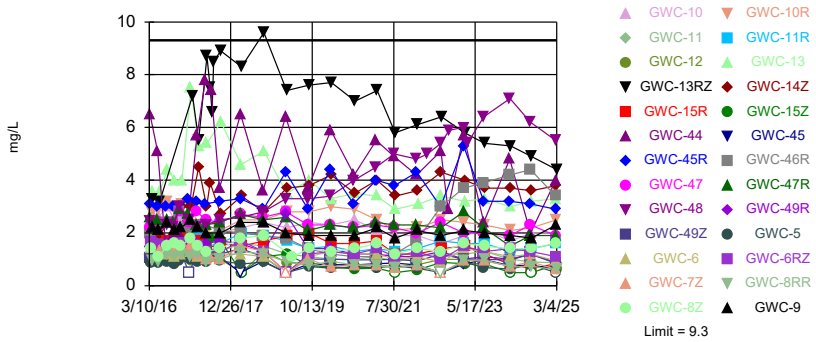
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 360 background values. 2.222% NDs. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Comparing 26 points to limit.

Constituent: Chloride, Total Analysis Run 5/13/2025 1:44 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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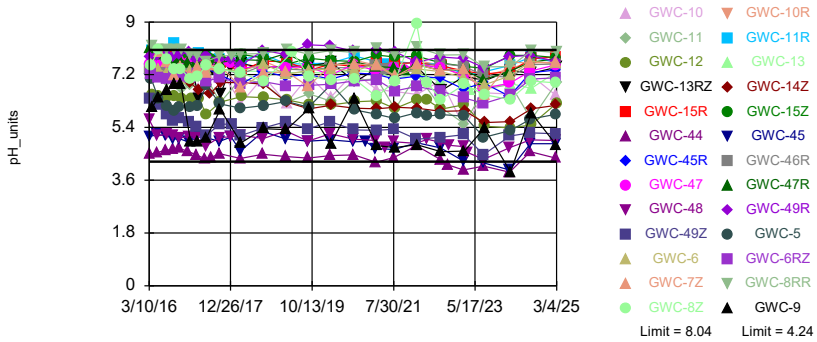
Within Limits

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 370 background values. Annual per-constituent alpha = 0.005086. Individual comparison alpha = 0.00009793 (1 of 2). Comparing 26 points to limit.

Constituent: pH Analysis Run 5/13/2025 1:44 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:45 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-48	GWC-46R	GWC-47R	GWA-43 (bg)	GWA-42 (bg)	GWA-43R (bg)	GWA-39Z (bg)	GWA-41 (bg)
3/10/2016	2.2206	2.4266	1.9859	2.5934					
3/11/2016					1.2562	2.4984	1.9467		
3/14/2016								1.795	
3/15/2016									4.1666
3/16/2016									
3/17/2016									
3/22/2016									
3/23/2016									
3/28/2016									
3/29/2016									
3/30/2016									
3/31/2016									
4/4/2016									
4/5/2016									
5/11/2016								2.04	
5/12/2016									1.78
5/13/2016					1.32		2.14		
5/16/2016						2.22			
5/17/2016		2.01	2.37						
5/18/2016	2.42			2.51					
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016									
5/25/2016									
5/26/2016									
5/27/2016									
5/31/2016									
6/1/2016									
7/19/2016					1.3		3.1	2.1	
7/20/2016									1.8
7/21/2016									
7/22/2016						2.6			
7/25/2016									
7/26/2016			2.4						
7/27/2016	2.4	2.3		2.5					
7/28/2016									
7/29/2016									
8/1/2016									
8/2/2016									
8/3/2016									
8/4/2016									
8/5/2016									
8/9/2016									
9/15/2016								1.7	1.4
9/16/2016					1.2		3.5		
9/19/2016						2.5			
9/20/2016	2.4	2.2	2.4	2.4					
9/21/2016									
9/22/2016									
9/23/2016									
9/26/2016									

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:45 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-48	GWC-46R	GWC-47R	GWA-43 (bg)	GWA-42 (bg)	GWA-43R (bg)	GWA-39Z (bg)	GWA-41 (bg)
9/27/2016									
9/28/2016									
9/29/2016									
9/30/2016									
11/2/2016					1.4		4.7	1.8	
11/3/2016						3			1.6
11/4/2016		3	2.8	2.9					
11/7/2016	2.8								
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016									
11/18/2016									
11/21/2016									
11/22/2016									
11/23/2016									
11/28/2016									
1/17/2017						2.9			
1/18/2017					1.2		4.9	1.7	1.5
1/19/2017									
1/20/2017			2.2	2.7					
1/23/2017	2.4	2.5							
1/24/2017									
1/30/2017									
1/31/2017									
2/1/2017									
2/3/2017									
2/6/2017									
2/7/2017									
2/8/2017									
2/9/2017									
2/10/2017									
2/13/2017									
2/21/2017									
2/22/2017									
3/24/2017									1.4
3/27/2017						3			
3/28/2017		2.2	2.3		1.4		4.1	1.3	
3/29/2017	2.8			2.3					
3/30/2017									
4/3/2017									
4/6/2017									
4/7/2017									
4/10/2017									
4/11/2017									
4/12/2017									
5/24/2017									
6/5/2017									
6/6/2017					1.4		3.6		2.8
6/7/2017			2.3			3		1.2	
6/8/2017	2.5	2.3		2.3					
6/9/2017									

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:45 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-48	GWC-46R	GWC-47R	GWA-43 (bg)	GWA-42 (bg)	GWA-43R (bg)	GWA-39Z (bg)	GWA-41 (bg)
6/12/2017									
6/13/2017									
6/14/2017									
6/15/2017									
6/16/2017									
7/12/2017									
7/14/2017									
7/17/2017									
7/20/2017									
7/26/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/10/2017									
8/24/2017									
9/22/2017					1.3		3.9		
9/25/2017									1.8
9/26/2017						3.1		1.7	
9/27/2017	2.4			2.4					
9/29/2017		2.5	2.1						
10/2/2017									
10/3/2017									
10/4/2017									
10/5/2017									
10/6/2017									
10/9/2017									
12/28/2017									
3/14/2018					1.3	3.2		1.4	3
3/15/2018	2.7	2.6	2				2.8		
3/16/2018				2.7					
3/19/2018									
3/20/2018									
3/21/2018									
3/22/2018									
3/23/2018									
9/12/2018					1.3		3.1	1.6	1.4
9/13/2018	2.6	2.8	1.9	2.5					
9/14/2018						2.3			
9/17/2018									
9/18/2018									
9/19/2018									
9/20/2018									
3/13/2019					1.6		2.9		
3/14/2019						3.6			2.6
3/15/2019	2.8	3.3						1.7	
3/18/2019			1.8						
3/19/2019				2.6					
3/20/2019									
3/21/2019									
3/22/2019									
3/23/2019									
3/25/2019									

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:45 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-48	GWC-46R	GWC-47R	GWA-43 (bg)	GWA-42 (bg)	GWA-43R (bg)	GWA-39Z (bg)	GWA-41 (bg)
3/27/2019									
5/6/2019									
9/9/2019								1.2	
9/10/2019						2			1.1
9/11/2019		3.3	1.4	2.1	1.3		3.1		
9/12/2019	2.3								
9/13/2019									
9/16/2019									
9/17/2019									
9/18/2019									
3/6/2020						2.7			1.3
3/9/2020	2.3	3.4		2.3	1.2		2.2	1.2	
3/10/2020			1.2						
3/11/2020									
3/12/2020									
3/13/2020									
3/16/2020									
3/17/2020									
9/10/2020						2		1.2	1.2
9/11/2020					1.3				
9/14/2020	2.2	4	1.1				3.3		
9/15/2020				2.2					
9/16/2020									
9/17/2020									
9/21/2020									
9/22/2020									
3/10/2021									
3/11/2021	2.3	4.5	1.1	2.4	1.3	2.5	2.7		1.5
3/12/2021								1.2	
3/15/2021									
3/16/2021									
3/17/2021									
3/18/2021									
3/19/2021									
3/29/2021									
8/4/2021		5				2.3		1.1	1.2
8/5/2021	2.2		1.2	2.3			1.9		
8/6/2021					1.3				
8/9/2021									
8/10/2021									
8/11/2021									
8/12/2021									
1/31/2022		4.8	1.7		1.1	2	1.7	1	1
2/1/2022	2			2.3					
2/2/2022									
2/3/2022									
2/4/2022									
2/7/2022									
2/17/2022									
4/28/2022		5							
8/10/2022						1.8	1.7	0.93 (J)	
8/11/2022					1.4				1.3

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:45 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-47	GWC-48	GWC-46R	GWC-47R	GWA-43 (bg)	GWA-42 (bg)	GWA-43R (bg)	GWA-39Z (bg)	GWA-41 (bg)
8/12/2022									
8/15/2022	2.4	5.4	3	2.2					
8/16/2022									
8/17/2022									
8/18/2022									
8/19/2022									
10/11/2022									
10/21/2022		5.9							
2/13/2023						2.4	1.8	1.3	1.6
2/14/2023	2	6	3.7	2.8	1.3				
2/16/2023									
2/17/2023									
2/20/2023									
2/21/2023									
2/22/2023									
3/16/2023		5.4							
7/25/2023					1.4		2		0.97 (J)
7/26/2023		6.4	3.9			1.9		1.3	
7/27/2023	2			2.2					
7/28/2023									
7/31/2023									
8/1/2023									
8/2/2023									
2/19/2024								1	1.2
2/20/2024					1.2	2.4	2		
2/21/2024	1.9	7.1	4.2	1.5					
2/22/2024									
2/26/2024									
2/27/2024									
2/28/2024									
8/1/2024						2.5		1.2	1.3
8/2/2024					1.2		2.2		
8/5/2024	2.3	6.2	4.4	1.9					
8/6/2024									
8/7/2024									
8/8/2024									
8/12/2024									
8/13/2024									
2/25/2025					1.1	2.3	1.5	0.96 (J)	0.99 (J)
2/26/2025	1.9	5.5	3.4	1.9					
2/27/2025									
2/28/2025									
3/3/2025									
3/4/2025									

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:45 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R (bg)	GWA-40 (bg)	GWC-45R	GWC-44	GWC-45	GWC-49Z	GWC-49R	GWA-1 (bg)	GWC-8Z
3/10/2016									
3/11/2016									
3/14/2016									
3/15/2016	6.1465	1.1671							
3/16/2016			3.0774	6.505	0.9445				
3/17/2016						1.0624	1.4476		
3/22/2016								1.5101	1.4231
3/23/2016									
3/28/2016									
3/29/2016									
3/30/2016									
3/31/2016									
4/4/2016									
4/5/2016									
5/11/2016		0.8763							
5/12/2016									
5/13/2016	3.08								
5/16/2016			3 (D)	5.08	0.9104 (D)				
5/17/2016									
5/18/2016						1.41	1.43		
5/19/2016								1.5	
5/20/2016									
5/23/2016									
5/24/2016									
5/25/2016									1.11
5/26/2016									
5/27/2016									
5/31/2016									
6/1/2016									
7/19/2016									
7/20/2016									
7/21/2016	3.7	1.4							
7/22/2016									
7/25/2016			3 (D)	1.2	1.2 (D)				
7/26/2016									
7/27/2016							1.6		
7/28/2016						1.4			
7/29/2016								1.7	
8/1/2016									
8/2/2016									1.5
8/3/2016									
8/4/2016									
8/5/2016									
8/9/2016									
9/15/2016									
9/16/2016									
9/19/2016		1.1	3 (D)	1.9	1.1 (D)				
9/20/2016									
9/21/2016	2.4					1.2	1.6		
9/22/2016									
9/23/2016								1.8	
9/26/2016									1.6

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:45 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R (bg)	GWA-40 (bg)	GWC-45R	GWC-44	GWC-45	GWC-49Z	GWC-49R	GWA-1 (bg)	GWC-8Z
9/27/2016									
9/28/2016									
9/29/2016									
9/30/2016									
11/2/2016									
11/3/2016	3.4	1.2	3 (D)	2					
11/4/2016					1 (D)		1.6		
11/7/2016						1.4			
11/9/2016								2	
11/10/2016									
11/11/2016									
11/14/2016									
11/18/2016									
11/21/2016									1.5
11/22/2016									
11/23/2016									
11/28/2016									
1/17/2017	1.9	1							
1/18/2017									
1/19/2017				2.6					
1/20/2017			3.3 (D)						
1/23/2017					1.2 (D)				
1/24/2017						<1 (*)	1.7		
1/30/2017								1.5	
1/31/2017									
2/1/2017									
2/3/2017									1.8
2/6/2017									
2/7/2017									
2/8/2017									
2/9/2017									
2/10/2017									
2/13/2017									
2/21/2017									
2/22/2017									
3/24/2017		1.2							
3/27/2017	2.4								
3/28/2017				5.7					
3/29/2017			3.2 (D)		1.1 (D)		1.6		
3/30/2017						1.2		1.8	
4/3/2017									
4/6/2017									
4/7/2017									1.5
4/10/2017									
4/11/2017									
4/12/2017									
5/24/2017		1.5							
6/5/2017				7.8					
6/6/2017	4.5								
6/7/2017			3.1		1				
6/8/2017							1.6		
6/9/2017						1.1		1.6	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:45 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R (bg)	GWA-40 (bg)	GWC-45R	GWC-44	GWC-45	GWC-49Z	GWC-49R	GWA-1 (bg)	GWC-8Z
6/12/2017									
6/13/2017									1.3
6/14/2017									
6/15/2017									
6/16/2017									
7/12/2017									
7/14/2017									
7/17/2017									
7/20/2017				7.4					
7/26/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/10/2017									
8/24/2017									
9/22/2017									
9/25/2017	2.5								
9/26/2017		2.4		3.7					
9/27/2017			3.2		1.1				
9/29/2017						1.2	1.7		
10/2/2017								1.6	
10/3/2017									1.4
10/4/2017									
10/5/2017									
10/6/2017									
10/9/2017									
12/28/2017		3.9 (Y)							
3/14/2018	4 (J)	2.4							
3/15/2018			3.3	6.5	<1	1.4	1.6		
3/16/2018								1.7	
3/19/2018									
3/20/2018									1.8
3/21/2018									
3/22/2018									
3/23/2018									
9/12/2018	2.1	1		3.6					
9/13/2018			2.9		0.93		1.3		
9/14/2018						1.1			
9/17/2018								1.55 (D)	
9/18/2018									1.9
9/19/2018									
9/20/2018									
3/13/2019		2.2							
3/14/2019	2.9		4.3 (D)	6.4	<1 (D)				
3/15/2019									
3/18/2019							2.7		
3/19/2019						<1			
3/20/2019								<1	
3/21/2019									
3/22/2019									
3/23/2019									
3/25/2019									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:45 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R (bg)	GWA-40 (bg)	GWC-45R	GWC-44	GWC-45	GWC-49Z	GWC-49R	GWA-1 (bg)	GWC-8Z
3/27/2019									
5/6/2019									1.1
9/9/2019		0.83 (X)							
9/10/2019	1.7								
9/11/2019			2.9 (D)	3.7	0.81 (XJD)	1	1.4		
9/12/2019								1.3	
9/13/2019									
9/16/2019									1.4
9/17/2019									
9/18/2019									
3/6/2020									
3/9/2020	1.3	1.5				1			
3/10/2020			4.4	5.9	0.8 (J)				
3/11/2020							1.4	1.4	
3/12/2020									
3/13/2020									
3/16/2020									1.3
3/17/2020									
9/10/2020	1.4								
9/11/2020		0.77 (J)	3.1		0.79 (J)		1.2		
9/14/2020						0.98 (J)			
9/15/2020				4.2				1.3	
9/16/2020									
9/17/2020									1.4
9/21/2020									
9/22/2020									
3/10/2021	1.6	0.97 (J)							
3/11/2021			4	5.5	0.83 (J)				
3/12/2021									
3/15/2021						0.98 (J)	1.2		
3/16/2021								1.3	
3/17/2021									
3/18/2021									1.6
3/19/2021									
3/29/2021									
8/4/2021	1.3	0.82 (J)		4.9					
8/5/2021						1			
8/6/2021			3.8		0.86 (J)				
8/9/2021								1.3	
8/10/2021									1.2
8/11/2021							1.1		
8/12/2021									
1/31/2022	1	0.71 (J)		4.2					
2/1/2022			4.3		0.79 (J)	0.93 (J)	1.1	1.2	
2/2/2022									1.4
2/3/2022									
2/4/2022									
2/7/2022									
2/17/2022									
4/28/2022									
8/10/2022									
8/11/2022	1.4								

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:45 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-41R (bg)	GWA-40 (bg)	GWC-45R	GWC-44	GWC-45	GWC-49Z	GWC-49R	GWA-1 (bg)	GWC-8Z
8/12/2022		<1	3		<1				
8/15/2022				5.1		1.2	1.3		
8/16/2022								0.99 (J)	
8/17/2022									1.3
8/18/2022									
8/19/2022									
10/11/2022				2.9					
10/21/2022									
2/13/2023	1.5	1.1							
2/14/2023			5.3	5.7	0.81 (J)	1	1		
2/16/2023								1.2	
2/17/2023									
2/20/2023									1.6
2/21/2023									
2/22/2023									
3/16/2023									
7/25/2023	1.3								
7/26/2023		0.92 (J)	3.2	2.4	0.99 (J)				
7/27/2023						1	1.1	1.2	
7/28/2023									
7/31/2023									1.5
8/1/2023									
8/2/2023									
2/19/2024	1.3	0.75 (J)							
2/20/2024			3.2	4.8	0.76 (J)				
2/21/2024						0.97 (J)	1		
2/22/2024								1.1	
2/26/2024									1.4
2/27/2024									
2/28/2024									
8/1/2024	1.6	0.96 (J)							
8/2/2024									
8/5/2024			3.1		0.78 (J)				
8/6/2024				2		1.2	1.2		
8/7/2024								1.3	
8/8/2024									
8/12/2024									1.4
8/13/2024									
2/25/2025	0.95 (J)	0.99 (J)							
2/26/2025			2.9	4	0.65 (J)	0.85 (J)	0.88 (J)		
2/27/2025								0.93 (J)	
2/28/2025									1.6
3/3/2025									
3/4/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:45 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-5	GWC-6RZ	GWC-6	GWC-9
3/10/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/16/2016									
3/17/2016									
3/22/2016									
3/23/2016	1.6092	2.4904	0.9079						
3/28/2016				1.14	0.9204	0.8659			
3/29/2016							1.6645	1.3977	
3/30/2016									2.21
3/31/2016									
4/4/2016									
4/5/2016									
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/17/2016									
5/18/2016									
5/19/2016			0.9136						
5/20/2016		1.71							
5/23/2016	1.52			1.19					
5/24/2016							1.58	1.33	
5/25/2016					1.04	0.8639			
5/26/2016									2.1
5/27/2016									
5/31/2016									
6/1/2016									
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/25/2016									
7/26/2016									
7/27/2016									
7/28/2016									
7/29/2016	1.5	2	1.1						
8/1/2016				1.2	0.85	0.93	1.4	1.2	
8/2/2016									
8/3/2016									
8/4/2016									
8/5/2016									2.4
8/9/2016									
9/15/2016									
9/16/2016									
9/19/2016									
9/20/2016									
9/21/2016									
9/22/2016	1.4		1						
9/23/2016		1.8							
9/26/2016				1.1	0.87		1.4	1.1	

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:45 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-5	GWC-6RZ	GWC-6	GWC-9
9/27/2016						0.8			
9/28/2016									2.1
9/29/2016									
9/30/2016									
11/2/2016									
11/3/2016									
11/4/2016									
11/7/2016									
11/9/2016		1.6							
11/10/2016	1.6		1.2	1.3					
11/11/2016					0.99	0.95			
11/14/2016							1.6		
11/18/2016								1.2	
11/21/2016									2.2
11/22/2016									
11/23/2016									
11/28/2016									
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017									
1/23/2017									
1/24/2017									
1/30/2017				1.2	0.95				
1/31/2017	1.6	1.3	1.2			0.99			
2/1/2017							1.4	1.3	
2/3/2017									
2/6/2017									2.5
2/7/2017									
2/8/2017									
2/9/2017									
2/10/2017									
2/13/2017									
2/21/2017									
2/22/2017									
3/24/2017									
3/27/2017									
3/28/2017									
3/29/2017									
3/30/2017	1.4	1.6							
4/3/2017			0.99		0.88	0.93			
4/6/2017							1.5	1.1	2.2
4/7/2017				1.2					
4/10/2017									
4/11/2017									
4/12/2017									
5/24/2017									
6/5/2017									
6/6/2017									
6/7/2017									
6/8/2017									
6/9/2017			0.87						

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:45 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-5	GWC-6RZ	GWC-6	GWC-9
6/12/2017	1.4	1.6		1.1	0.83	0.91			
6/13/2017							1.3	1.2	2
6/14/2017									
6/15/2017									
6/16/2017									
7/12/2017									
7/14/2017									
7/17/2017									
7/20/2017									
7/26/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/10/2017									
8/24/2017									
9/22/2017									
9/25/2017									
9/26/2017									
9/27/2017									
9/29/2017									
10/2/2017		0.94	1	1.2	0.94				
10/3/2017						0.95	1.3	1.2	2
10/4/2017	1.5								
10/5/2017									
10/6/2017									
10/9/2017									
12/28/2017									
3/14/2018									
3/15/2018									
3/16/2018			1.6	1.4	<1				
3/19/2018	1.5	1.9				0.82		1.2	
3/20/2018							1.7		2.4
3/21/2018									
3/22/2018									
3/23/2018									
9/12/2018									
9/13/2018									
9/14/2018		0.98	0.92						
9/17/2018	1.5			1.1		0.9	1.3	1.1	
9/18/2018					1				2.4 (D)
9/19/2018									
9/20/2018									
3/13/2019									
3/14/2019									
3/15/2019									
3/18/2019									
3/19/2019			2	<1	<1				
3/20/2019	<1	<1				<1			
3/21/2019							<1	<1	2
3/22/2019									
3/23/2019									
3/25/2019									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:45 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-5	GWC-6RZ	GWC-6	GWC-9
3/27/2019									
5/6/2019									
9/9/2019									
9/10/2019									
9/11/2019									
9/12/2019		0.815 (JD)			0.74 (J)				
9/13/2019	1.5		0.94 (J)	1					
9/16/2019						0.73 (J)	1.2	1.1	1.9
9/17/2019									
9/18/2019									
3/6/2020									
3/9/2020									
3/10/2020									
3/11/2020	1.4	2	0.6 (J)	0.91 (J)	0.73 (J)				
3/12/2020							1.3	1.3	1.9
3/13/2020									
3/16/2020						0.67 (J)			
3/17/2020									
9/10/2020									
9/11/2020									
9/14/2020									
9/15/2020		1.2	0.75 (J)		0.7 (J)				
9/16/2020				0.97 (J)		0.7 (J)	1.2	1.2	
9/17/2020									1.9
9/21/2020									
9/22/2020									
3/10/2021									
3/11/2021									
3/12/2021									
3/15/2021									
3/16/2021			0.73 (J)						
3/17/2021		1.4		1 (J)	0.81 (J)	0.69 (J)	1.4	1.2	
3/18/2021									2.2
3/19/2021									
3/29/2021	1.5								
8/4/2021									
8/5/2021									
8/6/2021									
8/9/2021	1.4	1.5	1.1	1 (J)	0.78 (J)	0.74 (J)			
8/10/2021							1.1	1	1.8
8/11/2021									
8/12/2021									
1/31/2022									
2/1/2022		1.4	0.77 (J)	0.91 (J)					
2/2/2022	1.9				0.7 (J)	0.66 (J)	1.3	1.1	2.1
2/3/2022									
2/4/2022									
2/7/2022									
2/17/2022									
4/28/2022									
8/10/2022									
8/11/2022									

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:45 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-5	GWC-6RZ	GWC-6	GWC-9
8/12/2022									
8/15/2022									
8/16/2022	2.5	1.1	0.82 (J)	0.69 (J)		<1			
8/17/2022					<1		0.99 (J)	0.89 (J)	1.9
8/18/2022									
8/19/2022									
10/11/2022									
10/21/2022									
2/13/2023									
2/14/2023									
2/16/2023		1.6	1.9	0.91 (J)	0.71 (J)				
2/17/2023	6.3						1.5	1.4	
2/20/2023						0.88 (J)			
2/21/2023									2.1
2/22/2023									
3/16/2023									
7/25/2023									
7/26/2023									
7/27/2023		1.3	0.92 (J)						
7/28/2023				0.95 (J)	0.72 (J)	0.69 (J)	1.3		
7/31/2023								1.3	2
8/1/2023	5.7								
8/2/2023									
2/19/2024									
2/20/2024									
2/21/2024									
2/22/2024	7.1	1.3		0.88 (J)	0.64 (J)				
2/26/2024			2			0.63 (J)	1.4	1.1	
2/27/2024									1.9
2/28/2024									
8/1/2024									
8/2/2024									
8/5/2024									
8/6/2024			1.1						
8/7/2024		1.4							
8/8/2024	7.3			1.1	0.86 (J)	0.81 (J)	1.3	1.2	
8/12/2024									1.8
8/13/2024									
2/25/2025									
2/26/2025	9.3								
2/27/2025		1.1	3.2	0.76 (J)		<1	1.1	0.95 (J)	
2/28/2025					0.87 (J)				2.3
3/3/2025									
3/4/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:45 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-10	GWC-10R	GWC-11	GWC-13	GWC-13RZ	GWC-12	GWC-11R	GWC-14Z
3/10/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/16/2016									
3/17/2016									
3/22/2016									
3/23/2016									
3/28/2016									
3/29/2016									
3/30/2016	0.9409								
3/31/2016		2.72	2.79						
4/4/2016				1.42	3.55	3.3	1.03	1.67	
4/5/2016									1.93
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/17/2016									
5/18/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016	0.92								
5/25/2016									
5/26/2016		2.63	2.87	1.37				1.64	
5/27/2016							0.9684		
5/31/2016					3.55				
6/1/2016						3.18			1.93
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/25/2016									
7/26/2016									
7/27/2016									
7/28/2016									
7/29/2016									
8/1/2016									
8/2/2016	1.2								
8/3/2016			3.2	1.4			1.3		
8/4/2016					4.4			1.7	
8/5/2016		3							
8/9/2016									2.4
9/15/2016									
9/16/2016									
9/19/2016									
9/20/2016									
9/21/2016									
9/22/2016									
9/23/2016									
9/26/2016									

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-10	GWC-10R	GWC-11	GWC-13	GWC-13RZ	GWC-12	GWC-11R	GWC-14Z
9/27/2016	1.1								
9/28/2016		2.5	3	1.2				1.4	
9/29/2016					4				
9/30/2016							1.2		
11/2/2016									
11/3/2016									
11/4/2016									
11/7/2016									
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016									
11/18/2016									
11/21/2016									
11/22/2016	1.2	2.6	3.1	1.6			1.2	1.9	
11/23/2016									
11/28/2016					4				3
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017									
1/23/2017									
1/24/2017									
1/30/2017									
1/31/2017									
2/1/2017									
2/3/2017									
2/6/2017	1.1								
2/7/2017		2.3	3						
2/8/2017				1.4				1.7	
2/9/2017					7.5				3
2/10/2017									
2/13/2017							0.96		
2/21/2017									
2/22/2017						7.2			
3/24/2017									
3/27/2017									
3/28/2017									
3/29/2017									
3/30/2017									
4/3/2017									
4/6/2017	1.2								
4/7/2017									
4/10/2017		1.9	2.3	1.3				1.8	
4/11/2017						5.5	1.2		4.5
4/12/2017					5.3				
5/24/2017									
6/5/2017									
6/6/2017									
6/7/2017									
6/8/2017									
6/9/2017									

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-10	GWC-10R	GWC-11	GWC-13	GWC-13RZ	GWC-12	GWC-11R	GWC-14Z
6/12/2017									
6/13/2017									
6/14/2017	0.92	1.9	2				0.89		3
6/15/2017				1.2				1.5	
6/16/2017					5.4	8.7			
7/12/2017						7.5			3.9
7/14/2017									
7/17/2017									
7/20/2017									
7/26/2017									
7/27/2017									
7/28/2017						6.6			
8/9/2017									
8/10/2017						8.5			
8/24/2017									
9/22/2017									
9/25/2017									
9/26/2017									
9/27/2017									
9/29/2017									
10/2/2017									
10/3/2017									
10/4/2017	1	2	2.1	1.3			1	1.6	
10/5/2017									2.7
10/6/2017						8.9			
10/9/2017					6.2				
12/28/2017									
3/14/2018									
3/15/2018									
3/16/2018									
3/19/2018									
3/20/2018		2.2							
3/21/2018	1.3		2.5	1.6	4.6				
3/22/2018							<1	2	3.4
3/23/2018						8.3			
9/12/2018									
9/13/2018									
9/14/2018									
9/17/2018									
9/18/2018	1.2	2.4	2.5	1.5			1.3	1.9	
9/19/2018					5.1				2.8
9/20/2018						9.6			
3/13/2019									
3/14/2019									
3/15/2019									
3/18/2019									
3/19/2019									
3/20/2019									
3/21/2019									
3/22/2019		2.2	2.8			7.4			3.7
3/23/2019				1.2	3.5		0.88	1.7	
3/25/2019									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-10	GWC-10R	GWC-11	GWC-13	GWC-13RZ	GWC-12	GWC-11R	GWC-14Z
3/27/2019	0.9								
5/6/2019									
9/9/2019									
9/10/2019									
9/11/2019									
9/12/2019									
9/13/2019									
9/16/2019	0.75 (JD)								
9/17/2019		2.4	2.8	1.1			0.835 (JD)	1.4	3.8
9/18/2019					4	7.6			
3/6/2020									
3/9/2020									
3/10/2020									
3/11/2020									
3/12/2020	0.93 (J)	2.3	3	1			0.84 (J)	1.5	
3/13/2020					3.3				4.2
3/16/2020									
3/17/2020						7.7			
9/10/2020									
9/11/2020									
9/14/2020									
9/15/2020									
9/16/2020									
9/17/2020	0.77 (J)	2.5	2.9						
9/21/2020				1			0.71 (J)	1.3	3.5
9/22/2020					3.5	7			
3/10/2021									
3/11/2021									
3/12/2021									
3/15/2021									
3/16/2021									
3/17/2021	0.78 (J)								
3/18/2021		2.1	2.5		3.4				4
3/19/2021				1.1		7.4	0.79 (J)	1.4	
3/29/2021									
8/4/2021									
8/5/2021									
8/6/2021									
8/9/2021									
8/10/2021	0.68 (J)	1.9							
8/11/2021			2.1	0.9 (J)	2.9		0.72 (J)	1.3	3.4
8/12/2021						5.8			
1/31/2022									
2/1/2022									
2/2/2022	0.77 (J)						0.79 (J)		
2/3/2022									
2/4/2022		1.9	2.2	1.1		6.1		1.4	3.6
2/7/2022									
2/17/2022					3.1				
4/28/2022									
8/10/2022									
8/11/2022									

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-8RR	GWC-10	GWC-10R	GWC-11	GWC-13	GWC-13RZ	GWC-12	GWC-11R	GWC-14Z
8/12/2022									
8/15/2022									
8/16/2022									
8/17/2022	<1	1.6							
8/18/2022			2.5 (J)	1.2	3.4		1	1.7	4.3
8/19/2022						6.4			
10/11/2022									
10/21/2022									
2/13/2023									
2/14/2023									
2/16/2023									
2/17/2023									
2/20/2023		1.9	2.4	1.2				1.6	
2/21/2023	0.97 (J)						0.99 (J)		
2/22/2023					3.2	5.8			4
3/16/2023									
7/25/2023									
7/26/2023									
7/27/2023									
7/28/2023									
7/31/2023	0.98 (J)	2.1	2.3						
8/1/2023				1.3	3.3		0.96 (J)	1.6	3.7
8/2/2023						5.4			
2/19/2024									
2/20/2024									
2/21/2024									
2/22/2024									
2/26/2024									
2/27/2024	0.71 (J)	1.7	2.1		3		0.74 (J)		
2/28/2024				1		5.3		1.3	3.7
8/1/2024									
8/2/2024									
8/5/2024									
8/6/2024									
8/7/2024									
8/8/2024									
8/12/2024	0.74 (J)	2	2.2		3.2		0.74 (J)	1.4	
8/13/2024				0.9 (J)		4.9			3.6
2/25/2025									
2/26/2025									
2/27/2025									
2/28/2025		2							
3/3/2025			2.5		3.3			1.6	3.8
3/4/2025	0.61 (J)			0.87 (J)		4.4	0.62 (J)		

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15R	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
3/10/2016					
3/11/2016					
3/14/2016					
3/15/2016					
3/16/2016					
3/17/2016					
3/22/2016					
3/23/2016					
3/28/2016					
3/29/2016					
3/30/2016					
3/31/2016					
4/4/2016					
4/5/2016	0.9439	2.08			
5/11/2016					
5/12/2016					
5/13/2016					
5/16/2016			1.74 (D)		
5/17/2016					
5/18/2016					
5/19/2016					
5/20/2016					
5/23/2016					
5/24/2016					
5/25/2016					
5/26/2016					
5/27/2016					
5/31/2016	1	1.51		1.33	
6/1/2016					
7/19/2016					
7/20/2016					
7/21/2016					
7/22/2016					
7/25/2016					
7/26/2016					
7/27/2016			2.1 (D)		
7/28/2016					
7/29/2016					
8/1/2016					
8/2/2016				1.5	
8/3/2016					
8/4/2016		1.7			
8/5/2016					
8/9/2016					
9/15/2016					
9/16/2016					
9/19/2016					
9/20/2016					
9/21/2016					
9/22/2016					
9/23/2016					
9/26/2016					

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15R	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
9/27/2016				1.4	
9/28/2016					
9/29/2016		1.5			
9/30/2016					
11/2/2016					
11/3/2016					
11/4/2016					
11/7/2016					
11/9/2016					
11/10/2016					
11/11/2016					
11/14/2016					
11/18/2016					
11/21/2016				1.5	
11/22/2016					
11/23/2016	1.7	1.9			
11/28/2016					
1/17/2017					
1/18/2017					
1/19/2017					
1/20/2017					
1/23/2017					
1/24/2017					
1/30/2017					
1/31/2017					
2/1/2017				1.5	
2/3/2017					
2/6/2017					
2/7/2017					
2/8/2017					
2/9/2017					
2/10/2017	1.6	1.5			
2/13/2017					
2/21/2017			4 (D)		
2/22/2017					3.7 (D)
3/24/2017					
3/27/2017			2.6 (D)		
3/28/2017					
3/29/2017					
3/30/2017					
4/3/2017					
4/6/2017				1.2	
4/7/2017					2.5 (D)
4/10/2017					
4/11/2017	1.5				
4/12/2017		1.7			
5/24/2017					
6/5/2017					
6/6/2017					
6/7/2017					
6/8/2017			2.1 (D)		
6/9/2017					

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15R	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
6/12/2017					
6/13/2017				0.98	
6/14/2017					2.6 (D)
6/15/2017	1	1.4			
6/16/2017					
7/12/2017	1.8				2.8 (D)
7/14/2017				1.1	
7/17/2017			1.9 (D)		
7/20/2017					2.3 (D)
7/26/2017	1.2				
7/27/2017			3 (D)		
7/28/2017					2 (D)
8/9/2017			2.5 (D)		1.8 (D)
8/10/2017					
8/24/2017					2.9 (D)
9/22/2017					
9/25/2017					
9/26/2017					
9/27/2017					
9/29/2017			2.7 (D)		
10/2/2017					
10/3/2017				1	2.8 (D)
10/4/2017					
10/5/2017					
10/6/2017	1.7	1.6			
10/9/2017					
12/28/2017					
3/14/2018					
3/15/2018					
3/16/2018			2.6		
3/19/2018					
3/20/2018				1.5	
3/21/2018					2.9
3/22/2018					
3/23/2018	<1	1.5			
9/12/2018					
9/13/2018					
9/14/2018			1.9		
9/17/2018					
9/18/2018				1.3	3.1
9/19/2018	1.1	1.7			
9/20/2018					
3/13/2019					
3/14/2019			2.8		
3/15/2019					
3/18/2019					
3/19/2019					
3/20/2019					
3/21/2019				<1	3.6 (D)
3/22/2019	1.2				
3/23/2019					
3/25/2019		1.9			

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15R	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
3/27/2019					
5/6/2019					
9/9/2019					
9/10/2019			2.3		
9/11/2019					
9/12/2019					2.1 (D)
9/13/2019				1	
9/16/2019					
9/17/2019	0.78 (X)	2			
9/18/2019					
3/6/2020					
3/9/2020			1.5		
3/10/2020					
3/11/2020					
3/12/2020				0.72 (J)	2.3
3/13/2020	0.7 (J)	1.6			
3/16/2020					
3/17/2020					
9/10/2020					
9/11/2020					
9/14/2020					
9/15/2020					
9/16/2020			1.7	0.79 (J)	
9/17/2020					2.4
9/21/2020	0.64 (J)	1.6			
9/22/2020					
3/10/2021					
3/11/2021					
3/12/2021					
3/15/2021					
3/16/2021			1.3		2.7
3/17/2021				0.79 (J)	
3/18/2021	0.67 (J)	1.7			
3/19/2021					
3/29/2021					
8/4/2021					
8/5/2021					
8/6/2021			1.3		
8/9/2021					
8/10/2021				0.68 (J)	2.8
8/11/2021	<1	1.2			
8/12/2021					
1/31/2022					
2/1/2022					
2/2/2022			1.5	0.76 (J)	
2/3/2022					2.6
2/4/2022		1.2			
2/7/2022	0.6 (J)				
2/17/2022					
4/28/2022					
8/10/2022					
8/11/2022					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-15Z	GWC-15R	GWA-39RZ (bg)	GWC-7Z	GWA-4RZ (bg)
8/12/2022					
8/15/2022					
8/16/2022			1.6		
8/17/2022				<1	2.6
8/18/2022					
8/19/2022	0.88 (J)	1.4			
10/11/2022					
10/21/2022					
2/13/2023					
2/14/2023			1.6		
2/16/2023					
2/17/2023					3
2/20/2023				0.94 (J)	
2/21/2023					
2/22/2023	0.83 (J)	1.5			
3/16/2023					
7/25/2023			1.7		
7/26/2023					
7/27/2023					
7/28/2023					3
7/31/2023				0.94 (J)	
8/1/2023	0.82 (J)				
8/2/2023		1.2			
2/19/2024			1.4		
2/20/2024					
2/21/2024					
2/22/2024					
2/26/2024				0.74 (J)	
2/27/2024					3.2
2/28/2024	<1	0.8 (J)			
8/1/2024			1.5		
8/2/2024					
8/5/2024					
8/6/2024					
8/7/2024					
8/8/2024				0.91 (J)	2.2
8/12/2024					
8/13/2024	<1	0.65 (J)			
2/25/2025					
2/26/2025			1.2		
2/27/2025				0.62 (J)	
2/28/2025					2.5
3/3/2025	0.8 (J)	0.84 (J)			
3/4/2025					

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-46R	GWC-47	GWC-47R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-41 (bg)
3/10/2016	5.66	7.39	7.56	8.08					
3/11/2016					7.89	7.37	6.43		
3/14/2016								6.91	
3/15/2016									6.74
3/16/2016									
3/17/2016									
3/22/2016									
3/23/2016									
3/28/2016									
3/29/2016									
3/30/2016									
3/31/2016									
4/4/2016									
4/5/2016									
5/11/2016								6.51	
5/12/2016									6.41
5/13/2016					7.86		6.8		
5/16/2016						7.55			
5/17/2016	5.11	7.32							
5/18/2016			7.58	7.91					
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016									
5/25/2016									
5/26/2016									
5/27/2016									
5/31/2016									
6/1/2016									
7/19/2016					7.83		6.42	6.12	
7/20/2016									6.59
7/21/2016									
7/22/2016						7.51			
7/25/2016									
7/26/2016		7.32							
7/27/2016	5.17		7.58	7.83					
7/28/2016									
7/29/2016									
8/1/2016									
8/2/2016									
8/3/2016									
8/4/2016									
8/5/2016									
8/9/2016									
9/15/2016								5.96	
9/16/2016					7.75		6.19		
9/19/2016						7.52			
9/20/2016	5.12	7.3	7.68	7.69					
9/21/2016									
9/22/2016									
9/23/2016									
9/26/2016									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-46R	GWC-47	GWC-47R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-41 (bg)
9/27/2016									
9/28/2016									
9/29/2016									
9/30/2016									
11/2/2016					7.77		6.36	5.78	
11/3/2016						7.56			6.45
11/4/2016	5.03	7.38		7.75					
11/7/2016			7.7						
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016									
11/18/2016									
11/21/2016									
11/22/2016									
11/23/2016									
11/28/2016									
1/17/2017						7.59			
1/18/2017					7.65		6.16	6.13	6.34
1/19/2017									
1/20/2017		7.29		7.6					
1/23/2017	5.1		7.61						
1/24/2017									
1/30/2017									
1/31/2017									
2/1/2017									
2/3/2017									
2/6/2017									
2/7/2017									
2/8/2017									
2/9/2017									
2/10/2017									
2/13/2017									
2/21/2017									
2/22/2017									
3/24/2017									6.42
3/27/2017						7.63			
3/28/2017	5.03	7.21			7.79		5.8	6.59	
3/29/2017			7.57	7.63					
3/30/2017									
4/3/2017									
4/6/2017									
4/7/2017									
4/10/2017									
4/11/2017									
4/12/2017									
5/24/2017									
6/5/2017									
6/6/2017					7.89		5.97		6.82
6/7/2017		7.47				7.55		6.72	
6/8/2017	4.77		7.48	7.64					
6/9/2017									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-46R	GWC-47	GWC-47R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-41 (bg)
6/12/2017									
6/13/2017									
6/14/2017									
6/15/2017									
6/16/2017									
7/11/2017									
7/12/2017									
7/14/2017									
7/17/2017									
7/19/2017									
7/20/2017									
7/26/2017									
7/27/2017									
7/28/2017									
8/8/2017									
8/9/2017									
8/10/2017									
8/23/2017									
8/24/2017									
9/22/2017					7.8		5.77		
9/25/2017									6.63
9/26/2017						7.59		7.05	
9/27/2017			7.55	7.62					
9/29/2017	5.06	7.42							
10/2/2017									
10/3/2017									
10/4/2017									
10/5/2017									
10/6/2017									
10/9/2017									
12/28/2017	5.07 (Y)		7.59 (Y)		7.78 (Y)			6.79 (Y)	
12/29/2017									
1/9/2018									
1/10/2018									
3/14/2018						7.6	5.85	7.42	7.08
3/15/2018	5.14	7.22	7.42		7.66				
3/16/2018				7.72					
3/19/2018									
3/20/2018									
3/21/2018									
3/22/2018									
3/23/2018									
9/12/2018					7.75		5.65	6.86	6.54
9/13/2018	5.02	7.52	7.49	7.68					
9/14/2018						7.37			
9/17/2018									
9/18/2018									
9/19/2018									
9/20/2018									
3/13/2019					7.84		5.63		
3/14/2019						7.57			6.58
3/15/2019	5.28		7.45					6.78	

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-46R	GWC-47	GWC-47R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-41 (bg)
3/18/2019		7.39							
3/19/2019				7.93					
3/20/2019									
3/21/2019									
3/22/2019									
3/23/2019									
3/25/2019									
3/27/2019									
5/6/2019									
9/9/2019								6.49	
9/10/2019						7.53			5.66
9/11/2019	4.93	7.36		7.55	7.75		5.53		
9/12/2019			7.48						
9/13/2019									
9/16/2019									
9/17/2019									
9/18/2019									
3/6/2020						7.42			6.82
3/9/2020	5.18		7.19	7.51	7.73		5.5	5.9	
3/10/2020		7.44							
3/11/2020									
3/12/2020									
3/13/2020									
3/16/2020									
3/17/2020									
9/10/2020						7.48		5.53	6.4
9/11/2020							6.25		
9/14/2020	5	7.43	7.54		7.76				
9/15/2020				7.64					
9/16/2020									
9/17/2020									
9/21/2020									
9/22/2020									
12/15/2020									
3/10/2021									
3/11/2021	4.95	7.53	7.34	7.48	7.81	7.53	5.55		6.8
3/12/2021								6.39	
3/15/2021									
3/16/2021									
3/17/2021									
3/18/2021									
3/19/2021									
3/29/2021									
5/26/2021	4.72	7.39							
8/4/2021	4.91					7.35		6.21	6.34
8/5/2021		7.44	7.41	7.45	7.75				
8/6/2021							5.52		
8/9/2021									
8/10/2021									
8/11/2021									
8/12/2021									
10/28/2021			7.34	7.36					

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-46R	GWC-47	GWC-47R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-41 (bg)
1/31/2022	4.86	7.48			8.04	7.17	5.71	6.41	6.02
2/1/2022			7.55	7.54					
2/2/2022									
2/3/2022									
2/4/2022									
2/7/2022									
2/17/2022									
4/28/2022	5								
8/10/2022					7.72	7.26		6.07	
8/11/2022							5.64		6.29
8/12/2022									
8/15/2022	4.89	7.58	7.43	7.35					
8/16/2022									
8/17/2022									
8/18/2022									
8/19/2022									
10/11/2022									
10/21/2022	4.79								
2/13/2023					7.82	6.83		6.35	6.25
2/14/2023	4.75	7.49	7.2	7.38			5.24		
2/16/2023									
2/17/2023									
2/20/2023									
2/21/2023									
2/22/2023									
3/16/2023	4.55								
4/11/2023									
7/25/2023					7.31		4.64		5.58
7/26/2023	4.31	7.18				6.92		5.77	
7/27/2023			6.73	7.03					
7/28/2023									
7/31/2023									
8/1/2023									
8/2/2023									
2/19/2024								6.34	6.17
2/20/2024					7.82	7.39	5.31		
2/21/2024	4.71	7.11	6.91	7.32					
2/22/2024									
2/26/2024									
2/27/2024									
2/28/2024									
8/1/2024						7.49		5.88	6.03
8/2/2024					7.74		5.28		
8/5/2024	4.98	7.54	7.32	7.62					
8/6/2024									
8/7/2024									
8/8/2024									
8/12/2024									
8/13/2024									
2/25/2025					7.77	7.41	5.28	6.66	6.8
2/26/2025	4.95	7.57	7.53	7.75					
2/27/2025									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-46R	GWC-47	GWC-47R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-41 (bg)
2/28/2025									
3/3/2025									
3/4/2025									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40 (bg)	GWA-41R (bg)	GWC-44	GWC-45	GWC-45R	GWC-49R	GWC-49Z	GWC-8Z	GWA-1 (bg)
3/10/2016									
3/11/2016									
3/14/2016									
3/15/2016	7.58	7.15							
3/16/2016			4.49	5.1	7.22				
3/17/2016						7.82	6.4		
3/22/2016								7.53	7.65
3/23/2016									
3/28/2016									
3/29/2016									
3/30/2016									
3/31/2016									
4/4/2016									
4/5/2016									
5/11/2016	7.24								
5/12/2016									
5/13/2016		7.29							
5/16/2016			4.55	5.15	7.34				
5/17/2016									
5/18/2016						7.85	6.17		
5/19/2016									7.6
5/20/2016									
5/23/2016									
5/24/2016									
5/25/2016								8.04	
5/26/2016									
5/27/2016									
5/31/2016									
6/1/2016									
7/19/2016									
7/20/2016									
7/21/2016	7.53	7.43							
7/22/2016									
7/25/2016			4.63	5.13	7.38				
7/26/2016									
7/27/2016						7.87			
7/28/2016							5.85		
7/29/2016									7.58
8/1/2016									
8/2/2016								7.74	
8/3/2016									
8/4/2016									
8/5/2016									
8/9/2016									
9/15/2016	7								
9/16/2016									
9/19/2016	7.19		4.65	5	7.37				
9/20/2016									
9/21/2016		7.05				7.8	5.61		
9/22/2016									
9/23/2016									7.57
9/26/2016								7.4	

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40 (bg)	GWA-41R (bg)	GWC-44	GWC-45	GWC-45R	GWC-49R	GWC-49Z	GWC-8Z	GWA-1 (bg)
9/27/2016									
9/28/2016									
9/29/2016									
9/30/2016									
11/2/2016									
11/3/2016	7.13	7.4	4.69		7.52				
11/4/2016				5.02		7.89			
11/7/2016							5.71		
11/9/2016									7.45
11/10/2016									
11/11/2016									
11/14/2016									
11/18/2016									
11/21/2016								7.4	
11/22/2016									
11/23/2016									
11/28/2016									
1/17/2017	7.51	7.06							
1/18/2017									
1/19/2017			4.58						
1/20/2017					7.3				
1/23/2017				4.9					
1/24/2017						7.97	5.58		
1/30/2017									7.64
1/31/2017									
2/1/2017									
2/3/2017								7.05	
2/6/2017									
2/7/2017									
2/8/2017									
2/9/2017									
2/10/2017									
2/13/2017									
2/21/2017									
2/22/2017									
3/24/2017	7.55								
3/27/2017		7.13							
3/28/2017			4.45						
3/29/2017				5.08	7.29	7.71			
3/30/2017							5.44		7.51
4/3/2017									
4/6/2017									
4/7/2017								7.14	
4/10/2017									
4/11/2017									
4/12/2017									
5/24/2017	7.6								
6/5/2017			4.33						
6/6/2017		7.18							
6/7/2017				5.06	7.43				
6/8/2017						7.86			
6/9/2017							5.11		7.6

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40 (bg)	GWA-41R (bg)	GWC-44	GWC-45	GWC-45R	GWC-49R	GWC-49Z	GWC-8Z	GWA-1 (bg)
6/12/2017									
6/13/2017								7.52	
6/14/2017									
6/15/2017									
6/16/2017									
7/11/2017									
7/12/2017									
7/14/2017									
7/17/2017									
7/19/2017									
7/20/2017			4.38						
7/26/2017									
7/27/2017									
7/28/2017									
8/8/2017									
8/9/2017									
8/10/2017									
8/23/2017									
8/24/2017									
9/22/2017									
9/25/2017		6.88							
9/26/2017	7.66		4.51						
9/27/2017				4.92	7.2				
9/29/2017						7.72	5.51		
10/2/2017									7.55
10/3/2017								7.38	
10/4/2017									
10/5/2017									
10/6/2017									
10/9/2017									
12/28/2017	7.34 (Y)					7.71 (Y)			
12/29/2017				5.08 (Y)					
1/9/2018									
1/10/2018							5.51 (Y)		
3/14/2018	7.56	7.04							
3/15/2018			4.34	4.6	6.87	7.51	5.12		
3/16/2018									7.58
3/19/2018									
3/20/2018								7.27	
3/21/2018									
3/22/2018									
3/23/2018									
9/12/2018	7.12	7.02	4.49						
9/13/2018				5.26	7.31	8.02			
9/14/2018							5.38		
9/17/2018									7.53 (D)
9/18/2018								6.95	
9/19/2018									
9/20/2018									
3/13/2019	7.12								
3/14/2019		6.93	4.41	5.01 (D)	7.14 (D)				
3/15/2019									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40 (bg)	GWA-41R (bg)	GWC-44	GWC-45	GWC-45R	GWC-49R	GWC-49Z	GWC-8Z	GWA-1 (bg)
3/18/2019						7.89			
3/19/2019							5.6		
3/20/2019									7.64
3/21/2019									
3/22/2019									
3/23/2019									
3/25/2019									
3/27/2019									
5/6/2019								7.98	
9/9/2019	7.07								
9/10/2019		6.72							
9/11/2019			4.36	4.93 (D)	7.2 (D)	8.22	5.35		
9/12/2019									7.36
9/13/2019									
9/16/2019								7.15	
9/17/2019									
9/18/2019									
3/6/2020									
3/9/2020	7.5	6.7					5.6		
3/10/2020			4.44	4.98	7.05				
3/11/2020						8.19			7.51
3/12/2020									
3/13/2020									
3/16/2020								7.01	
3/17/2020									
9/10/2020		6.67							
9/11/2020	6.98			4.91	7.26	8			
9/14/2020							5.32		
9/15/2020			4.46						7.43
9/16/2020									
9/17/2020								7.05	
9/21/2020									
9/22/2020									
12/15/2020				4.92					
3/10/2021	7.3	7.3							
3/11/2021			4.21	4.68	7.21				
3/12/2021									
3/15/2021						8.05	5.31		
3/16/2021									7.57
3/17/2021									
3/18/2021								6.45	
3/19/2021									
3/29/2021									
5/26/2021									
8/4/2021	6.79	7.15	4.38						
8/5/2021							5.34		
8/6/2021				4.65	7.05				
8/9/2021									7.44
8/10/2021								6.99	
8/11/2021						7.98			
8/12/2021									
10/28/2021									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40 (bg)	GWA-41R (bg)	GWC-44	GWC-45	GWC-45R	GWC-49R	GWC-49Z	GWC-8Z	GWA-1 (bg)
1/31/2022	6.85	6.63	4.78						
2/1/2022				4.88	7.15	7.63	5		7.52
2/2/2022								8.92	
2/3/2022									
2/4/2022									
2/7/2022									
2/17/2022									
4/28/2022								6.91	
8/10/2022									
8/11/2022		7.12							
8/12/2022	6.83			4.7	7.08				
8/15/2022			4.3			7.81	5.06		
8/16/2022									7.36
8/17/2022								6.36	
8/18/2022									
8/19/2022									
10/11/2022			4.13						
10/21/2022									
2/13/2023	6.94	6.45							
2/14/2023			3.95	4.26	6.71	7.75	5.15		
2/16/2023									7.39
2/17/2023									
2/20/2023								6.87	
2/21/2023									
2/22/2023									
3/16/2023									
4/11/2023									
7/25/2023		6.19							
7/26/2023	6.46		4.08	4.19	6.92				
7/27/2023						7.45	4.47		7.08
7/28/2023									
7/31/2023								6.52	
8/1/2023									
8/2/2023									
2/19/2024	6.75	6.79							
2/20/2024			3.87	3.95	6.46				
2/21/2024						7.82	5.11		
2/22/2024									6.97
2/26/2024								6.35	
2/27/2024									
2/28/2024									
8/1/2024	7.06	7.17							
8/2/2024									
8/5/2024				4.85	7.27				
8/6/2024			4.57			7.86	5.22		
8/7/2024									7.51
8/8/2024									
8/12/2024								6.99	
8/13/2024									
2/25/2025	7.51	6.63							
2/26/2025			4.36	4.85	7.36	7.65	5.18		
2/27/2025									7.5

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-40 (bg)	GWA-41R (bg)	GWC-44	GWC-45	GWC-45R	GWC-49R	GWC-49Z	GWC-8Z	GWA-1 (bg)
2/28/2025								6.92	
3/3/2025									
3/4/2025									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-5	GWC-6RZ	GWC-6	GWC-8RR
3/10/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/16/2016									
3/17/2016									
3/22/2016									
3/23/2016	5.96	7.45	6.7						
3/28/2016				6.22	6.45	7.04			
3/29/2016							7.24	7.54	
3/30/2016									8.2
3/31/2016									
4/4/2016									
4/5/2016									
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/17/2016									
5/18/2016									
5/19/2016		7.5							
5/20/2016			6.36						
5/23/2016	5.73			5.86					
5/24/2016							7.1	7.39	8.07
5/25/2016					6.96	6.39			
5/26/2016									
5/27/2016									
5/31/2016									
6/1/2016									
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/25/2016									
7/26/2016									
7/27/2016									
7/28/2016									
7/29/2016	5.51	7.59	6.75						
8/1/2016				6.39	5.64	6.13	7.07	7.26	
8/2/2016									8.07
8/3/2016									
8/4/2016									
8/5/2016									
8/9/2016									
9/15/2016									
9/16/2016									
9/19/2016									
9/20/2016									
9/21/2016									
9/22/2016	5.45	7.44							
9/23/2016			6.62						
9/26/2016				5.74	6.26		7.15	7.19	

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-5	GWC-6RZ	GWC-6	GWC-8RR
9/27/2016						5.98			8.06
9/28/2016									
9/29/2016									
9/30/2016									
11/2/2016									
11/3/2016									
11/4/2016									
11/7/2016									
11/9/2016			6.42						
11/10/2016	5.51	7.55		5.78					
11/11/2016					5.62	6.11			
11/14/2016							7.15		
11/18/2016								7.04	
11/21/2016									
11/22/2016									8.07
11/23/2016									
11/28/2016									
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017									
1/23/2017									
1/24/2017									
1/30/2017				5.88	5.49				
1/31/2017	5.42	7.56	5.66			6.08			
2/1/2017							7.09	7.34	
2/3/2017									
2/6/2017									7.88
2/7/2017									
2/8/2017									
2/9/2017									
2/10/2017									
2/13/2017									
2/21/2017									
2/22/2017									
3/24/2017									
3/27/2017									
3/28/2017									
3/29/2017									
3/30/2017	5.43		6.33						
4/3/2017		7.46			6.32	6.13			
4/6/2017							7.23	7.49	7.86
4/7/2017				5.94					
4/10/2017									
4/11/2017									
4/12/2017									
5/24/2017									
6/5/2017									
6/6/2017									
6/7/2017									
6/8/2017									
6/9/2017		7.24							

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-5	GWC-6RZ	GWC-6	GWC-8RR
6/12/2017	5.47		6.6	5.81	6.48	6.83			
6/13/2017							6.99	7.38	
6/14/2017									7.66
6/15/2017									
6/16/2017									
7/11/2017									
7/12/2017									
7/14/2017									
7/17/2017									
7/19/2017									
7/20/2017									
7/26/2017									
7/27/2017									
7/28/2017									
8/8/2017									
8/9/2017									
8/10/2017									
8/23/2017									
8/24/2017									
9/22/2017									
9/25/2017									
9/26/2017									
9/27/2017									
9/29/2017									
10/2/2017		7.35	5.61	5.93	6.41				
10/3/2017						6.2	7.09	7.39	
10/4/2017	5.23								7.84
10/5/2017									
10/6/2017									
10/9/2017									
12/28/2017									
12/29/2017									
1/9/2018									7.86 (Y)
1/10/2018									
3/14/2018									
3/15/2018									
3/16/2018		7.31		5.64	5.46				
3/19/2018	5.4		6.55			6.06		7.32	
3/20/2018							6.9		
3/21/2018									7.9
3/22/2018									
3/23/2018									
9/12/2018									
9/13/2018									
9/14/2018		7.55	5.81						
9/17/2018	5.22			5.82		6.14	6.96	7.57	
9/18/2018					5.35				7.92
9/19/2018									
9/20/2018									
3/13/2019									
3/14/2019									
3/15/2019									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-5	GWC-6RZ	GWC-6	GWC-8RR
3/18/2019									
3/19/2019		7.2		5.93	6.01				
3/20/2019	5.22		5.71			6.29			
3/21/2019							6.82	7.21	
3/22/2019									
3/23/2019									
3/25/2019									
3/27/2019									8.07
5/6/2019									
9/9/2019									
9/10/2019									
9/11/2019									
9/12/2019			5.45 (D)		5.89				
9/13/2019	5.07	7.29		5.61					
9/16/2019						6.09	6.83	7.35	7.9 (D)
9/17/2019									
9/18/2019									
3/6/2020									
3/9/2020									
3/10/2020									
3/11/2020	5.31	7.09	6.56	5.57	5.4				
3/12/2020							6.88	7.4	8.02
3/13/2020									
3/16/2020						6.88			
3/17/2020									
9/10/2020									
9/11/2020									
9/14/2020									
9/15/2020		7.45	6.38		5.26				
9/16/2020				5.62		6	6.99	7.33	
9/17/2020									7.96
9/21/2020									
9/22/2020									
12/15/2020									
3/10/2021									
3/11/2021									
3/12/2021									
3/15/2021									
3/16/2021		7.51							
3/17/2021			6.58	5.64	6.31	5.85	7.03	7.57	8.08
3/18/2021									
3/19/2021									
3/29/2021	8.04								
5/26/2021									
8/4/2021									
8/5/2021									
8/6/2021									
8/9/2021	7.85	6.63	6.47	5.34	5.16	5.71			
8/10/2021							6.65	7.16	7.89
8/11/2021									
8/12/2021									
10/28/2021									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-5	GWC-6RZ	GWC-6	GWC-8RR
1/31/2022									
2/1/2022		6.62	6.3	5.61					
2/2/2022	7.94				5.17	5.9	6.8	7.4	8.13
2/3/2022									
2/4/2022									
2/7/2022									
2/17/2022									
4/28/2022						5.78			
8/10/2022									
8/11/2022									
8/12/2022									
8/15/2022									
8/16/2022	7.74	7.11	6.63	5.29		5.84			
8/17/2022					5.7		6.64	7.3	7.87
8/18/2022									
8/19/2022									
10/11/2022									
10/21/2022									
2/13/2023									
2/14/2023									
2/16/2023		7.02	6.56	4.95	4.73				
2/17/2023	7.71						6.41	7.11	
2/20/2023						5.78			
2/21/2023									7.88
2/22/2023									
3/16/2023									
4/11/2023									
7/25/2023									
7/26/2023									
7/27/2023		6.49	6.06						
7/28/2023				4.66	4.24	5.06	6.22		
7/31/2023								6.86	7.47
8/1/2023	7.66								
8/2/2023									
2/19/2024									
2/20/2024									
2/21/2024									
2/22/2024	7.89		6.03	5.6	5.09				
2/26/2024		6.85				5.29	6.5	7.16	
2/27/2024									7.48
2/28/2024									
8/1/2024									
8/2/2024									
8/5/2024									
8/6/2024		7.61							
8/7/2024			6.73						
8/8/2024	7.86			4.68	4.25	5.69	7.05	7.66	
8/12/2024									8.02
8/13/2024									
2/25/2025									
2/26/2025	7.93								
2/27/2025		7.18	6.7	5.64		5.85	7.1	7.59	

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-3A (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-50 (bg)	GWA-50R (bg)	GWC-5	GWC-6RZ	GWC-6	GWC-8RR
2/28/2025					5.04				
3/3/2025									
3/4/2025									7.96

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-10R	GWC-10	GWC-11	GWC-11R	GWC-12	GWC-13	GWC-15R	GWC-15Z
3/10/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/16/2016									
3/17/2016									
3/22/2016									
3/23/2016									
3/28/2016									
3/29/2016									
3/30/2016	6.07								
3/31/2016		7.54	7.21						
4/4/2016				7.16	8.01	6.53	7.44		
4/5/2016								7.71	7.71
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/17/2016									
5/18/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/24/2016									
5/25/2016									
5/26/2016	6.44	7.43	7.3	7.23	7.91				
5/27/2016						6.45			
5/31/2016							7.37	7.66	9.52 (o)
6/1/2016									
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/25/2016									
7/26/2016									
7/27/2016									
7/28/2016									
7/29/2016									
8/1/2016									
8/2/2016									
8/3/2016		7.41		6.96		6.41			
8/4/2016					7.85		7.32	7.8	
8/5/2016	6.67		7.54						
8/9/2016									
9/15/2016									
9/16/2016									
9/19/2016									
9/20/2016									
9/21/2016									
9/22/2016									
9/23/2016									
9/26/2016									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-10R	GWC-10	GWC-11	GWC-11R	GWC-12	GWC-13	GWC-15R	GWC-15Z
9/27/2016									
9/28/2016	6.89	7.26	7.48	7.6	8.26				
9/29/2016							7.38	7.46	
9/30/2016						6.46			
11/2/2016									
11/3/2016									
11/4/2016									
11/7/2016									
11/9/2016									
11/10/2016									
11/11/2016									
11/14/2016									
11/18/2016									
11/21/2016	6.89								
11/22/2016		7.38	7.54	6.71	7.79	6.39			
11/23/2016								7.62	7.88
11/28/2016							7.43		
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017									
1/23/2017									
1/24/2017									
1/30/2017									
1/31/2017									
2/1/2017									
2/3/2017									
2/6/2017	4.93								
2/7/2017		7.46	7.17						
2/8/2017				6.84	7.77				
2/9/2017							7.36		
2/10/2017								7.51	7.72
2/13/2017						6.4			
2/21/2017									
2/22/2017									
3/24/2017									
3/27/2017									
3/28/2017									
3/29/2017									
3/30/2017									
4/3/2017									
4/6/2017	4.92								
4/7/2017									
4/10/2017		7.51	6.72	7.13	7.95				
4/11/2017						6.37			7.83
4/12/2017							7.46	7.54	
5/24/2017									
6/5/2017									
6/6/2017									
6/7/2017									
6/8/2017									
6/9/2017									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-10R	GWC-10	GWC-11	GWC-11R	GWC-12	GWC-13	GWC-15R	GWC-15Z
6/12/2017									
6/13/2017	5.03								
6/14/2017		7.34	6.83			5.85			
6/15/2017				7.1	7.79			7.71	7.86
6/16/2017							7.36		
7/11/2017									
7/12/2017									7.73
7/14/2017									
7/17/2017									
7/19/2017									
7/20/2017									
7/26/2017									7.71
7/27/2017									
7/28/2017									
8/8/2017									
8/9/2017									
8/10/2017									
8/23/2017									
8/24/2017									
9/22/2017									
9/25/2017									
9/26/2017									
9/27/2017									
9/29/2017									
10/2/2017									
10/3/2017	6.01								
10/4/2017		7.54	7.38	6.25	7.74	6.27			
10/5/2017									
10/6/2017								7.58	7.74
10/9/2017							7.38		
12/28/2017									
12/29/2017									
1/9/2018									
1/10/2018									
3/14/2018									
3/15/2018									
3/16/2018									
3/19/2018									
3/20/2018	4.88		6.23						
3/21/2018		7.33		7.07			7.33		
3/22/2018					7.72	6.45			
3/23/2018								7.34	7.89
9/12/2018									
9/13/2018									
9/14/2018									
9/17/2018									
9/18/2018	5.36 (D)	7.66	7.14	6.9	7.88	6.42			
9/19/2018							7.31	7.66	7.77
9/20/2018									
3/13/2019									
3/14/2019									
3/15/2019									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-10R	GWC-10	GWC-11	GWC-11R	GWC-12	GWC-13	GWC-15R	GWC-15Z
3/18/2019									
3/19/2019									
3/20/2019									
3/21/2019	5.33								
3/22/2019		7.34	6.23						7.55
3/23/2019				6.27	7.56	6.34	7.27		
3/25/2019								7.64	
3/27/2019									
5/6/2019									
9/9/2019									
9/10/2019									
9/11/2019									
9/12/2019									
9/13/2019									
9/16/2019	6.03								
9/17/2019		7.51	7.16	6.55	7.58	6.19 (D)		7.35	7.76
9/18/2019							7.28		
3/6/2020									
3/9/2020									
3/10/2020									
3/11/2020									
3/12/2020	4.82	7.49	6.43	6.3	7.6	6.17			
3/13/2020							7.25	7.56	7.68
3/16/2020									
3/17/2020									
9/10/2020									
9/11/2020									
9/14/2020									
9/15/2020									
9/16/2020									
9/17/2020	6.39	7.7	7.28						
9/21/2020				7.02	7.84	6.28		7.48	7.65
9/22/2020							7.34		
12/15/2020									
3/10/2021									
3/11/2021									
3/12/2021									
3/15/2021									
3/16/2021									
3/17/2021									
3/18/2021	4.78	7.52	6.69				7.3	7.58	7.87
3/19/2021				7.05	7.64	6.31			
3/29/2021									
5/26/2021					7.55				
8/4/2021									
8/5/2021									
8/6/2021									
8/9/2021									
8/10/2021	4.71		6.63						
8/11/2021		7.46		6.02	7.65	6.05	7.07	7.59	7.81
8/12/2021									
10/28/2021									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-10R	GWC-10	GWC-11	GWC-11R	GWC-12	GWC-13	GWC-15R	GWC-15Z
1/31/2022									
2/1/2022									
2/2/2022	4.81					6.35			
2/3/2022									
2/4/2022		7.69	6.53	7.2	7.58			7.61	
2/7/2022									7.83
2/17/2022							7.24		
4/28/2022						6.33			
8/10/2022									
8/11/2022									
8/12/2022									
8/15/2022									
8/16/2022									
8/17/2022	4.57		7.01						
8/18/2022		7.52		6.08	7.57	6.03	6.95		
8/19/2022								7.5	7.6
10/11/2022									
10/21/2022									
2/13/2023									
2/14/2023									
2/16/2023									
2/17/2023									
2/20/2023		7.08	5.39	5.52	7.2				
2/21/2023	4.59					6.18			
2/22/2023							6.96	7.32	7.49
3/16/2023									
4/11/2023							6.69		
7/25/2023									
7/26/2023									
7/27/2023									
7/28/2023									
7/31/2023	5.38	7.16	6.58						
8/1/2023				6.71	7.3	5.45	6.77		7.41
8/2/2023								7.23	
2/19/2024									
2/20/2024									
2/21/2024									
2/22/2024									
2/26/2024									
2/27/2024	3.88	7.4	6.54			5.38	6.9		
2/28/2024				6.87	7.52			7.3	7.86
8/1/2024									
8/2/2024									
8/5/2024									
8/6/2024									
8/7/2024									
8/8/2024									
8/12/2024	5.89	7.65	7.17		7.8	5.49	6.73		
8/13/2024				5.67				7.75	7.86
2/25/2025									
2/26/2025									
2/27/2025									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-9	GWC-10R	GWC-10	GWC-11	GWC-11R	GWC-12	GWC-13	GWC-15R	GWC-15Z
2/28/2025	4.81		6.5						
3/3/2025		7.57			7.62		7.29	7.8	7.78
3/4/2025				6.93		6.22			

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ (bg)	GWC-7Z	GWC-14Z	GWA-4RZ (bg)	GWC-13RZ
3/10/2016					
3/11/2016					
3/14/2016					
3/15/2016					
3/16/2016					
3/17/2016					
3/22/2016					
3/23/2016					
3/28/2016					
3/29/2016					
3/30/2016					
3/31/2016					
4/4/2016					8.56 (o)
4/5/2016			10.61 (o)		
5/11/2016					
5/12/2016					
5/13/2016					
5/16/2016	7.61 (D)				
5/17/2016					
5/18/2016					
5/19/2016					
5/20/2016					
5/23/2016					
5/24/2016					
5/25/2016					
5/26/2016					
5/27/2016					
5/31/2016		7.98			
6/1/2016			10.32 (o)		9.83 (o)
7/19/2016					
7/20/2016					
7/21/2016					
7/22/2016					
7/25/2016					
7/26/2016					
7/27/2016	7.51 (D)				
7/28/2016					
7/29/2016					
8/1/2016					
8/2/2016		7.64			
8/3/2016					
8/4/2016					
8/5/2016					
8/9/2016			8.23 (o)		
9/15/2016					
9/16/2016					
9/19/2016					
9/20/2016					
9/21/2016					
9/22/2016					
9/23/2016					
9/26/2016					

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ (bg)	GWC-7Z	GWC-14Z	GWA-4RZ (bg)	GWC-13RZ
9/27/2016		7.18			
9/28/2016					
9/29/2016					
9/30/2016					
11/2/2016					
11/3/2016					
11/4/2016					
11/7/2016					
11/9/2016					
11/10/2016					
11/11/2016					
11/14/2016					
11/18/2016					
11/21/2016		7.49			
11/22/2016					
11/23/2016					
11/28/2016			7.29		
1/17/2017					
1/18/2017					
1/19/2017					
1/20/2017					
1/23/2017					
1/24/2017					
1/30/2017					
1/31/2017					
2/1/2017		7.2			
2/3/2017					
2/6/2017					
2/7/2017					
2/8/2017					
2/9/2017			6.91		
2/10/2017					
2/13/2017					
2/21/2017	7.76 (D)				
2/22/2017				7.38 (D)	7.45
3/24/2017					
3/27/2017	7.7 (D)				
3/28/2017					
3/29/2017					
3/30/2017					
4/3/2017					
4/6/2017		7.42			
4/7/2017				7.35 (D)	
4/10/2017					
4/11/2017			6.68		6.37
4/12/2017					
5/24/2017					
6/5/2017					
6/6/2017					
6/7/2017					
6/8/2017	7.69 (D)				
6/9/2017					

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ (bg)	GWC-7Z	GWC-14Z	GWA-4RZ (bg)	GWC-13RZ
6/12/2017					
6/13/2017		7.25			
6/14/2017			6.84	7.3 (D)	
6/15/2017					
6/16/2017					7.33
7/11/2017				7.39	
7/12/2017			6.54	7.39 (D)	7.46
7/14/2017		7.5			
7/17/2017	7.57 (D)				
7/19/2017				7.44	
7/20/2017				7.44 (D)	
7/26/2017	7.63				
7/27/2017	7.63			7.5	7.37
7/28/2017				7.5	7.37
8/8/2017	7.73			7.52	
8/9/2017	7.73			7.52	7.38
8/10/2017					7.38
8/23/2017				7.5	
8/24/2017				7.5	
9/22/2017					
9/25/2017					
9/26/2017					
9/27/2017					
9/29/2017	7.7 (D)				
10/2/2017					
10/3/2017		7.5		7.51 (D)	
10/4/2017					
10/5/2017			6.93		
10/6/2017					6.55
10/9/2017					
12/28/2017				7.32 (Y)	7.43 (Y)
12/29/2017					
1/9/2018					
1/10/2018					
3/14/2018					
3/15/2018					
3/16/2018	7.49				
3/19/2018					
3/20/2018		6.76			
3/21/2018				7.3	
3/22/2018			6.93		
3/23/2018					7.58
9/12/2018					
9/13/2018					
9/14/2018	7.32				
9/17/2018					
9/18/2018		7.26		7.26	
9/19/2018			6.88		
9/20/2018					7.43
3/13/2019					
3/14/2019	7.46				
3/15/2019					

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ (bg)	GWC-7Z	GWC-14Z	GWA-4RZ (bg)	GWC-13RZ
3/18/2019					
3/19/2019					
3/20/2019					
3/21/2019		7.3		7.28 (D)	
3/22/2019			6.27		7.49
3/23/2019					
3/25/2019					
3/27/2019					
5/6/2019					
9/9/2019					
9/10/2019	7.48				
9/11/2019					
9/12/2019				7.2 (D)	
9/13/2019		6.8			
9/16/2019					
9/17/2019			6.04		
9/18/2019					7.5
3/6/2020					
3/9/2020	7.68				
3/10/2020					
3/11/2020					
3/12/2020		7.53		7.55	
3/13/2020			6.16		
3/16/2020					
3/17/2020					7.62
9/10/2020					
9/11/2020					
9/14/2020					
9/15/2020					
9/16/2020	7.68	7.56			
9/17/2020				7.42	
9/21/2020			6.06		
9/22/2020					6.95
12/15/2020					
3/10/2021					
3/11/2021					
3/12/2021					
3/15/2021					
3/16/2021	7.85			7.4	
3/17/2021		7.52			
3/18/2021			6.04		
3/19/2021					7.42
3/29/2021					
5/26/2021					
8/4/2021					
8/5/2021					
8/6/2021	7.09				
8/9/2021					
8/10/2021		7.13		7.2	
8/11/2021			6.09		
8/12/2021					7.11
10/28/2021					

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ (bg)	GWC-7Z	GWC-14Z	GWA-4RZ (bg)	GWC-13RZ
1/31/2022					
2/1/2022					
2/2/2022	6.89	7.54			
2/3/2022				7.2	
2/4/2022			6.06		7.46
2/7/2022					
2/17/2022					
4/28/2022					
8/10/2022					
8/11/2022					
8/12/2022					
8/15/2022					
8/16/2022	7.45				
8/17/2022		7.34		6.49	
8/18/2022			5.95		
8/19/2022					6.66
10/11/2022					
10/21/2022					
2/13/2023					
2/14/2023	7.48				
2/16/2023					
2/17/2023				6.98	
2/20/2023		7.4			
2/21/2023					
2/22/2023			5.97		7.15
3/16/2023					
4/11/2023					
7/25/2023	7.19				
7/26/2023					
7/27/2023					
7/28/2023				6.815 (D)	
7/31/2023		6.52			
8/1/2023			5.57		
8/2/2023					6.995 (D)
2/19/2024	7.7				
2/20/2024					
2/21/2024					
2/22/2024					
2/26/2024		7.63			
2/27/2024				7.11	
2/28/2024			5.6		7.35
8/1/2024	7.08				
8/2/2024					
8/5/2024					
8/6/2024					
8/7/2024					
8/8/2024		7.6		7.01	
8/12/2024					
8/13/2024			6.04		7.25
2/25/2025					
2/26/2025	7.4				
2/27/2025		7.63			

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/13/2025 1:46 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-39RZ (bg)	GWC-7Z	GWC-14Z	GWA-4RZ (bg)	GWC-13RZ
2/28/2025				7.25	
3/3/2025			6.16		
3/4/2025					7.46

FIGURE M.

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/13/2025, 1:48 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Sulfate, total (mg/L)	**GWA-1 (bg)**	**-0.1328**	**-181**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	**GWA-39RZ (bg)**	**-1.014**	**-107**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	**GWA-39Z (bg)**	**-0.5122**	**-178**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	**GWA-43R (bg)**	**-0.5307**	**-148**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	**GWA-50R (bg)**	**-0.07345**	**-164**	**-105**	**Yes**	**24**	**8.333**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 5/13/2025, 1:48 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Sulfate, total (mg/L)	**GWA-1 (bg)**	**-0.1328**	**-181**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	GWA-2 (bg)	2.451	28	105	No	24	0	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-2R (bg)	0.7936	103	105	No	24	0	n/a	0.01	NP
Sulfate, total (mg/L)	**GWA-39RZ (bg)**	**-1.014**	**-107**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	**GWA-39Z (bg)**	**-0.5122**	**-178**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	GWA-3A (bg)	-0.8448	-22	-25	No	9	0	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-40 (bg)	0	-9	-111	No	25	4	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-41 (bg)	0	1	105	No	24	0	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-41R (bg)	0.3238	44	105	No	24	4.167	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-42 (bg)	-0.05296	-60	-105	No	24	4.167	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-43 (bg)	0	-28	-105	No	24	50	n/a	0.01	NP
Sulfate, total (mg/L)	**GWA-43R (bg)**	**-0.5307**	**-148**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	GWA-4RZ (bg)	0.04315	15	111	No	25	0	n/a	0.01	NP
Sulfate, total (mg/L)	GWA-50 (bg)	0	46	105	No	24	41.67	n/a	0.01	NP
Sulfate, total (mg/L)	**GWA-50R (bg)**	**-0.07345**	**-164**	**-105**	**Yes**	**24**	**8.333**	**n/a**	**0.01**	**NP**
Sulfate, total (mg/L)	GWC-9	0.17	69	105	No	24	4.167	n/a	0.01	NP

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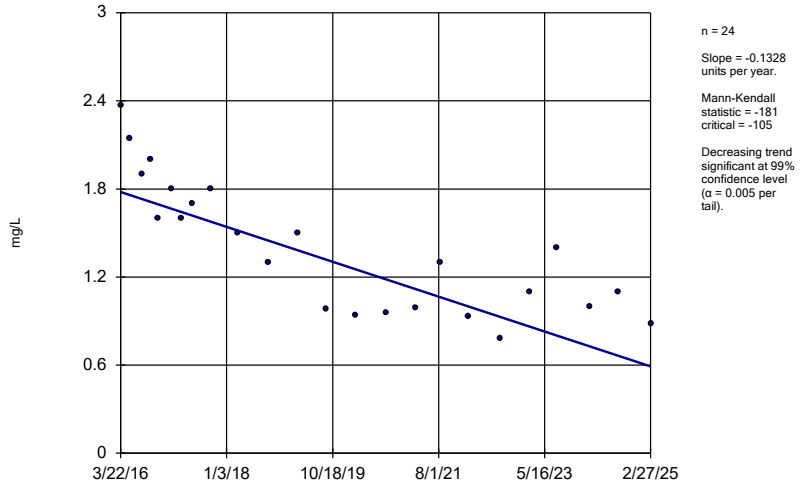
Sen's Slope Estimator

GWA-1 (bg)



n = 24

Slope = -0.1328 units per year.

Mann-Kendall statistic = -181 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate, total Analysis Run 5/13/2025 1:47 PM View: Appendix III Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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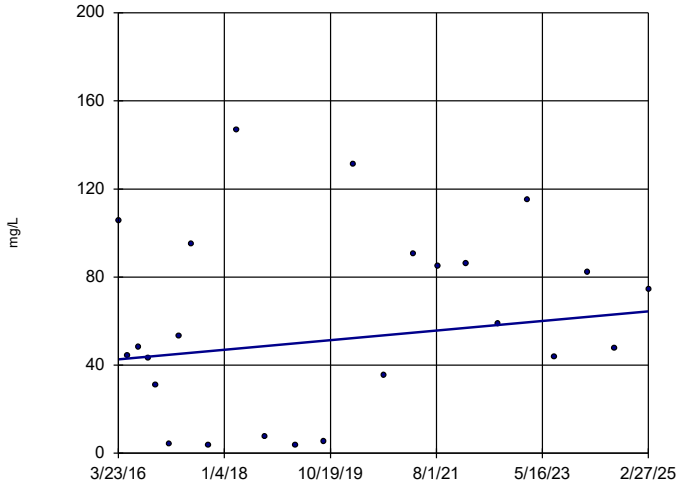
Sen's Slope Estimator

GWA-2 (bg)



n = 24

Slope = 2.451 units per year.

Mann-Kendall statistic = 28 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate, total Analysis Run 5/13/2025 1:47 PM View: Appendix III Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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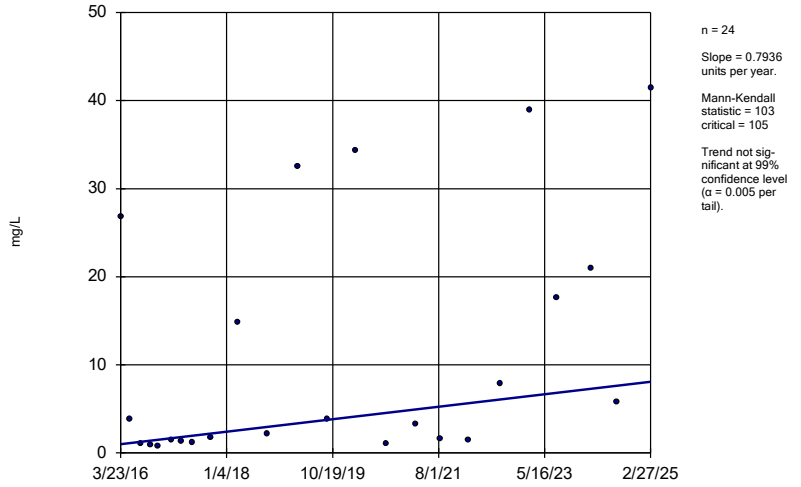
Sen's Slope Estimator

GWA-2R (bg)



n = 24

Slope = 0.7936 units per year.

Mann-Kendall statistic = 103 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate, total Analysis Run 5/13/2025 1:47 PM View: Appendix III Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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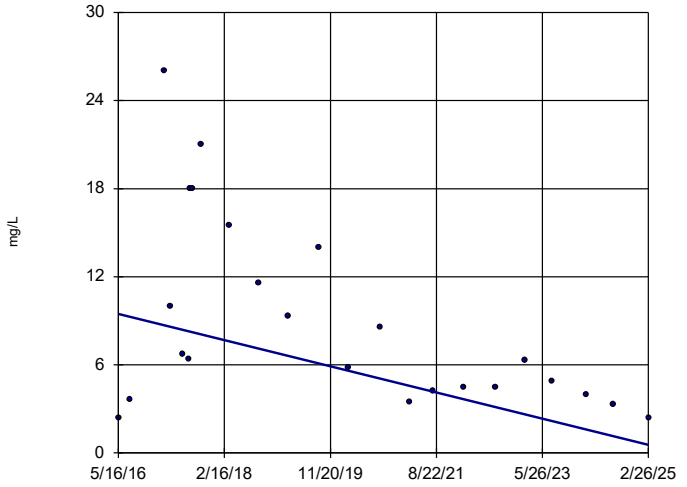
Sen's Slope Estimator

GWA-39RZ (bg)



n = 24

Slope = -1.014 units per year.

Mann-Kendall statistic = -107 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate, total Analysis Run 5/13/2025 1:47 PM View: Appendix III Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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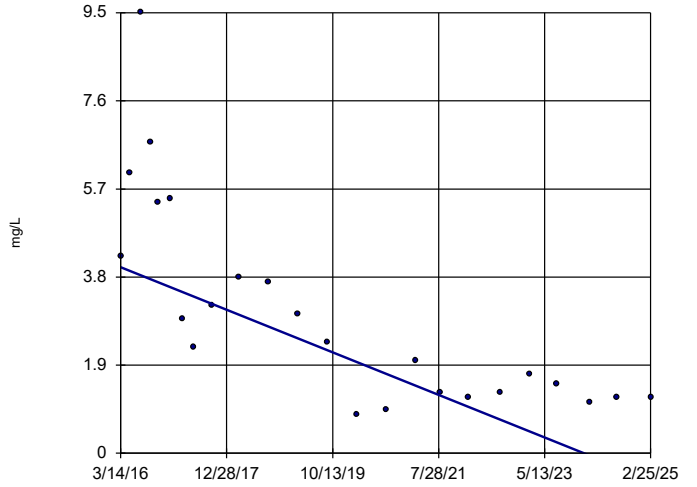
Sen's Slope Estimator

GWA-39Z (bg)



n = 24

Slope = -0.5122 units per year.

Mann-Kendall statistic = -178 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate, total Analysis Run 5/13/2025 1:47 PM View: Appendix III Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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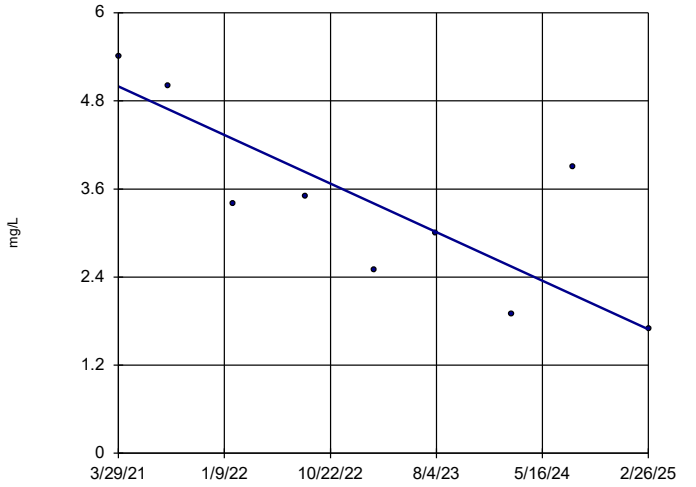
Sen's Slope Estimator

GWA-3A (bg)



n = 9

Slope = -0.8448 units per year.

Mann-Kendall statistic = -22 critical = -25

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate, total Analysis Run 5/13/2025 1:47 PM View: Appendix III Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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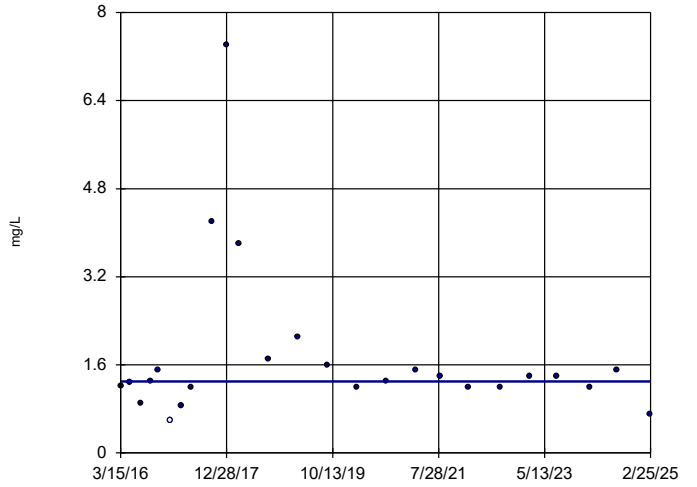
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-40 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = -9 critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate, total Analysis Run 5/13/2025 1:47 PM View: Appendix III Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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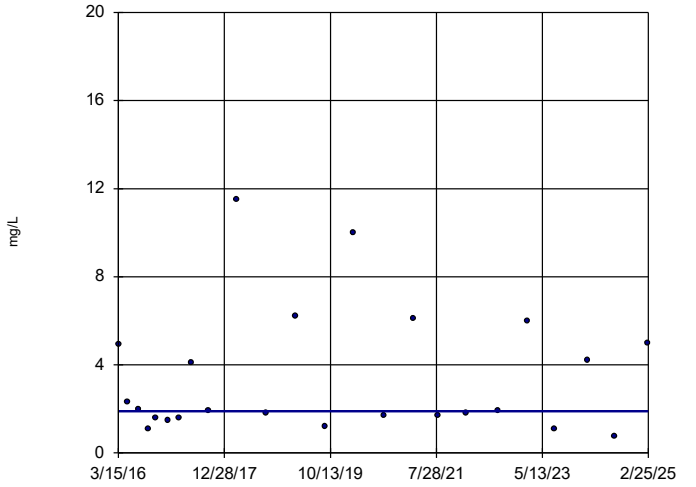
Sen's Slope Estimator

GWA-41 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 1 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate, total Analysis Run 5/13/2025 1:47 PM View: Appendix III Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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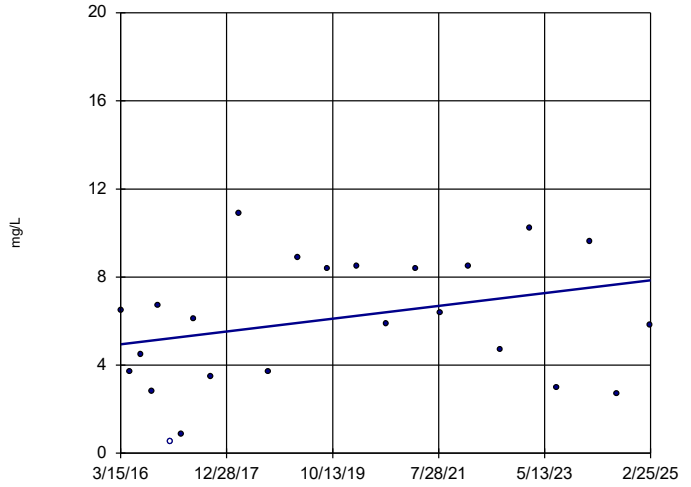
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-41R (bg)



n = 24

Slope = 0.3238 units per year.

Mann-Kendall statistic = 44
critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate, total Analysis Run 5/13/2025 1:47 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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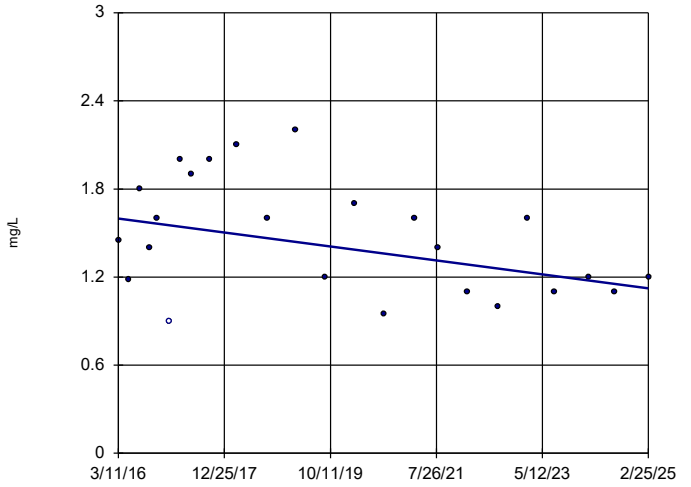
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-42 (bg)



n = 24

Slope = -0.05296 units per year.

Mann-Kendall statistic = -60
critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate, total Analysis Run 5/13/2025 1:47 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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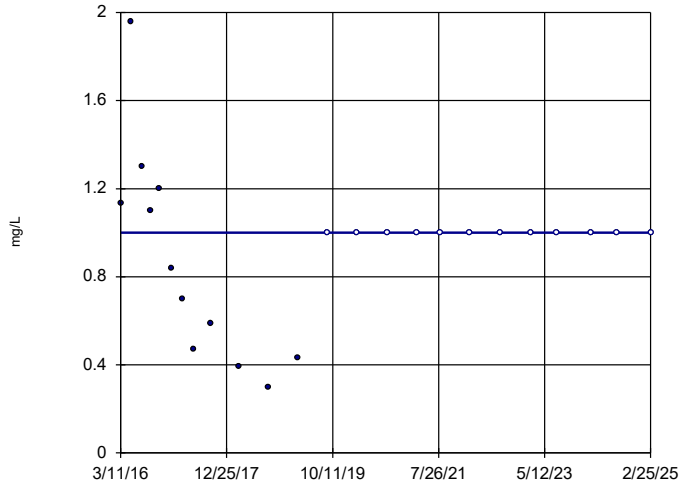
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-43 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -28
critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate, total Analysis Run 5/13/2025 1:47 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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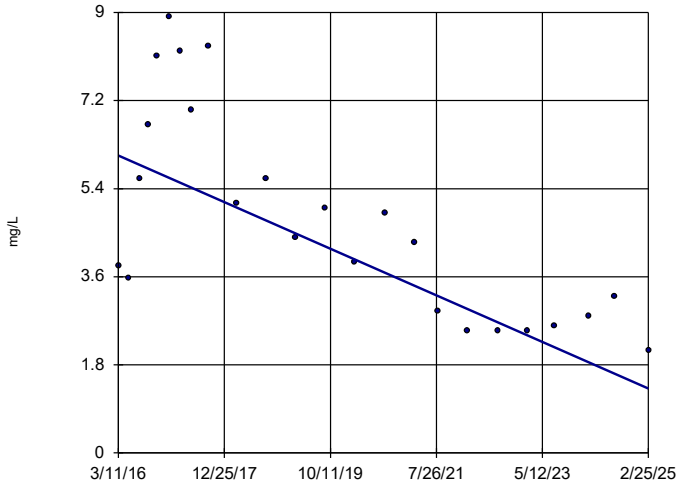
Sen's Slope Estimator

GWA-43R (bg)



n = 24

Slope = -0.5307 units per year.

Mann-Kendall statistic = -148
critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate, total Analysis Run 5/13/2025 1:47 PM View: Appendix III Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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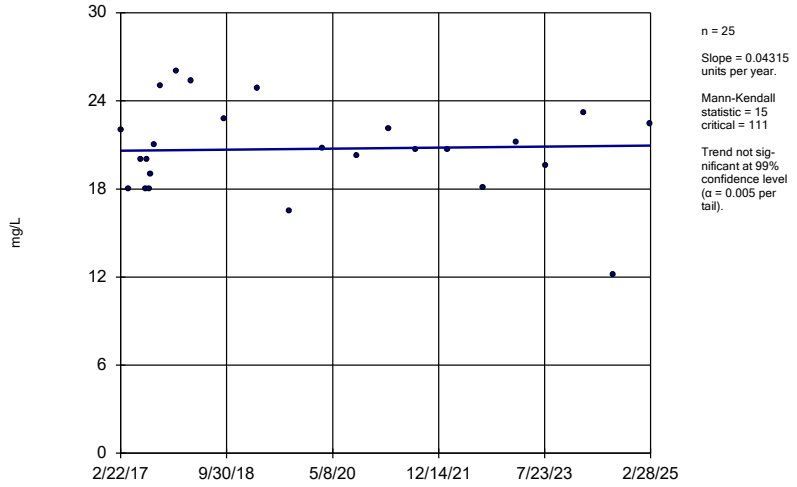
Sen's Slope Estimator

GWA-4RZ (bg)



n = 25

Slope = 0.04315 units per year.

Mann-Kendall statistic = 15 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate, total Analysis Run 5/13/2025 1:47 PM View: Appendix III Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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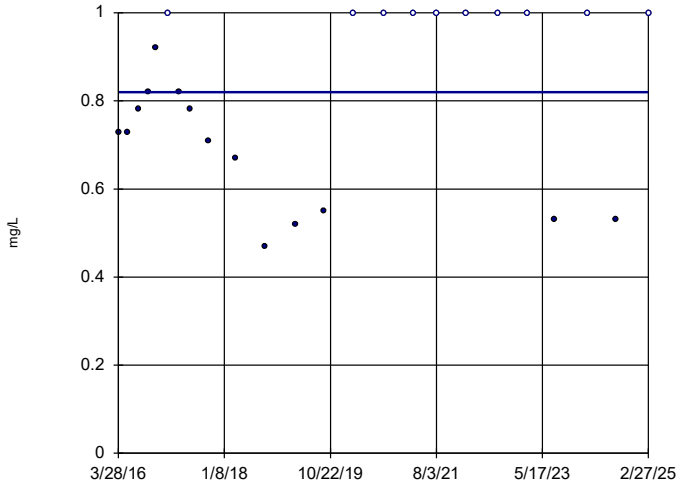
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-50 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 46 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate, total Analysis Run 5/13/2025 1:47 PM View: Appendix III Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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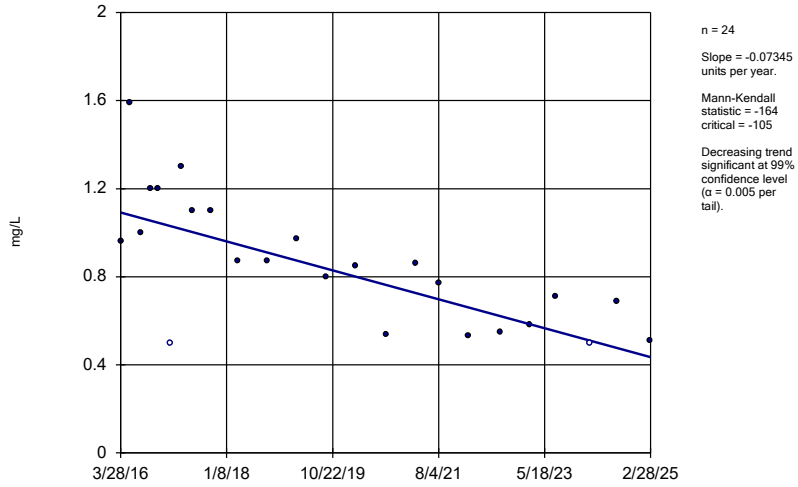
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-50R (bg)



n = 24

Slope = -0.07345 units per year.

Mann-Kendall statistic = -164 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate, total Analysis Run 5/13/2025 1:48 PM View: Appendix III Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

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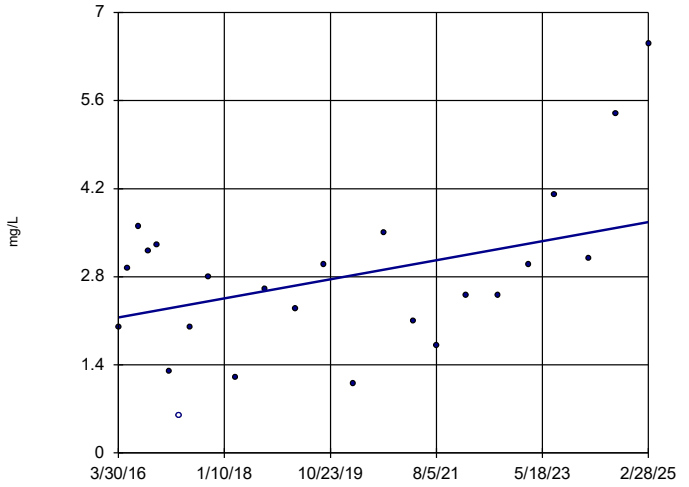
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-9



n = 24

Slope = 0.17 units per year.

Mann-Kendall statistic = 69 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate, total Analysis Run 5/13/2025 1:48 PM View: Appendix III Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

FIGURE N.

Appendix I Intrawell Prediction Limits - Resample - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:33 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	GWC-48	0.01	n/a	5/1/2025	0.006	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2

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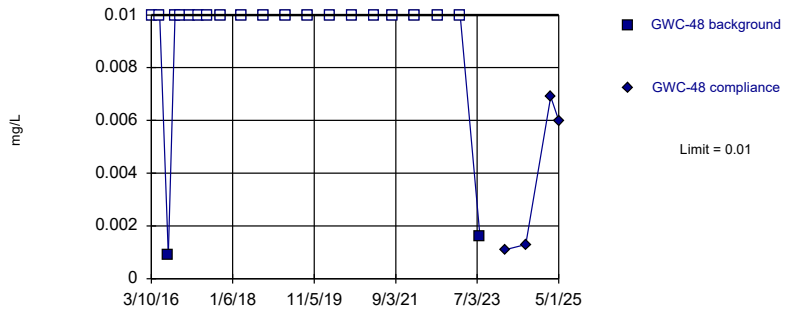
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium Analysis Run 6/23/2025 2:32 PM View: Appendix I Intrawell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/23/2025 2:33 PM View: Appendix I Intrawell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWC-48
3/10/2016	<0.01	
5/17/2016	<0.01	
7/27/2016	0.0009 (J)	
9/20/2016	<0.01	
11/4/2016	<0.01	
1/23/2017	<0.01	
3/28/2017	<0.01	
6/8/2017	<0.01	
9/29/2017	<0.01	
3/15/2018	<0.01	
9/13/2018	<0.01	
3/15/2019	<0.01	
9/11/2019	<0.01 (D)	
3/9/2020	<0.01	
9/14/2020	<0.01	
3/11/2021	<0.01	
8/4/2021	<0.01	
1/31/2022	<0.01	
8/15/2022	<0.01	
2/14/2023	<0.01	
7/26/2023	0.0016 (J)	
2/21/2024		0.0011 (J)
8/5/2024		0.0013 (J)
2/26/2025		0.0069
5/1/2025		0.006 (R)

ND substitution: RL or RL/2 if <15% NDs.

FIGURE O.

Appendix I Interwell Prediction Limits - Resample - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/23/2025, 2:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	GWC-48	0.0005	n/a	5/1/2025	0.00049	No	472	n/a	n/a	95.97	n/a	n/a	0.00004896	NP Inter (NDs) 1 of 2

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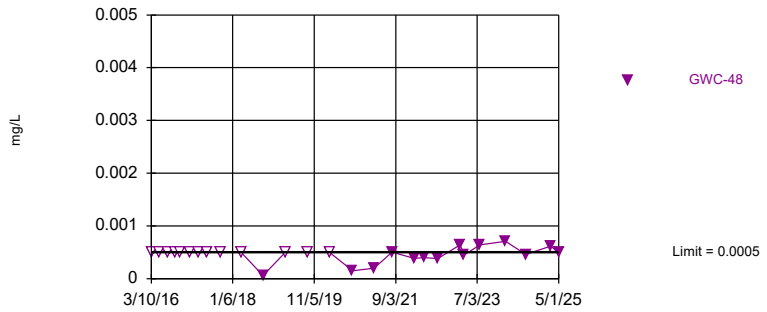
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 472 background values. 95.97% NDs. Annual per-constituent alpha = 0.002543. Individual comparison alpha = 0.00004896 (1 of 2). Assumes 25 future values.

Constituent: Mercury Analysis Run 6/23/2025 2:34 PM View: Appendix I Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:35 PM View: Appendix I Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-3A (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWC-48	GWA-43R (bg)	GWA-42 (bg)
8/23/2007	<0.0005	<0.0005	<0.0005	<0.0005					
10/23/2007	<0.0005								
10/24/2007			<0.0005	<0.0005					
11/2/2007		<0.0005							
11/18/2007	<0.0005	<0.0005	<0.0005	<0.0005					
1/30/2008	<0.0005								
1/31/2008		<0.0005	<0.0005	<0.0005					
3/10/2008	<0.0005			<0.0005					
3/11/2008		<0.0005	<0.0005						
5/6/2008			0.000175						
5/13/2008	<0.0005			<0.0005					
5/14/2008		<0.0005							
12/4/2008			<0.0005	<0.0005					
12/5/2008	<0.0005	<0.0005							
12/12/2008					<0.0005	<0.0005			
4/15/2009	<0.0005	<0.0005							
4/21/2009			<0.0005	<0.0005					
4/23/2009					<0.0005	<0.0005			
10/6/2009					<0.0005	<0.0005			
10/7/2009	<0.0005		<0.0005						
10/8/2009		<0.0005		<0.0005					
4/21/2010				<0.0005					
4/26/2010			<0.0005						
4/27/2010						<0.0005			
4/28/2010		<0.0005							
5/3/2010	<0.0005				<0.0005				
9/28/2010				<0.0005					
9/30/2010						<0.0005			
10/4/2010			<0.0005						
10/6/2010		<0.0005							
10/11/2010					<0.0005				
10/12/2010	<0.0005								
4/12/2011				<0.0005					
4/13/2011			<0.0005						
4/14/2011						<0.0005			
4/21/2011		<0.0005							
4/27/2011	<0.0005				<0.0005				
10/4/2011				<0.0005					
10/5/2011			<0.0005			<0.0005			
10/13/2011		<0.0005							
10/17/2011	<0.0005								
10/19/2011					<0.0005				
4/3/2012				<0.0005					
4/11/2012			<0.0005			<0.0005			
5/1/2012		<0.0005			<0.0005				
5/2/2012	<0.0005								
10/2/2012					<0.0005	<0.0005			
10/8/2012	<0.0005								
10/9/2012		<0.0005	<0.0005	<0.0005					
4/9/2013						<0.0005			
4/10/2013					<0.0005				
4/11/2013		<0.0005		<0.0005					

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:35 PM View: Appendix I Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-3A (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWC-48	GWA-43R (bg)	GWA-42 (bg)
4/12/2013	<0.0005								
4/15/2013			<0.0005						
10/15/2013			<0.0005			<0.0005			
10/16/2013	<0.0005	<0.0005		<0.0005	<0.0005				
4/10/2014				<0.0005		<0.0005			
4/11/2014	<0.0005								
4/22/2014			<0.0005		<0.0005				
4/23/2014		<0.0005							
9/30/2014	<0.0005		<0.0005	<0.0005					
10/1/2014					<0.0005	<0.0005			
10/4/2014		<0.0005							
3/30/2015	<0.0005		<0.0005	<0.0005	<0.0005	2.02E-05 (J)			
3/31/2015		<0.0005							
10/11/2015					<0.0005	<0.0005			
10/12/2015		<0.0005							
10/13/2015	<0.0005		<0.0005	<0.0005					
3/10/2016							<0.0005		
3/11/2016								<0.0005	<0.0005
3/14/2016									
3/15/2016									
3/22/2016	<0.0005								
3/23/2016		<0.0005	<0.0005	<0.0005					
3/28/2016					<0.0005	<0.0005			
5/11/2016									
5/12/2016									
5/13/2016								<0.0005	
5/16/2016									<0.0005
5/17/2016							<0.0005		
5/19/2016	<0.0005			<0.0005					
5/20/2016			<0.0005						
5/23/2016		<0.0005				<0.0005			
5/25/2016					<0.0005				
7/19/2016								<0.0005	
7/20/2016									
7/21/2016									
7/22/2016									<0.0005
7/27/2016							<0.0005		
7/29/2016	<0.0005	<0.0005	<0.0005	<0.0005					
8/1/2016					<0.0005	<0.0005			
9/15/2016									
9/16/2016								<0.0005	
9/19/2016									<0.0005
9/20/2016							<0.0005		
9/21/2016									
9/22/2016		<0.0005		<0.0005					
9/23/2016	<0.0005		<0.0005						
9/26/2016					<0.0005	<0.0005			
11/2/2016								<0.0005	
11/3/2016									<0.0005
11/4/2016							<0.0005		
11/9/2016	<0.0005		<0.0005						
11/10/2016		<0.0005		<0.0005		<0.0005			

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:35 PM View: Appendix I Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-3A (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWC-48	GWA-43R (bg)	GWA-42 (bg)
11/11/2016					<0.0005				
1/17/2017									<0.0005
1/18/2017								<0.0005	
1/23/2017							<0.0005		
1/30/2017	<0.0005				<0.0005	<0.0005			
1/31/2017		<0.0005	<0.0005	<0.0005					
2/21/2017									
2/22/2017									
3/24/2017									
3/27/2017									<0.0005
3/28/2017							<0.0005	<0.0005	
3/30/2017	<0.0005	<0.0005	<0.0005						
4/3/2017				<0.0005	<0.0005				
4/7/2017						<0.0005			
5/24/2017									
6/6/2017								<0.0005	
6/7/2017									<0.0005
6/8/2017							<0.0005		
6/9/2017	<0.0005			<0.0005					
6/12/2017		<0.0005	<0.0005		<0.0005	<0.0005			
6/14/2017									
7/12/2017									
7/17/2017									
7/20/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/24/2017									
9/22/2017								<0.0005	
9/25/2017									
9/26/2017									<0.0005
9/29/2017							<0.0005		
10/2/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
10/3/2017									
10/4/2017		<0.0005							
3/14/2018									<0.0005
3/15/2018							<0.0005	<0.0005	
3/16/2018	<0.0005			<0.0005	<0.0005	<0.0005			
3/19/2018		<0.0005	<0.0005						
3/21/2018									
9/12/2018								3.9E-05 (J)	
9/13/2018							6.2E-05 (J)		
9/14/2018			<0.0005	<0.0005					3.8E-05 (J)
9/17/2018	<0.0005 (D)	<0.0005				<0.0005			
9/18/2018					<0.0005				
3/13/2019								<0.0005	
3/14/2019									<0.0005
3/15/2019							<0.0005		
3/19/2019				<0.0005	<0.0005	<0.0005			
3/20/2019	<0.0005	<0.0005	<0.0005						
3/21/2019									
9/9/2019									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:35 PM View: Appendix I Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-3A (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWC-48	GWA-43R (bg)	GWA-42 (bg)
9/10/2019									<0.0005
9/11/2019							<0.0005 (D)	<0.0005	
9/12/2019	<0.0005		<0.0005 (D)		<0.0005				
9/13/2019		<0.0005		<0.0005		<0.0005			
3/6/2020									<0.0005
3/9/2020							<0.0005	<0.0005	
3/11/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
3/12/2020									
9/10/2020									<0.0005
9/11/2020									
9/14/2020							0.00015 (J)	<0.0005	
9/15/2020	<0.0005		<0.0005	<0.0005	<0.0005				
9/16/2020						<0.0005			
9/17/2020									
3/10/2021									
3/11/2021							0.0002 (J)	<0.0005	<0.0005
3/12/2021									
3/16/2021	<0.0005			<0.0005					
3/17/2021			<0.0005		<0.0005	<0.0005			
3/29/2021		<0.0005							
8/4/2021							0.0005		8E-05 (J)
8/5/2021								9.6E-05 (J)	
8/6/2021									
8/9/2021	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
8/10/2021									
1/31/2022							0.00039	<0.0005	<0.0005
2/1/2022	<0.0005		<0.0005	<0.0005		<0.0005			
2/2/2022		<0.0005			<0.0005				
2/3/2022									
4/28/2022							0.0004		
8/10/2022								<0.0005	<0.0005
8/11/2022									
8/12/2022									
8/15/2022							0.00038		
8/16/2022	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005			
8/17/2022					<0.0005				
2/13/2023								<0.0005	0.00014 (J)
2/14/2023							0.00064		
2/16/2023	0.00017 (J)		0.00013 (J)	<0.0005	<0.0005	<0.0005			
2/17/2023		0.00013 (J)							
3/16/2023							0.00045		
7/25/2023								<0.0005	
7/26/2023							0.00064		<0.0005
7/27/2023	<0.0005		<0.0005	<0.0005					
7/28/2023					<0.0005	<0.0005			
8/1/2023		<0.0005							
2/19/2024									
2/20/2024								<0.0005	<0.0005
2/21/2024							0.00071		
2/22/2024	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005			
2/26/2024				<0.0005					
2/27/2024									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:35 PM View: Appendix I Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-1 (bg)	GWA-3A (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWC-48	GWA-43R (bg)	GWA-42 (bg)
8/1/2024									<0.0005
8/2/2024								<0.0005	
8/5/2024							0.00046		
8/6/2024				<0.0005					
8/7/2024	<0.0005		<0.0005						
8/8/2024		<0.0005			<0.0005	<0.0005			
2/25/2025								<0.0005	<0.0005
2/26/2025		<0.0005					0.00062		
2/27/2025	<0.0005		<0.0005	<0.0005		<0.0005			
2/28/2025					<0.0005				
5/1/2025							0.00049 (R)		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:35 PM View: Appendix I Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
8/23/2007							
10/23/2007							
10/24/2007							
11/2/2007							
11/18/2007							
1/30/2008							
1/31/2008							
3/10/2008							
3/11/2008							
5/6/2008							
5/13/2008							
5/14/2008							
12/4/2008							
12/5/2008							
12/12/2008							
4/15/2009							
4/21/2009							
4/23/2009							
10/6/2009							
10/7/2009							
10/8/2009							
4/21/2010							
4/26/2010							
4/27/2010							
4/28/2010							
5/3/2010							
9/28/2010							
9/30/2010							
10/4/2010							
10/6/2010							
10/11/2010							
10/12/2010							
4/12/2011							
4/13/2011							
4/14/2011							
4/21/2011							
4/27/2011							
10/4/2011							
10/5/2011							
10/13/2011							
10/17/2011							
10/19/2011							
4/3/2012							
4/11/2012							
5/1/2012							
5/2/2012							
10/2/2012							
10/8/2012							
10/9/2012							
4/9/2013							
4/10/2013							
4/11/2013							

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:35 PM View: Appendix I Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
4/12/2013							
4/15/2013							
10/15/2013							
10/16/2013							
4/10/2014							
4/11/2014							
4/22/2014							
4/23/2014							
9/30/2014							
10/1/2014							
10/4/2014							
3/30/2015							
3/31/2015							
10/11/2015							
10/12/2015							
10/13/2015							
3/10/2016							
3/11/2016	<0.0005						
3/14/2016		<0.0005					
3/15/2016			<0.0005	<0.0005	<0.0005		
3/22/2016							
3/23/2016							
3/28/2016							
5/11/2016		<0.0005	<0.0005				
5/12/2016				<0.0005			
5/13/2016	<0.0005				<0.0005		
5/16/2016						<0.0005 (D)	
5/17/2016							
5/19/2016							
5/20/2016							
5/23/2016							
5/25/2016							
7/19/2016	<0.0005	<0.0005					
7/20/2016				<0.0005			
7/21/2016			<0.0005		<0.0005		
7/22/2016							
7/27/2016						<0.0005 (D)	
7/29/2016							
8/1/2016							
9/15/2016		<0.0005	<0.0005	<0.0005			
9/16/2016	<0.0005						
9/19/2016							
9/20/2016							
9/21/2016					<0.0005		
9/22/2016							
9/23/2016							
9/26/2016							
11/2/2016	<0.0005	<0.0005					
11/3/2016			<0.0005	<0.0005	<0.0005		
11/4/2016							
11/9/2016							
11/10/2016							

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:35 PM View: Appendix I Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
11/11/2016							
1/17/2017			<0.0005		<0.0005		
1/18/2017	<0.0005	<0.0005		<0.0005			
1/23/2017							
1/30/2017							
1/31/2017							
2/21/2017						<0.0005	
2/22/2017							<0.0005
3/24/2017			<0.0005	<0.0005			
3/27/2017					<0.0005	<0.0005 (D)	
3/28/2017	<0.0005	<0.0005					
3/30/2017							
4/3/2017							
4/7/2017							<0.0005
5/24/2017			<0.0005				
6/6/2017	<0.0005			<0.0005	<0.0005		
6/7/2017		<0.0005					
6/8/2017						<0.0005 (D)	
6/9/2017							
6/12/2017							
6/14/2017							0.000286 (JD)
7/12/2017							<0.0005 (D)
7/17/2017						<0.0005 (D)	
7/20/2017							<0.0005 (D)
7/27/2017						<0.0005	
7/28/2017							<0.0005
8/9/2017						<0.0005	<0.0005
8/24/2017							<0.0005
9/22/2017	<0.0005						
9/25/2017				<0.0005	<0.0005		
9/26/2017		<0.0005	<0.0005				
9/29/2017						<0.0005 (D)	
10/2/2017							
10/3/2017							<0.0005 (D)
10/4/2017							
3/14/2018	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
3/15/2018							
3/16/2018						<0.0005	
3/19/2018							
3/21/2018							<0.0005
9/12/2018	<0.0005	<0.0005	3.8E-05 (J)	<0.0005	<0.0005		
9/13/2018							
9/14/2018						4.1E-05 (J)	
9/17/2018							
9/18/2018							<0.0005
3/13/2019	<0.0005		<0.0005				
3/14/2019				<0.0005	<0.0005	<0.0005	
3/15/2019		<0.0005					
3/19/2019							
3/20/2019							
3/21/2019							<0.0005 (D)
9/9/2019		<0.0005	<0.0005				

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:35 PM View: Appendix I Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
9/10/2019				<0.0005 (D)	<0.0005		
9/11/2019	<0.0005						
9/12/2019							<0.0005 (D)
9/13/2019							
3/6/2020				<0.0005			
3/9/2020	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	
3/11/2020							
3/12/2020							<0.0005
9/10/2020		<0.0005		<0.0005	<0.0005		
9/11/2020	<0.0005		<0.0005				
9/14/2020							
9/15/2020							
9/16/2020						<0.0005	
9/17/2020							<0.0005
3/10/2021			<0.0005		<0.0005		
3/11/2021	<0.0005			<0.0005			
3/12/2021		<0.0005					
3/16/2021						<0.0005	<0.0005
3/17/2021							
3/29/2021							
8/4/2021		0.00012 (J)	9.4E-05 (J)	9E-05 (J)	9.4E-05 (J)		
8/5/2021							
8/6/2021	<0.0005					<0.0005	
8/9/2021							
8/10/2021							<0.0005
1/31/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
2/1/2022							
2/2/2022						<0.0005	
2/3/2022							<0.0005
4/28/2022							
8/10/2022		<0.0005					
8/11/2022	<0.0005			<0.0005	<0.0005		
8/12/2022			<0.0005				
8/15/2022							
8/16/2022						<0.0005	
8/17/2022							<0.0005
2/13/2023		<0.0005	<0.0005	0.00017 (J)	0.00013 (J)		
2/14/2023	<0.0005					<0.0005	
2/16/2023							
2/17/2023							<0.0005
3/16/2023							
7/25/2023	<0.0005			<0.0005	<0.0005	<0.0005	
7/26/2023		<0.0005	<0.0005				
7/27/2023							
7/28/2023							<0.0005
8/1/2023							
2/19/2024		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
2/20/2024	<0.0005						
2/21/2024							
2/22/2024							
2/26/2024							
2/27/2024							<0.0005

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/23/2025 2:35 PM View: Appendix I Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-43 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
8/1/2024		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
8/2/2024	<0.0005						
8/5/2024							
8/6/2024							
8/7/2024							
8/8/2024							<0.0005
2/25/2025	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
2/26/2025						<0.0005	
2/27/2025							
2/28/2025							<0.0005
5/1/2025							

ND substitution: RL or RL/2 if <15% NDs.

FIGURE P.

Appendix III Interwell Prediction Limits - Resample - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10 Printed 6/9/2025, 2:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH (pH_units)	GWC-48	8.04	4.24	5/1/2025	4.92	No	370	n/a	n/a	0	n/a	n/a	0.00009793	NP Inter (normality) 1 of 2

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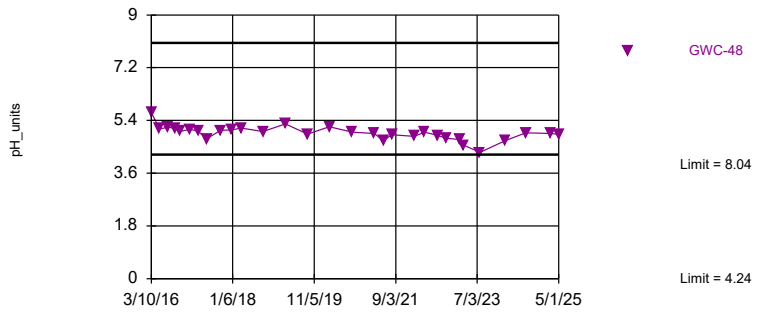
Within Limits

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 370 background values. Annual per-constituent alpha = 0.005086. Individual comparison alpha = 0.00009793 (1 of 2). Assumes 25 future values.

Constituent: pH Analysis Run 6/9/2025 2:23 PM View: Appendix III Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

Prediction Limit

Constituent: pH (pH_units) Analysis Run 6/9/2025 2:24 PM View: Appendix III Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWA-43R (bg)	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-1 (bg)
3/10/2016	5.66								
3/11/2016		7.89	6.43	7.37					
3/14/2016					6.91				
3/15/2016						6.74	7.15	7.58	
3/22/2016									7.65
3/23/2016									
3/28/2016									
5/11/2016					6.51			7.24	
5/12/2016						6.41			
5/13/2016		7.86	6.8				7.29		
5/16/2016				7.55					
5/17/2016	5.11								
5/19/2016									7.6
5/20/2016									
5/23/2016									
5/25/2016									
7/19/2016		7.83	6.42		6.12				
7/20/2016						6.59			
7/21/2016							7.43	7.53	
7/22/2016				7.51					
7/27/2016	5.17								
7/29/2016									7.58
8/1/2016									
9/15/2016					5.96			7	
9/16/2016		7.75	6.19						
9/19/2016				7.52				7.19	
9/20/2016	5.12								
9/21/2016							7.05		
9/22/2016									
9/23/2016									7.57
9/26/2016									
11/2/2016		7.77	6.36		5.78				
11/3/2016				7.56		6.45	7.4	7.13	
11/4/2016	5.03								
11/9/2016									7.45
11/10/2016									
11/11/2016									
1/17/2017				7.59			7.06	7.51	
1/18/2017		7.65	6.16		6.13	6.34			
1/23/2017	5.1								
1/30/2017									7.64
1/31/2017									
2/21/2017									
2/22/2017									
3/24/2017						6.42		7.55	
3/27/2017				7.63			7.13		
3/28/2017	5.03	7.79	5.8		6.59				
3/30/2017									7.51
4/3/2017									
4/7/2017									
5/24/2017								7.6	
6/6/2017		7.89	5.97			6.82	7.18		

Prediction Limit

Constituent: pH (pH_units) Analysis Run 6/9/2025 2:24 PM View: Appendix III Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWA-43R (bg)	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-1 (bg)
6/7/2017				7.55	6.72				
6/8/2017	4.77								
6/9/2017									7.6
6/12/2017									
6/14/2017									
7/11/2017									
7/12/2017									
7/17/2017									
7/19/2017									
7/20/2017									
7/26/2017									
7/27/2017									
7/28/2017									
8/8/2017									
8/9/2017									
8/23/2017									
8/24/2017									
9/22/2017		7.8	5.77						
9/25/2017						6.63	6.88		
9/26/2017				7.59	7.05			7.66	
9/29/2017	5.06								
10/2/2017									7.55
10/3/2017									
10/4/2017									
12/28/2017	5.07 (Y)	7.78 (Y)			6.79 (Y)			7.34 (Y)	
3/14/2018			5.85	7.6	7.42	7.08	7.04	7.56	
3/15/2018	5.14	7.66							
3/16/2018									7.58
3/19/2018									
3/21/2018									
9/12/2018		7.75	5.65		6.86	6.54	7.02	7.12	
9/13/2018	5.02								
9/14/2018				7.37					
9/17/2018									7.53 (D)
9/18/2018									
3/13/2019		7.84	5.63					7.12	
3/14/2019				7.57		6.58	6.93		
3/15/2019	5.28				6.78				
3/19/2019									
3/20/2019									7.64
3/21/2019									
9/9/2019					6.49			7.07	
9/10/2019				7.53		5.66	6.72		
9/11/2019	4.93	7.75	5.53						
9/12/2019									7.36
9/13/2019									
3/6/2020				7.42		6.82			
3/9/2020	5.18	7.73	5.5		5.9		6.7	7.5	
3/11/2020									7.51
3/12/2020									
9/10/2020				7.48	5.53	6.4	6.67		
9/11/2020			6.25					6.98	

Prediction Limit

Constituent: pH (pH_units) Analysis Run 6/9/2025 2:24 PM View: Appendix III Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWA-43R (bg)	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-1 (bg)
9/14/2020	5	7.76							
9/15/2020									7.43
9/16/2020									
9/17/2020									
3/10/2021							7.3	7.3	
3/11/2021	4.95	7.81	5.55	7.53		6.8			
3/12/2021					6.39				
3/16/2021									7.57
3/17/2021									
3/29/2021									
5/26/2021	4.72								
8/4/2021	4.91			7.35	6.21	6.34	7.15	6.79	
8/5/2021		7.75							
8/6/2021			5.52						
8/9/2021									7.44
8/10/2021									
1/31/2022	4.86	8.04	5.71	7.17	6.41	6.02	6.63	6.85	
2/1/2022									7.52
2/2/2022									
2/3/2022									
4/28/2022	5								
8/10/2022		7.72		7.26	6.07				
8/11/2022			5.64			6.29	7.12		
8/12/2022								6.83	
8/15/2022	4.89								
8/16/2022									7.36
8/17/2022									
10/21/2022	4.79								
2/13/2023		7.82		6.83	6.35	6.25	6.45	6.94	
2/14/2023	4.75		5.24						
2/16/2023									7.39
2/17/2023									
3/16/2023	4.55								
7/25/2023		7.31	4.64			5.58	6.19		
7/26/2023	4.31			6.92	5.77			6.46	
7/27/2023									7.08
7/28/2023									
8/1/2023									
2/19/2024					6.34	6.17	6.79	6.75	
2/20/2024		7.82	5.31	7.39					
2/21/2024	4.71								
2/22/2024									6.97
2/26/2024									
2/27/2024									
8/1/2024				7.49	5.88	6.03	7.17	7.06	
8/2/2024		7.74	5.28						
8/5/2024	4.98								
8/6/2024									
8/7/2024									7.51
8/8/2024									
2/25/2025		7.77	5.28	7.41	6.66	6.8	6.63	7.51	
2/26/2025	4.95								

Prediction Limit

Constituent: pH (pH_units) Analysis Run 6/9/2025 2:24 PM View: Appendix III Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWC-48	GWA-43R (bg)	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-1 (bg)
2/27/2025									7.5
2/28/2025									
5/1/2025	4.92 (R)								

Prediction Limit

Constituent: pH (pH_units) Analysis Run 6/9/2025 2:24 PM View: Appendix III Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R (bg)	GWA-3A (bg)	GWA-2 (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
3/10/2016							
3/11/2016							
3/14/2016							
3/15/2016							
3/22/2016							
3/23/2016	7.45	5.96	6.7				
3/28/2016				6.45	6.22		
5/11/2016							
5/12/2016							
5/13/2016							
5/16/2016						7.61 (D)	
5/17/2016							
5/19/2016	7.5						
5/20/2016			6.36				
5/23/2016		5.73			5.86		
5/25/2016				6.96			
7/19/2016							
7/20/2016							
7/21/2016							
7/22/2016							
7/27/2016						7.51 (D)	
7/29/2016	7.59	5.51	6.75				
8/1/2016				5.64	6.39		
9/15/2016							
9/16/2016							
9/19/2016							
9/20/2016							
9/21/2016							
9/22/2016	7.44	5.45					
9/23/2016			6.62				
9/26/2016				6.26	5.74		
11/2/2016							
11/3/2016							
11/4/2016							
11/9/2016			6.42				
11/10/2016	7.55	5.51			5.78		
11/11/2016				5.62			
1/17/2017							
1/18/2017							
1/23/2017							
1/30/2017				5.49	5.88		
1/31/2017	7.56	5.42	5.66				
2/21/2017						7.76 (D)	
2/22/2017							7.38 (D)
3/24/2017							
3/27/2017						7.7 (D)	
3/28/2017							
3/30/2017		5.43	6.33				
4/3/2017	7.46			6.32			
4/7/2017					5.94		7.35 (D)
5/24/2017							
6/6/2017							

Prediction Limit

Constituent: pH (pH_units) Analysis Run 6/9/2025 2:24 PM View: Appendix III Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R (bg)	GWA-3A (bg)	GWA-2 (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
6/7/2017							
6/8/2017						7.69 (D)	
6/9/2017	7.24						
6/12/2017		5.47	6.6	6.48	5.81		
6/14/2017							7.3 (D)
7/11/2017							7.39
7/12/2017							7.39 (D)
7/17/2017						7.57 (D)	
7/19/2017							7.44
7/20/2017							7.44 (D)
7/26/2017						7.63	
7/27/2017						7.63	7.5
7/28/2017							7.5
8/8/2017						7.73	7.52
8/9/2017						7.73	7.52
8/23/2017							7.5
8/24/2017							7.5
9/22/2017							
9/25/2017							
9/26/2017							
9/29/2017						7.7 (D)	
10/2/2017	7.35		5.61	6.41	5.93		
10/3/2017							7.51 (D)
10/4/2017		5.23					
12/28/2017							7.32 (Y)
3/14/2018							
3/15/2018							
3/16/2018	7.31			5.46	5.64	7.49	
3/19/2018		5.4	6.55				
3/21/2018							7.3
9/12/2018							
9/13/2018							
9/14/2018	7.55		5.81			7.32	
9/17/2018		5.22			5.82		
9/18/2018				5.35			7.26
3/13/2019							
3/14/2019						7.46	
3/15/2019							
3/19/2019	7.2			6.01	5.93		
3/20/2019		5.22	5.71				
3/21/2019							7.28 (D)
9/9/2019							
9/10/2019						7.48	
9/11/2019							
9/12/2019			5.45 (D)	5.89			7.2 (D)
9/13/2019	7.29	5.07			5.61		
3/6/2020							
3/9/2020						7.68	
3/11/2020	7.09	5.31	6.56	5.4	5.57		
3/12/2020							7.55
9/10/2020							
9/11/2020							

Prediction Limit

Constituent: pH (pH_units) Analysis Run 6/9/2025 2:24 PM View: Appendix III Interwell - Resample

Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R (bg)	GWA-3A (bg)	GWA-2 (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
9/14/2020							
9/15/2020	7.45		6.38	5.26			
9/16/2020					5.62	7.68	
9/17/2020							7.42
3/10/2021							
3/11/2021							
3/12/2021							
3/16/2021	7.51					7.85	7.4
3/17/2021			6.58	6.31	5.64		
3/29/2021		8.04					
5/26/2021							
8/4/2021							
8/5/2021							
8/6/2021						7.09	
8/9/2021	6.63	7.85	6.47	5.16	5.34		
8/10/2021							7.2
1/31/2022							
2/1/2022	6.62		6.3		5.61		
2/2/2022		7.94		5.17		6.89	
2/3/2022							7.2
4/28/2022							
8/10/2022							
8/11/2022							
8/12/2022							
8/15/2022							
8/16/2022	7.11	7.74	6.63		5.29	7.45	
8/17/2022				5.7			6.49
10/21/2022							
2/13/2023							
2/14/2023						7.48	
2/16/2023	7.02		6.56	4.73	4.95		
2/17/2023		7.71					6.98
3/16/2023							
7/25/2023						7.19	
7/26/2023							
7/27/2023	6.49		6.06				
7/28/2023				4.24	4.66		6.815 (D)
8/1/2023		7.66					
2/19/2024						7.7	
2/20/2024							
2/21/2024							
2/22/2024		7.89	6.03	5.09	5.6		
2/26/2024	6.85						
2/27/2024							7.11
8/1/2024						7.08	
8/2/2024							
8/5/2024							
8/6/2024	7.61						
8/7/2024			6.73				
8/8/2024		7.86		4.25	4.68		7.01
2/25/2025							
2/26/2025		7.93				7.4	

Prediction Limit

Constituent: pH (pH_units) Analysis Run 6/9/2025 2:24 PM View: Appendix III Interwell - Resample
Plant Bowen Client: Southern Company Data: Bowen 1, 2, 9, and 10

	GWA-2R (bg)	GWA-3A (bg)	GWA-2 (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)
2/27/2025	7.18		6.7		5.64		
2/28/2025				5.04			7.25
5/1/2025							

GROUNDWATER STATS CONSULTING

August 29, 2025

Southern Company Services
Attn: Ms. Kristen Jurinko
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Bowen Landfill Cells 3 & 4
February 2025 Statistical Analysis

Dear Ms. Jurinko,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the statistical analysis of groundwater quality for the February 2025 sample event for Georgia Power Company's Plant Bowen Landfill Cells 3 & 4. The analysis complies with the federal rule for the Disposal of Coal Combustion Residuals (CCR) from Electric Utilities (CCR Rule, 2015), the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10, and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Semi-annual sampling is conducted for USEPA's CCR Appendix III parameters, in addition to 16 parameters in accordance with the Georgia EPD's Solid Waste Permit. The monitoring well network, as provided by Southern Company Services, consists of the following:

The current monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient**: GWA-1, GWA-2, GWA-2R, GWA-3A, GWA-4RZ, GWA-39RZ, GWA-39Z, GWA-40, GWA-41, GWA-41R, GWA-42, GWA-43, GWA-43R, GWA-50, GWA-50R,
  - **Abandoned Upgradient**: GWA-51RZ, GWA-52, GWA-53, GWA-53R, GWA-54, GWA-55, GWA-55R, and GWA-56

- **Downgradient**: GWC-16R, GWC-17R, GWC-18, GWC-18R, GWC-19R, GWC-20R, GWC-21R, GWC-22R, GWC-23R, GWC-24R, GWC-25R, and GWC-36A, GWC-36RA, GWC-37, and GWC-38 (formerly GWA-36A, GWA-36RA, GWA-37, and GWA-38, respectively)

Note that upgradient well GWA-3 was replaced with well GWA-3A, which was first sampled in March 2021. As discussed, data from well GWA-3 have been combined with data from replacement well GWA-3A. A minimum of 8 samples has been collected from new well GWA-3A; therefore, the Mann-Whitney test of medians is used to compare newer observations collected only from well GWA-3A to historical observations collected from well GWA-3 for Appendix I and III constituents evaluated with intrawell prediction limits to determine whether the medians of data are statistically significantly different. In cases where statistically significant differences are identified at the 99% confidence level, the historical record is truncated so that only data from the new well is evaluated for the Appendix I and III constituents with intrawell prediction limits. This process is described below. For Appendix III constituents evaluated with interwell prediction limits, since these limits are constructed using pooled upgradient well data, trend tests will be used on the full record for well GWA-3A to determine if statistically significant increasing or decreasing trends in groundwater quality are present.

As described in the Minor Modification demonstration, data from upgradient wells GWA-51RZ, GWA-52, GWA-53, GWA-53R, GWA-54, GWA-55, GWA-55R, and GWA-56 (50-series upgradient wells), which represent historical groundwater quality upgradient of Cells 3 & 4 based on groundwater flow, are pooled with existing upgradient wells for the purpose of combining data for construction interwell prediction limits. While the 50-series upgradient wells are no longer sampled, data from these wells are included in the construction of interwell statistical limits, but are not evaluated with intrawell prediction limits.

Note that downgradient wells GWA-36A, GWA-36RA, GWA-37, and GWA-38 are referenced as GWC wells, as mentioned above, similar to neighboring downgradient wells. Well GWC-36A was originally installed as a replacement well for upgradient well GWA-36, which was abandoned due to a damaged well casing in 2022, but has been redesignated as a downgradient well, as discussed earlier. Well GWC-36A will be evaluated with intrawell prediction limits once the required minimum 8 samples are available.

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Senior Statistician and Founder of Groundwater Stats Consulting. The analysis was prepared according to the recommended statistical

methodology provided in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting and primary author of the USEPA Unified Guidance.

The constituents listed below are evaluated in this report. The terms "parameters" and "constituents" are interchangeable.

- **CCR Appendix III:** boron, calcium, chloride, fluoride, pH, sulfate, and total dissolved solids (TDS)
- **Georgia Appendix I EPD:** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Note that when there are no detections present in downgradient wells for a given constituent, statistical analyses are not required. A summary of Appendix I well/constituent pairs with 100% non-detects follows this letter.

Time series plots for all well/constituent pairs are provided and are particularly useful for screening parameters detected in downgradient wells which require statistical analyses (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs. A summary of flagged outliers follows this report (Figure C).

Due to varying detection limits in background data sets, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair. In some cases, the reporting limit provided by the laboratory contains varying limits for a given parameter; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case.

Reporting limit changes may occur depending on laboratory capabilities. In the cases of beryllium, mercury, and selenium, a change in laboratories resulted in a decrease in the reporting limits. The historic reporting limits of 0.003 mg/L for beryllium, 0.0005 mg/L for mercury, and 0.01 mg/L for selenium were substituted in place of the most recent reporting limits of 0.0005 mg/L for beryllium, 0.0002 mg/L for mercury, and 0.005 mg/L for selenium, as discussed with Stantec.

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided with the update to demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following statistical methods:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (all parameters)
- # Constituents: 16
- # Downgradient wells: 15

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan – (chloride, pH, sulfate, and TDS)
- Interwell Prediction Limits with 1-of-2 resample plan – (boron, calcium, fluoride)
- # Constituents: 7
- # Downgradient wells: 15

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric limits. This technique

adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In the intrawell case, data for all wells and constituents may be re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, the earlier portion of data are deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts in downgradient wells. Intrawell methods use background data for individual wells and may be overly sensitive to spatial variation. In particular for nonparametric limits with small background sample sizes, the probability of a false positive is much higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of spatial variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSIs) that result from spatial variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United States Environmental Protection Agency (USEPA)

Unified Guidance, March 2009, Chapter 19). When the resample confirms the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed statistically significant increase (SSI).

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an initial intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of spatial variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of variation rather than a result of impact to groundwater quality downgradient of the facility.

Summary of Background Screening Georgia EPD Constituents – Conducted in August 2019

A summary of the initial background screening is provided below for historical purposes. As mentioned earlier, the current monitoring well network is in accordance with the 2024 Minor Modification demonstration.

Outliers Analysis

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers for all wells and parameters are formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of Tukey's outlier test as well as a discussion of potential outliers and flagged values were included with the background screening report.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trend Testing

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells and downgradient wells with detections.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the influence of the trend and reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

Several statistically significant decreasing trends were noted, but adjustments were required only for barium in well GWA-53, copper in well GWA-37, and nickel in well GWC-16R. The magnitudes of all other trends were low relative to the average concentrations at each respective well. However, the decreasing trend for the zinc record at well GWC-16R may require adjustment in the future, if it persists, in order to obtain a more conservative prediction limit. Statistically significant increasing trends were also noted but adjustments to eliminate the trends were required only for barium and zinc in upgradient well GWA-36 because the magnitudes of trends identified for all other well/constituent pairs were low relative to the average concentrations. Truncation of earlier data was based on the assumption that the increasing trend was not the result of the facility. A summary of the background date ranges used for well/constituent pairs was submitted with the screening.

Summary of Appendix I & Appendix III Background Update – Conducted in 2024

Outlier Analysis

Prior to updating background data, all Appendix I and III data were evaluated for the purpose of updating background data sets. Tukey's outlier test and visual screening were used to evaluate data for all wells and constituent through August 2023. Tukey's test identified several potential outliers and confirmed previously flagged values. A high measurement for TDS in downgradient well GWC-22R was flagged during the update to construct statistical limits that are conservative (i.e., lower) from a regulatory perspective. Additionally, high values that were not identified by Tukey's test (such as the highest value for calcium at upgradient well GWA-43) were flagged as outliers to reduce variation among background datasets which results in statistical limits that are conservative (in most cases, lower) from a regulatory perspective. Previously flagged outliers for antimony at upgradient well GWA-1 and beryllium at upgradient well GWA-42 were unflagged as the measurements were similar to more recent concentrations.

Any flagged data are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages. The Appendix I and III outliers are included in the outlier summary following this letter (Figure C).

Mann-Whitney

For all Appendix I and III constituents evaluated with intrawell prediction limits (calcium, pH, sulfate, and TDS), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through August 2021 to the new compliance samples at each well through August 2023. When the medians of the two groups are not statistically significantly different at the 99% confidence level, background data sets are updated to include the newer compliance data. Several well/constituent pairs with statistically significant results were identified.

Typically, when the test concludes that the medians of the two groups are significantly different, particularly in the downgradient wells, the background data sets are not updated to include the newer data unless it can be reasonably justified that the change in concentrations reflects an occurring shift unrelated to practices at the site.

For the cases identified by the Mann-Whitney with statistically significant higher medians in more recent data compared to the historical medians, the more recent medians were either within the range of historic concentrations or were slightly higher than the background medians and would have minimal increases on resulting statistical limits.

Note that while a statistically significant increase in median was identified for sulfate at downgradient well GWC-23R due to the variation within this record, the statistical limit remains similar to previous limits when updating the background data set with more recent data. For chloride and TDS at upgradient well GWA-3A, these records were also updated as a result of similar concentrations within the historic record and concentrations at upgradient wells which represent groundwater quality upgradient of the facility, and are assumed to be unimpacted by practices at the facility.

In order to maintain a conservative (i.e., lower) statistical limit, the record for TDS at downgradient well GWC-23R was not updated since the more recent compliance concentrations were elevated above historic concentrations within the same well and were above reported concentrations upgradient of the facility.

Earlier portions of the record were truncated for copper and nickel at upgradient well GWA-50R, copper at downgradient well GWC-37, and nickel at downgradient well GWC-16R during previous updates and remain truncated in order to construct statistical limits that are more conservative (i.e., lower) and representative of present-day groundwater quality conditions.

For the cases identified by the Mann-Whitney with statistically significant lower medians in more recent data compared to the historical medians, the more recent concentrations were also similar to those reported historically or resulted from more recent trace measurements compared to historical non-detect measurements.

All records, except for TDS at downgradient well GWC-23R, were updated through August 2023. Additionally, the previously truncated records, which continue to use the more recent portion of data, were updated with newer data through August 2023. All records for Appendix I and III constituents will be re-evaluated during the next background update.

Upgradient Well Trend Tests – Interwell

The Sen's Slope/Mann Kendall trend test was used to evaluate data at upgradient wells for each of the parameters tested using interwell prediction limits (boron, calcium, and fluoride) to identify statistically significant increasing or decreasing trends in background at the 99% confidence level. Several statistically significant trends were identified and a summary of the results follows this report.

Increasing

- Boron: GWA-4RZ

- Calcium: GWA-2R, GWA-42, GWA-43R, GWA-51RZ, GWA-55, and GWA-55R

Decreasing

- Boron: GWA-41R, GWA-43R, and GWA-56
- Calcium: GWA-43, GWA-50, and GWA-50R
- Fluoride: GWA-4RZ

Truncation of earlier data reported in upgradient well records to remove trends should be done with caution since similar concentrations could appear in future years at downgradient wells in the absence of facility impacts. No adjustments were required for the significant trends for boron as the trends are an artifact of laboratory censoring at a higher level than detected values. For calcium, wells identified with significant increasing and decreasing trends exhibit similar patterns at other upgradient wells across the site. Although the statistically significant increasing trend noted for calcium in upgradient well GWA-3A results from an abrupt increase in concentrations, all observations at this well are lower than or equal to surrounding upgradient well data and truncation of earlier data would not impact resulting statistical limits. Regarding fluoride at well GWA-4RZ, concentrations throughout the record are of similar magnitude to those found at other upgradient wells. Additionally, resulting statistical limits for boron, calcium, and fluoride are representative of current groundwater quality conditions. Therefore, no adjustments were required for these records.

All well/constituent pairs were updated using all available data from upgradient wells through March 2024. Interwell prediction limits pool upgradient well data to establish background limits for boron, calcium, and fluoride and will be used to evaluate future semi-annual compliance samples at each downgradient well.

Evaluation of Georgia EPD Appendix I Constituents – February 2025

Mann-Whitney Test & Trend Tests – GWA-3A

As mentioned above, data from well GWA-3 have been combined with data from replacement well GWA-3A. A minimum of 8 samples has been collected from new well GWA-3A since March 2021; therefore, the Mann-Whitney test was used to compare newer observations through August 2024 to historical observations through March 2020 for Appendix I and III constituents evaluated with intrawell prediction limits to determine whether the medians of data are statistically significantly different (Figure D). Statistically significant differences were identified for the following constituents:

- barium, chloride, copper, pH, nickel, sulfate, TDS, and zinc

In the cases where statistically significant differences were identified at the 99% confidence level, the historical record was truncated so that only data from the new well is used in construction of intrawell prediction limits for Appendix I and III constituents. An exception includes the record for barium at well GWA-3A because while the Mann-Whitney test identified statistically significant differences in medians, the more recent concentrations are within the range of historic concentrations from well GWA-3. Additionally, higher measurements earlier in the record remain flagged as outliers for barium at well GWA-3A and are not included in construction of statistical limits. A list of well/constituent pairs using a truncated portion of their record follows this report.

For Appendix I and III constituents evaluated with interwell prediction limits, since these limits are constructed using pooled upgradient well data, trend tests were used to evaluate the full record through February 2025 for upgradient well GWA-3A to determine if statistically significant increasing or decreasing trends in groundwater quality are present (Figure E). No statistically significant trends were identified; therefore, no further action was required. While more recent concentrations for boron at this well are higher than historical concentrations reported from abandoned well GWA-3, all measurements were similar to those reported in neighboring upgradient wells; therefore, truncation would have no impact on the resulting interwell prediction limits.

Intrawell Prediction Limits

Intrawell limits constructed from screened background data from within each well serve to provide statistical limits that are representative of the background data population, and that will rapidly identify a change in more recent compliance data from within a given well. The most recent sample from the same well is compared to its respective background. This statistical method removes the element of variation from across wells and eliminates the chance of mistaking spatial variation for a release from the facility.

In cases where downgradient average concentrations are higher than observed upgradient concentrations for a given constituent where intrawell analyses are recommended, the current assumption is that this is due to spatial variation rather than a result of practices at the landfill. Further validation of this assumption requires a separate analysis or investigation that is beyond the scope of this data screening study. However, for this site, the pre-waste data support the assumption of variation rather than impacts of the landfill.

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available historical data through August 2023, except for the cases mentioned above and listed in the Date Range summary following this letter, within each well with detections (Figure F). As mentioned above, intrawell prediction limits are not constructed on upgradient wells GWA-51RZ, GWA-52, GWA-53, GWA-53R, GWA-54, GWA-55, GWA-55R, and GWA-56 as these wells were abandoned in 2022.

As discussed earlier, the most recent reporting limit is substituted on a well-by-well basis for computing intrawell prediction limits. Therefore, individual wells can have different substitutions for a given parameter depending on what the laboratory has reported for each well. Note that due to the reporting limit for cobalt at downgradient well GWC-22R decreasing from 0.01 mg/L to 0.005 mg/L, the prediction limit also decreased. Also note that prediction limits for mercury and selenium changed during this report from previous analyses due to the substitution of historic reporting limits of 0.0005 mg/L and 0.01 mg/L across all wells for these constituents, as discussed with Stantec. No significant changes occurred as a result of the prediction limit changes. The February 2025 data from each well were compared to these intrawell background limits. No statistical analyses were included for well/constituent pairs with 100% non-detects and a list of these well/constituent pairs follows this report.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When the resample confirms the initial exceedance, a statistically significant increase (SSI) is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. A summary of the Georgia EPD Appendix I prediction limits follows this report. Exceedances were identified for the following well/constituent pairs:

- Antimony: GWA-41R (upgradient)
- Barium: GWA-42 (upgradient)

Two-Step Analysis

When apparent intrawell prediction limit exceedances are identified among downgradient wells, interwell prediction limits are constructed using pooled upgradient well data following the two-step analysis as described above. Since no exceedances were identified among downgradient wells, no further action was required.

Trend Tests

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable at the 99% confidence level. Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site which is an indication of variability in groundwater unrelated to practices at the site. Since no exceedances were identified among downgradient wells, no further action was required.

Evaluation of Appendix III Parameters – February 2025

Intrawell Prediction Limits

For chloride, pH, sulfate, and TDS, intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical data through August 2023 (Figure G). The February 2025 sample from each well was compared to its respective background limit to determine whether exceedances over background are present. Note that due to the reporting limit for TDS at well GWC-38 decreasing from 36 mg/L mg/L to 25 mg/L, the prediction limit increased. No significant changes occurred as a result of the prediction limit increase. Apparent intrawell prediction limit exceedances were identified for the following well/constituent pairs:

- Chloride: GWA-2R and GWA-3A (both upgradient)
- pH (upper limit): GWC-21R
- Sulfate: GWA-2R (upgradient)
- TDS: GWA-2R (upgradient)

Two-Step Analysis

Following the two-step analysis as described above, an interwell prediction limit was then constructed using pooled upgradient well data through February 2025 to evaluate the apparent intrawell prediction limit exceedance for pH among downgradient wells (Figure H). No exceedance was identified.

Interwell Prediction Limits

For boron, calcium, and fluoride, interwell prediction limits, combined with a 1-of-2 resample plan, were constructed using all pooled upgradient well data through February 2025 (Figure I). Interwell prediction limits pool upgradient well data to establish a

background limit for an individual constituent. As mentioned above, abandoned wells GWA-51RZ, GWA-52, GWA-53, GWA-53R, GWA-54, GWA-55, GWA-55R, and GWA-56 were not sampled, but historic data were used along with all data from neighboring upgradient well data to construct statistical limits.

Upgradient well data were reassessed for potential outliers during this analysis. When values in background are flagged as outliers, the measurements may be seen in a lighter font and as a disconnected symbol on the graphs. No additional values were flagged as outliers at any of the upgradient wells for Appendix III constituents evaluated with interwell prediction limits.

The February 2025 sample from each downgradient well was compared to the background limits to determine whether exceedances over background are present. The following interwell prediction limits exceedances were noted:

- Calcium: GWC-16R and GWC-17R

Trend Tests

Data from downgradient well/constituent pairs found to exceed their respective prediction limit for both intrawell and interwell methods were further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level along with upgradient wells for the same constituents (Figure J). Complete graphical results of the trend tests follow this letter. Statistically significant trends were identified for the following well/constituent pairs:

Increasing
- Calcium: GWA-2R, GWA-4RZ, GWA-42, GWA-43R, GWA-51RZ, GWA-55, GWA-55R (all upgradient), and GWC-16R
- Sulfate: GWA-51RZ (upgradient) and GWC-25R
- TDS: GWA-3A, GWA-55, and GWA-55R (all upgradient)

Decreasing
- Calcium: GWA-43, GWA-50, and GWA-50R (all three upgradient)
- pH: GWA-1, GWA-2R, GWA-4RZ, GWA-39RZ, GWA-40, GWA-41R, GWA-43 GWA-50, GWA-50R, and GWA-54 (all upgradient)

Summary

Based on the results of the Appendix I and III constituents requiring intrawell and interwell prediction limits, as well as interwell prediction limits for apparent intrawell prediction

limit exceedances at downgradient wells according to the Two-Step Approach, the following prediction limit exceedances were identified in downgradient wells:

Appendix I

- None

Appendix III

- Calcium: GWC-16R and GWC-17R

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Bowen Landfill at Cells 3 & 4. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,

Andrew T. Collins
Project Manager

Kristina L. Rayner
Senior Statistician

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Summary Tables

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Date Ranges

Date: 5/20/2025 4:54 PM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Chloride (mg/L)
- GWA-3A background:3/29/2021-8/8/2024, overall:3/29/2021-2/26/2025

Copper (mg/L)
- GWA-3A background:3/29/2021-8/8/2024, overall:3/29/2021-2/26/2025
- GWA-50R background:4/22/2014-7/28/2023
- GWC-37 background:3/17/2015-8/2/2023

Nickel (mg/L)
- GWA-3A background:3/29/2021-8/8/2024, overall:3/29/2021-2/26/2025
- GWA-50R background:4/22/2014-7/28/2023
- GWC-16R background:3/3/2015-8/4/2023

pH (pH_units)
- GWA-3A background:3/29/2021-8/8/2024, overall:3/29/2021-2/26/2025

Sulfate (mg/L)
- GWA-3A background:3/29/2021-8/8/2024, overall:3/29/2021-2/26/2025

Total Dissolved Solids (mg/l)
- GWA-3A background:3/29/2021-8/8/2024, overall:3/29/2021-2/26/2025
- GWC-23R background:3/9/2016-7/30/2021

Zinc (mg/L)
- GWA-3A background:3/29/2021-8/8/2024, overall:3/29/2021-2/26/2025

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100% Non-Detects: Appendix I Intrawell

Analysis Run 5/19/2025 2:44 PM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Antimony (mg/L)
GWA-2, GWC-38

Arsenic (mg/L)
GWA-50, GWA-50R

Beryllium (mg/L)
GWA-2, GWA-2R, GWA-39Z, GWA-3A, GWA-40, GWA-41, GWA-4RZ, GWA-50, GWC-16R, GWC-17R, GWC-21R, GWC-22R, GWC-23R, GWC-24R, GWC-25R

Cadmium (mg/L)
GWA-2, GWA-2R, GWA-3A, GWA-40, GWA-41, GWA-41R, GWA-43R, GWA-4RZ, GWA-50R, GWC-16R, GWC-17R, GWC-18R, GWC-19R, GWC-20R, GWC-23R, GWC-24R

Chromium (mg/L)
GWA-4RZ

Cobalt (mg/L)
GWA-40, GWA-41, GWA-43R, GWA-50, GWC-17R, GWC-19R, GWC-20R, GWC-24R

Lead (mg/L)
GWA-3A, GWC-20R

Mercury (mg/L)
GWA-2R, GWA-43, GWA-50R

Nickel (mg/L)
GWA-40, GWC-17R, GWC-18R, GWC-20R

Selenium (mg/L)
GWA-1, GWA-39RZ, GWA-39Z, GWA-3A, GWA-40, GWA-41, GWA-41R, GWA-42, GWA-43R, GWA-4RZ, GWA-50, GWA-50R, GWC-16R, GWC-17R, GWC-18, GWC-18R, GWC-19R, GWC-20R, GWC-21R, GWC-22R, GWC-24R, GWC-25R, GWC-36RA, GWC-37, GWC-38

Silver (mg/L)
GWA-1, GWA-2, GWA-2R, GWA-39Z, GWA-3A, GWA-40, GWA-41, GWA-41R, GWA-42, GWA-43, GWA-43R, GWA-4RZ, GWC-18, GWC-19R, GWC-20R, GWC-21R, GWC-22R, GWC-23R, GWC-24R, GWC-25R, GWC-36RA, GWC-37

Thallium (mg/L)
GWA-1, GWA-2, GWA-3A, GWA-41, GWA-43R, GWA-4RZ, GWA-50, GWC-17R, GWC-18R, GWC-19R, GWC-24R, GWC-25R, GWC-37, GWC-38

Vanadium (mg/L)
GWA-39Z, GWA-40, GWA-41, GWA-50

Welch's t-test/Mann-Whitney - Well GWA-3A - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 10:56 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Barium (mg/L)	**GWA-3A (bg)**	**2.641**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-3A (bg)**	**2.636**	**Yes**	**0.01**	**Yes**	**Mann-W**
Copper (mg/L)	**GWA-3A (bg)**	**-4.339**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWA-3A (bg)**	**-4.291**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH (pH_units)	**GWA-3A (bg)**	**3.79**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWA-3A (bg)**	**3.792**	**Yes**	**0.01**	**Yes**	**Mann-W**
Total Dissolved Solids (mg/l)	**GWA-3A (bg)**	**3.811**	**Yes**	**0.01**	**Yes**	**Mann-W**
Zinc (mg/L)	**GWA-3A (bg)**	**-4.2**	**Yes**	**0.01**	**Yes**	**Mann-W**

Welch's t-test/Mann-Whitney - Well GWA-3A - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 10:56 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Antimony (mg/L)	GWA-3A (bg)	0.1344	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-3A (bg)	-2.151	No	0.01	No	Mann-W
Barium (mg/L)	**GWA-3A (bg)**	**2.641**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-3A (bg)**	**2.636**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-3A (bg)	0.3899	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-3A (bg)	2.377	No	0.01	No	Mann-W
Copper (mg/L)	**GWA-3A (bg)**	**-4.339**	**Yes**	**0.01**	**Yes**	**Mann-W**
Mercury (mg/L)	GWA-3A (bg)	-2.151	No	0.01	No	Mann-W
Nickel (mg/L)	**GWA-3A (bg)**	**-4.291**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH (pH_units)	**GWA-3A (bg)**	**3.79**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWA-3A (bg)**	**3.792**	**Yes**	**0.01**	**Yes**	**Mann-W**
Total Dissolved Solids (mg/l)	**GWA-3A (bg)**	**3.811**	**Yes**	**0.01**	**Yes**	**Mann-W**
Vanadium (mg/L)	GWA-3A (bg)	0.6938	No	0.01	No	Mann-W
Zinc (mg/L)	**GWA-3A (bg)**	**-4.2**	**Yes**	**0.01**	**Yes**	**Mann-W**

Trend Tests - Upgradient Well GWA-3A - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/19/2025, 5:26 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	GWA-3A (bg)	0	1	98	No	23	91.3	n/a	0.01	NP
Calcium (mg/L)	GWA-3A (bg)	2.18	91	98	No	23	0	n/a	0.01	NP
Fluoride (mg/L)	GWA-3A (bg)	0	-55	-98	No	23	78.26	n/a	0.01	NP

Appendix I Intrawell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 11:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	**GWA-41R**	**0.0045**	**n/a**	**2/25/2025**	**0.0089**	**Yes**	**21**	**n/a**	**n/a**	**52.38**	**n/a**	**n/a**	**0.003999**	**NP Intra (NDs) 1 of 2**
Barium (mg/L)	**GWA-42**	**0.006939**	**n/a**	**2/25/2025**	**0.0071**	**Yes**	**21**	**0.006286**	**0.000247**	**0**	**None**	**No**	**0.0002195**	**Param Intra 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 11:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.017	n/a	2/27/2025	0.00062J	No	42	n/a	n/a	38.1	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-2R	0.011	n/a	2/27/2025	0.0042	No	41	n/a	n/a	41.46	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-39RZ	0.008096	n/a	2/26/2025	0.0022J	No	19	0.002291	0.002147	26.32	Kaplan-Meier	No	0.0002195	Param Intra 1 of 2
Antimony (mg/L)	GWA-39Z	0.0039	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	33.33	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-3A	0.0068	n/a	2/26/2025	0.003ND	No	41	n/a	n/a	68.29	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-40	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-41	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	**GWA-41R**	**0.0045**	**n/a**	**2/25/2025**	**0.0089**	**Yes**	**21**	**n/a**	**n/a**	**52.38**	**n/a**	**n/a**	**0.003999**	**NP Intra (NDs) 1 of 2**
Antimony (mg/L)	GWA-42	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-43	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-43R	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4RZ	0.003	n/a	2/28/2025	0.003ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-50	0.003	n/a	2/27/2025	0.003ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-50R	0.003	n/a	2/28/2025	0.003ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-16R	0.02489	n/a	2/25/2025	0.013	No	30	0.008342	0.006685	33.33	Kaplan-Meier	No	0.0002195	Param Intra 1 of 2
Antimony (mg/L)	GWC-17R	0.0033	n/a	2/25/2025	0.003ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.003	n/a	2/20/2025	0.003ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18R	0.003	n/a	2/19/2025	0.003ND	No	30	n/a	n/a	73.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19R	0.003	n/a	2/20/2025	0.003ND	No	30	n/a	n/a	100	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-20R	0.003	n/a	2/20/2025	0.003ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-21R	0.008764	n/a	2/25/2025	0.00093J	No	30	0.003977	0.001934	33.33	Kaplan-Meier	No	0.0002195	Param Intra 1 of 2
Antimony (mg/L)	GWC-22R	0.003	n/a	2/20/2025	0.001J	No	30	n/a	n/a	100	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-23R	0.003	n/a	2/25/2025	0.003ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-24R	0.005	n/a	2/24/2025	0.0013J	No	27	n/a	n/a	62.96	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-25R	0.003	n/a	2/25/2025	0.003ND	No	29	n/a	n/a	75.86	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-36RA	0.003	n/a	2/19/2025	0.003ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-37	0.004388	n/a	2/19/2025	0.003ND	No	30	0.002096	0.0009259	33.33	Kaplan-Meier	No	0.0002195	Param Intra 1 of 2
Arsenic (mg/L)	GWA-1	0.005	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2	0.005	n/a	2/27/2025	0.005ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2R	0.0056	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	69.05	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-39RZ	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	70	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-39Z	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3A	0.005	n/a	2/26/2025	0.005ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-40	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-41	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-42	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-43R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4RZ	0.005	n/a	2/28/2025	0.005ND	No	21	n/a	n/a	33.33	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-16R	0.005	n/a	2/25/2025	0.005ND	No	29	n/a	n/a	62.07	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-17R	0.0053	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	2/20/2025	0.005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18R	0.005	n/a	2/19/2025	0.005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-19R	0.005	n/a	2/20/2025	0.005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-20R	0.005	n/a	2/20/2025	0.005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21R	0.0071	n/a	2/25/2025	0.005ND	No	29	n/a	n/a	48.28	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-22R	0.005	n/a	2/20/2025	0.0016J	No	30	n/a	n/a	56.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23R	0.006	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	76.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-24R	0.005	n/a	2/24/2025	0.005ND	No	30	n/a	n/a	73.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-25R	0.005	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-36RA	0.005	n/a	2/19/2025	0.005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-37	0.005	n/a	2/19/2025	0.005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-38	0.0062	n/a	2/19/2025	0.005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.04	n/a	2/27/2025	0.017	No	41	n/a	n/a	0	n/a	n/a	0.001118	NP Intra (normality) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 11:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWA-2	0.04853	n/a	2/27/2025	0.024	No	40	0.02121	0.01142	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-2R	0.04407	n/a	2/27/2025	0.028	No	40	-4.448	0.5541	0	None	ln(x)	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-39RZ	0.02494	n/a	2/26/2025	0.016	No	20	0.1247	0.01249	0	None	sqrt(x)	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-39Z	0.03458	n/a	2/25/2025	0.019	No	21	0.01414	0.007741	4.762	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-3A	0.008897	n/a	2/26/2025	0.0075	No	32	0.00587	0.001232	3.125	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-40	0.01194	n/a	2/25/2025	0.0083	No	21	0.008568	0.001278	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-41	0.03585	n/a	2/25/2025	0.019	No	21	0.02503	0.004095	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-41R	0.05084	n/a	2/25/2025	0.037	No	21	0.02499	0.009788	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	**GWA-42**	**0.006939**	**n/a**	**2/25/2025**	**0.0071**	**Yes**	**21**	**0.006286**	**0.000247**	**0**	**None**	**No**	**0.0002195**	**Param Intra 1 of 2**
Barium (mg/L)	GWA-43	0.04499	n/a	2/25/2025	0.01	No	21	0.1364	0.02867	0	None	sqrt(x)	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-43R	0.009439	n/a	2/25/2025	0.0074	No	21	0.00766	0.000674	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-4RZ	0.06173	n/a	2/28/2025	0.043	No	21	0.03528	0.01002	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-50	0.0167	n/a	2/27/2025	0.0074	No	35	0.009291	0.003053	2.857	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-50R	0.02216	n/a	2/28/2025	0.0081	No	33	0.0134	0.003582	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-16R	0.0734	n/a	2/25/2025	0.039	No	30	0.04705	0.01064	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-17R	0.02182	n/a	2/25/2025	0.019	No	29	0.01936	0.0009905	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.04987	n/a	2/20/2025	0.014	No	29	0.02637	0.009437	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-18R	0.017	n/a	2/19/2025	0.014	No	27	n/a	n/a	3.704	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-19R	0.01839	n/a	2/20/2025	0.016	No	29	0.01577	0.001052	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-20R	0.03578	n/a	2/20/2025	0.033	No	30	0.02988	0.002386	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-21R	0.04143	n/a	2/25/2025	0.024	No	30	0.02575	0.006335	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-22R	0.06946	n/a	2/20/2025	0.042	No	30	0.04032	0.01178	3.333	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-23R	0.04462	n/a	2/25/2025	0.023	No	30	0.0278	0.006798	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-24R	0.03249	n/a	2/24/2025	0.016	No	29	0.02205	0.004194	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-25R	0.01781	n/a	2/25/2025	0.015	No	30	0.01568	0.0008607	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-36RA	0.04282	n/a	2/19/2025	0.036	No	30	0.0249	0.007239	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-37	0.0136	n/a	2/19/2025	0.0038J	No	30	0.00716	0.002604	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-38	0.01694	n/a	2/19/2025	0.014	No	29	-4.387	0.1243	0	None	ln(x)	0.0002195	Param Intra 1 of 2
Beryllium (mg/L)	GWA-1	0.003	n/a	2/27/2025	0.003ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-39RZ	0.003	n/a	2/26/2025	0.003ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-41R	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-42	0.0015	n/a	2/25/2025	0.0015ND	No	21	n/a	n/a	9.524	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWA-43	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-43R	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-50R	0.003	n/a	2/28/2025	0.003ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-18	0.003	n/a	2/20/2025	0.003ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-18R	0.003	n/a	2/19/2025	0.003ND	No	30	n/a	n/a	70	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-19R	0.003	n/a	2/20/2025	0.003ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-20R	0.003	n/a	2/20/2025	0.003ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-36RA	0.0032	n/a	2/19/2025	0.003ND	No	30	n/a	n/a	50	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWC-37	0.003	n/a	2/19/2025	0.003ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-38	0.003	n/a	2/19/2025	0.003ND	No	30	n/a	n/a	80	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-1	0.00076	n/a	2/27/2025	0.0005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-39RZ	0.0005	n/a	2/26/2025	0.0005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-39Z	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-42	0.0003516	n/a	2/25/2025	0.00016J	No	21	0.01242	0.002396	14.29	None	sqrt(x)	0.0002195	Param Intra 1 of 2
Cadmium (mg/L)	GWA-43	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-50	0.0005	n/a	2/27/2025	0.0005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-18	0.0005	n/a	2/20/2025	0.0005ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21R	0.0005	n/a	2/25/2025	0.0005ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-22R	0.0005	n/a	2/20/2025	0.0005ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-25R	0.0005	n/a	2/25/2025	0.0005ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-36RA	0.001	n/a	2/19/2025	0.0005ND	No	30	n/a	n/a	36.67	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Cadmium (mg/L)	GWC-37	0.0005	n/a	2/19/2025	0.0005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-38	0.0005	n/a	2/19/2025	0.0005ND	No	30	n/a	n/a	80	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 11:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWA-1	0.012	n/a	2/27/2025	0.005ND	No	39	n/a	n/a	76.92	n/a	n/a	0.001226	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2	0.009	n/a	2/27/2025	0.005ND	No	39	n/a	n/a	69.23	n/a	n/a	0.001226	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2R	0.012	n/a	2/27/2025	0.005ND	No	41	n/a	n/a	85.37	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-39RZ	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	50	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-39Z	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3A	0.012	n/a	2/26/2025	0.005ND	No	37	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-40	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-41	0.015	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-42	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-43R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-50	0.005	n/a	2/27/2025	0.005ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-50R	0.005	n/a	2/28/2025	0.005ND	No	36	n/a	n/a	72.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-16R	0.005	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	56.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-17R	0.005	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.004785	n/a	2/20/2025	0.0025ND	No	28	0.002387	0.0009572	10.71	None	No	0.0002195	Param Intra 1 of 2
Chromium (mg/L)	GWC-18R	0.008	n/a	2/19/2025	0.005ND	No	26	n/a	n/a	65.38	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-19R	0.005	n/a	2/20/2025	0.005ND	No	30	n/a	n/a	70	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20R	0.005	n/a	2/20/2025	0.005ND	No	30	n/a	n/a	66.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21R	0.0067	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	56.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22R	0.005	n/a	2/20/2025	0.005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23R	0.005	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	73.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-24R	0.005	n/a	2/24/2025	0.005ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-25R	0.005	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	73.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-36RA	0.005	n/a	2/19/2025	0.005ND	No	30	n/a	n/a	66.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-37	0.005	n/a	2/19/2025	0.005ND	No	29	n/a	n/a	86.21	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-38	0.005	n/a	2/19/2025	0.0034J	No	30	n/a	n/a	23.33	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	80.95	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.013	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2R	0.005	n/a	2/27/2025	0.005ND	No	41	n/a	n/a	87.8	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-39RZ	0.0057	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-39Z	0.008476	n/a	2/25/2025	0.005ND	No	21	0.1154	0.03352	42.86	Kaplan-Meier	x^(1/3)	0.0002195	Param Intra 1 of 2
Cobalt (mg/L)	GWA-3A	0.0057	n/a	2/26/2025	0.005ND	No	41	n/a	n/a	46.34	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-42	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4RZ	0.02856	n/a	2/28/2025	0.019	No	21	0.01137	0.00651	4.762	None	No	0.0002195	Param Intra 1 of 2
Cobalt (mg/L)	GWA-50R	0.005	n/a	2/28/2025	0.005ND	No	36	n/a	n/a	83.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-16R	0.005	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	33.33	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-18	0.005	n/a	2/20/2025	0.005ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-18R	0.005	n/a	2/19/2025	0.005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21R	0.0183	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	66.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-22R	0.005	n/a	2/20/2025	0.005ND	No	30	n/a	n/a	66.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-23R	0.005	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-25R	0.005	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-36RA	0.005	n/a	2/19/2025	0.005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-37	0.005	n/a	2/19/2025	0.005ND	No	30	n/a	n/a	70	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-38	0.003166	n/a	2/19/2025	0.0032J	No	26	0.03814	0.00715	0	None	sqrt(x)	0.0002195	Param Intra 1 of 2
Copper (mg/L)	GWA-1	0.0094	n/a	2/27/2025	0.005ND	No	37	n/a	n/a	64.86	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.013	n/a	2/27/2025	0.005ND	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2R	0.013	n/a	2/27/2025	0.005ND	No	37	n/a	n/a	59.46	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-39RZ	0.011	n/a	2/26/2025	0.005ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-39Z	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3A	0.005	n/a	2/26/2025	0.005ND	No	8	n/a	n/a	100	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 11:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Copper (mg/L)	GWA-40	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-41	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.0035J	No	20	n/a	n/a	55	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-42	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-43R	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4RZ	0.005	n/a	2/28/2025	0.005ND	No	14	n/a	n/a	78.57	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-50	0.02216	n/a	2/27/2025	0.0017J	No	31	0.1702	0.04492	12.9	None	x^(1/3)	0.0002195	Param Intra 1 of 2
Copper (mg/L)	GWA-50R	0.014	n/a	2/28/2025	0.004J	No	20	n/a	n/a	0	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-16R	0.004711	n/a	2/25/2025	0.005ND	No	25	-6.455	0.43	24	Kaplan-Meier	ln(x)	0.0002195	Param Intra 1 of 2
Copper (mg/L)	GWC-17R	0.0124	n/a	2/25/2025	0.005ND	No	25	n/a	n/a	60	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.005	n/a	2/20/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18R	0.005	n/a	2/19/2025	0.005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19R	0.005	n/a	2/20/2025	0.005ND	No	25	n/a	n/a	88	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20R	0.005	n/a	2/20/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21R	0.01	n/a	2/25/2025	0.005ND	No	25	n/a	n/a	52	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22R	0.005	n/a	2/20/2025	0.005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23R	0.005	n/a	2/25/2025	0.005ND	No	25	n/a	n/a	68	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-24R	0.005	n/a	2/24/2025	0.0013J	No	25	n/a	n/a	76	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-25R	0.005	n/a	2/25/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-36RA	0.005	n/a	2/19/2025	0.005ND	No	25	n/a	n/a	76	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-37	0.02257	n/a	2/19/2025	0.016	No	20	0.01043	0.004558	5	None	No	0.0002195	Param Intra 1 of 2
Copper (mg/L)	GWC-38	0.005	n/a	2/19/2025	0.005ND	No	25	n/a	n/a	68	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-1	0.0028	n/a	2/27/2025	0.001ND	No	42	n/a	n/a	80.95	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2	0.002536	n/a	2/27/2025	0.001ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2R	0.001	n/a	2/27/2025	0.001ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-39RZ	0.0011	n/a	2/26/2025	0.001ND	No	20	n/a	n/a	70	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-39Z	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-40	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-41	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-41R	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-42	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-43	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-43R	0.0038	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-4RZ	0.001	n/a	2/28/2025	0.001ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-50	0.001	n/a	2/27/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-50R	0.0012	n/a	2/28/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-16R	0.001	n/a	2/25/2025	0.001ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-17R	0.001	n/a	2/25/2025	0.001ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/20/2025	0.001ND	No	30	n/a	n/a	70	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18R	0.001	n/a	2/19/2025	0.001ND	No	30	n/a	n/a	73.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19R	0.001	n/a	2/20/2025	0.00026J	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21R	0.0016	n/a	2/25/2025	0.001ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22R	0.001	n/a	2/20/2025	0.001ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23R	0.001	n/a	2/25/2025	0.001ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-24R	0.001	n/a	2/24/2025	0.001ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-25R	0.001	n/a	2/25/2025	0.001ND	No	30	n/a	n/a	76.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-36RA	0.001	n/a	2/19/2025	0.001ND	No	29	n/a	n/a	72.41	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-37	0.001	n/a	2/19/2025	0.001ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-38	0.0047	n/a	2/19/2025	0.001ND	No	30	n/a	n/a	80	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-1	0.0005	n/a	2/27/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-2	0.0005	n/a	2/27/2025	0.0005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-39RZ	0.0005	n/a	2/26/2025	0.0005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-39Z	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-3A	0.0005	n/a	2/26/2025	0.0005ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 11:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	GWA-40	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-41	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-41R	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-42	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-43R	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-4RZ	0.0005	n/a	2/28/2025	0.0005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-50	0.0005	n/a	2/27/2025	0.0005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-16R	0.0005	n/a	2/25/2025	0.0005ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-17R	0.0005	n/a	2/25/2025	0.0005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0005	n/a	2/20/2025	0.0005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18R	0.0005	n/a	2/19/2025	0.0005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19R	0.0005	n/a	2/20/2025	0.0005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20R	0.0005	n/a	2/20/2025	0.0005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-21R	0.0005	n/a	2/25/2025	0.0005ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-22R	0.0005	n/a	2/20/2025	0.0005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-23R	0.0005	n/a	2/25/2025	0.0005ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-24R	0.0005	n/a	2/24/2025	0.0005ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-25R	0.0005	n/a	2/25/2025	0.0005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-36RA	0.0005	n/a	2/19/2025	0.0005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-37	0.0005	n/a	2/19/2025	0.0005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-38	0.0005	n/a	2/19/2025	0.0005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.024	n/a	2/27/2025	0.005ND	No	36	n/a	n/a	75	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.02	n/a	2/27/2025	0.005ND	No	35	n/a	n/a	71.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2R	0.0093	n/a	2/27/2025	0.005ND	No	36	n/a	n/a	80.56	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-39RZ	0.0224	n/a	2/26/2025	0.005ND	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-39Z	0.0149	n/a	2/25/2025	0.005ND	No	19	n/a	n/a	36.84	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-3A	0.005	n/a	2/26/2025	0.005ND	No	8	n/a	n/a	100	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-41	0.0089	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.0016J	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-42	0.0025	n/a	2/25/2025	0.0015J	No	20	n/a	n/a	10	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	45	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-43R	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4RZ	0.005	n/a	2/28/2025	0.005ND	No	14	n/a	n/a	85.71	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-50	0.005	n/a	2/27/2025	0.005ND	No	31	n/a	n/a	41.94	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-50R	0.004749	n/a	2/28/2025	0.0025ND	No	20	0.04065	0.01061	5	None	sqrt(x)	0.0002195	Param Intra 1 of 2
Nickel (mg/L)	GWC-16R	0.02834	n/a	2/25/2025	0.0097	No	21	0.09934	0.02613	4.762	None	sqrt(x)	0.0002195	Param Intra 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	2/20/2025	0.005ND	No	25	n/a	n/a	76	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19R	0.005	n/a	2/20/2025	0.005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21R	0.005	n/a	2/25/2025	0.005ND	No	24	n/a	n/a	29.17	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-22R	0.005	n/a	2/20/2025	0.005ND	No	25	n/a	n/a	80	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-23R	0.005	n/a	2/25/2025	0.005ND	No	25	n/a	n/a	84	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-24R	0.005	n/a	2/24/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-25R	0.005	n/a	2/25/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-36RA	0.01	n/a	2/19/2025	0.005ND	No	25	n/a	n/a	64	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-37	0.02666	n/a	2/19/2025	0.017	No	25	0.01283	0.005423	4	None	No	0.0002195	Param Intra 1 of 2
Nickel (mg/L)	GWC-38	0.017	n/a	2/19/2025	0.0014J	No	25	n/a	n/a	20	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Selenium (mg/L)	GWA-2	0.01	n/a	2/27/2025	0.01ND	No	42	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-2R	0.01	n/a	2/27/2025	0.01ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-43	0.01	n/a	2/25/2025	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-23R	0.01	n/a	2/25/2025	0.01ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-39RZ	0.005	n/a	2/26/2025	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-50	0.005	n/a	2/27/2025	0.00061J	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-50R	0.004163	n/a	2/28/2025	0.0016J	No	31	0.001858	0.0009348	25.81	Kaplan-Meier	No	0.0002195	Param Intra 1 of 2
Silver (mg/L)	GWC-16R	0.005	n/a	2/25/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-17R	0.005	n/a	2/25/2025	0.005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 11:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Silver (mg/L)	GWC-18R	0.005	n/a	2/19/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-38	0.005	n/a	2/19/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-2R	0.001	n/a	2/27/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-39RZ	0.001	n/a	2/26/2025	0.001ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-39Z	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-40	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-41R	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-42	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-43	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-50R	0.001	n/a	2/28/2025	0.001ND	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-16R	0.001031	n/a	2/25/2025	0.00023J	No	30	0.06016	0.01651	36.67	Kaplan-Meier	x^(1/3)	0.0002195	Param Intra 1 of 2
Thallium (mg/L)	GWC-18	0.001	n/a	2/20/2025	0.001ND	No	30	n/a	n/a	56.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-20R	0.001	n/a	2/20/2025	0.001ND	No	30	n/a	n/a	63.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-21R	0.001	n/a	2/25/2025	0.00028J	No	30	n/a	n/a	40	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Thallium (mg/L)	GWC-22R	0.001	n/a	2/20/2025	0.001ND	No	30	n/a	n/a	53.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-23R	0.001	n/a	2/25/2025	0.00022J	No	28	n/a	n/a	42.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Thallium (mg/L)	GWC-36RA	0.001	n/a	2/19/2025	0.001ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.01	n/a	2/27/2025	0.01ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2	0.01	n/a	2/27/2025	0.01ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2R	0.01	n/a	2/27/2025	0.01ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-39RZ	0.01	n/a	2/26/2025	0.01ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-3A	0.01	n/a	2/26/2025	0.01ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-41R	0.01	n/a	2/25/2025	0.01ND	No	20	n/a	n/a	100	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-42	0.01	n/a	2/25/2025	0.01ND	No	20	n/a	n/a	100	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-43	0.01	n/a	2/25/2025	0.01ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-43R	0.01	n/a	2/25/2025	0.01ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4RZ	0.01	n/a	2/28/2025	0.01ND	No	14	n/a	n/a	92.86	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-50R	0.01	n/a	2/28/2025	0.01ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-16R	0.01	n/a	2/25/2025	0.01ND	No	25	n/a	n/a	56	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-17R	0.01	n/a	2/25/2025	0.01ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01	n/a	2/20/2025	0.01ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18R	0.01	n/a	2/19/2025	0.01ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-19R	0.01	n/a	2/20/2025	0.01ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-20R	0.01	n/a	2/20/2025	0.01ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-21R	0.01	n/a	2/25/2025	0.01ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-22R	0.01	n/a	2/20/2025	0.01ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-23R	0.01	n/a	2/25/2025	0.01ND	No	25	n/a	n/a	80	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-24R	0.01	n/a	2/24/2025	0.01ND	No	25	n/a	n/a	76	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-25R	0.01	n/a	2/25/2025	0.01ND	No	25	n/a	n/a	100	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-36RA	0.01	n/a	2/19/2025	0.01ND	No	25	n/a	n/a	80	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-37	0.01	n/a	2/19/2025	0.01ND	No	25	n/a	n/a	88	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-38	0.01	n/a	2/19/2025	0.01ND	No	25	n/a	n/a	72	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.02	n/a	2/27/2025	0.02ND	No	34	n/a	n/a	41.18	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-2	0.027	n/a	2/27/2025	0.02ND	No	35	n/a	n/a	54.29	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2R	0.02	n/a	2/27/2025	0.02ND	No	36	n/a	n/a	55.56	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-39RZ	0.02	n/a	2/26/2025	0.02ND	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-39Z	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-3A	0.02	n/a	2/26/2025	0.02ND	No	8	n/a	n/a	100	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-40	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-41	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-41R	0.02	n/a	2/25/2025	0.0032J	No	20	n/a	n/a	75	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-42	0.02	n/a	2/25/2025	0.01J	No	20	n/a	n/a	35	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-43	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-43R	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-4RZ	0.02	n/a	2/28/2025	0.02ND	No	14	n/a	n/a	71.43	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 11:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc (mg/L)	GWA-50	0.02	n/a	2/27/2025	0.02ND	No	30	n/a	n/a	43.33	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-50R	0.02	n/a	2/28/2025	0.02ND	No	27	n/a	n/a	44.44	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-16R	0.134	n/a	2/25/2025	0.025	No	25	0.2072	0.06231	4	None	sqrt(x)	0.0002195	Param Intra 1 of 2
Zinc (mg/L)	GWC-17R	0.0219	n/a	2/25/2025	0.02ND	No	25	n/a	n/a	36	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-18	0.0225	n/a	2/20/2025	0.02ND	No	25	n/a	n/a	40	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-18R	0.02	n/a	2/19/2025	0.02ND	No	25	n/a	n/a	60	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19R	0.02	n/a	2/20/2025	0.0055J	No	25	n/a	n/a	52	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20R	0.02	n/a	2/20/2025	0.02ND	No	24	n/a	n/a	50	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-21R	0.045	n/a	2/25/2025	0.0035J	No	25	n/a	n/a	28	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-22R	0.02	n/a	2/20/2025	0.02ND	No	25	n/a	n/a	48	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-23R	0.02	n/a	2/25/2025	0.0037J	No	25	n/a	n/a	52	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-24R	0.02	n/a	2/24/2025	0.02ND	No	25	n/a	n/a	60	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-25R	0.02	n/a	2/25/2025	0.02ND	No	25	n/a	n/a	68	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-36RA	0.222	n/a	2/19/2025	0.013J	No	24	0.2008	0.1051	16.67	Kaplan-Meier	sqrt(x)	0.0002195	Param Intra 1 of 2
Zinc (mg/L)	GWC-37	0.01542	n/a	2/19/2025	0.0046J	No	25	0.1823	0.02612	20	Kaplan-Meier	x^(1/3)	0.0002195	Param Intra 1 of 2
Zinc (mg/L)	GWC-38	0.02	n/a	2/19/2025	0.0029J	No	24	n/a	n/a	45.83	n/a	n/a	0.003124	NP Intra (normality) 1 of 2

Appendix III Intrawell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/20/2025, 6:10 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	**GWA-2R**	**1.998**	**n/a**	**2/27/2025**	**3.2**	**Yes**	**21**	**1.008**	**0.1052**	**0**	**None**	**x^(1/3)**	**0.0005016**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWA-3A**	**7.3**	**n/a**	**2/26/2025**	**9.3**	**Yes**	**8**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.02144**	**NP Intra (normality) 1 of 2**
pH (pH_units)	**GWC-21R**	**7.347**	**6.688**	**2/25/2025**	**7.58**	**Yes**	**21**	**7.017**	**0.1381**	**0**	**None**	**No**	**0.0002508**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWA-2R**	**38.9**	**n/a**	**2/27/2025**	**41.5**	**Yes**	**21**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003999**	**NP Intra (normality) 1 of 2**
Total Dissolved Solids (mg/l)	**GWA-2R**	**228.3**	**n/a**	**2/27/2025**	**231**	**Yes**	**21**	**125.6**	**43.03**	**0**	**None**	**No**	**0.0005016**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/20/2025, 6:10 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWA-1	2.149	n/a	2/27/2025	0.93J	No	21		1.436	0.2988	4.762	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-2	2.571	n/a	2/27/2025	1.1	No	21		1.46	0.4653	4.762	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	**GWA-2R**	**1.998**	**n/a**	**2/27/2025**	**3.2**	**Yes**	**21**		**1.008**	**0.1052**	**0**	**None**	**x^(1/3)**	**0.0005016**	**Param Intra 1 of 2**
Chloride (mg/L)	GWA-39RZ	3.717	n/a	2/26/2025	1.2	No	21		2.116	0.6706	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-39Z	2.253	n/a	2/25/2025	0.96J	No	21		1.451	0.3363	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	**GWA-3A**	**7.3**	**n/a**	**2/26/2025**	**9.3**	**Yes**	**8**		**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.02144**	**NP Intra (normality) 1 of 2**
Chloride (mg/L)	GWA-40	3.353	n/a	2/25/2025	0.99J	No	22		1.073	0.1791	4.545	None	x^(1/3)	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-41	3.943	n/a	2/25/2025	0.99J	No	21		0.4751	0.3758	0	None	ln(x)	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-41R	5.576	n/a	2/25/2025	0.95J	No	21		2.454	1.308	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-42	3.71	n/a	2/25/2025	2.3	No	21		2.548	0.4868	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-43	1.557	n/a	2/25/2025	1.1	No	21		1.313	0.1021	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-43R	5.219	n/a	2/25/2025	1.5	No	21		2.909	0.9679	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-4RZ	3.81	n/a	2/28/2025	2.5	No	21		2.69	0.4689	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-50	1.505	n/a	2/27/2025	0.76J	No	21		1.051	0.1904	4.762	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-50R	1.177	n/a	2/28/2025	0.87J	No	21		0.7934	0.1609	14.29	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-16R	2.845	n/a	2/25/2025	1.2	No	21		1.67	0.4925	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-17R	8.044	n/a	2/25/2025	4	No	21		5.595	1.026	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	2.672	n/a	2/20/2025	2	No	21		2.177	0.2073	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-18R	3.3	n/a	2/19/2025	2.2	No	21		n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-19R	2.933	n/a	2/20/2025	2.2	No	21		2.443	0.2053	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-20R	2.489	n/a	2/20/2025	1.8	No	21		1.77	0.3016	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-21R	5.534	n/a	2/25/2025	2.4	No	21		4.167	0.5732	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-22R	3.257	n/a	2/20/2025	2.2	No	21		2.694	0.2358	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-23R	2.775	n/a	2/25/2025	1.1	No	21		1.932	0.3532	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-24R	3.172	n/a	2/24/2025	2	No	21		5.639	1.853	4.762	None	x^2	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-25R	3.099	n/a	2/25/2025	2	No	21		2.552	0.2293	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-36RA	3.624	n/a	2/19/2025	3.1	No	21		2.877	0.3129	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-37	1.41	n/a	2/19/2025	0.76J	No	21		0.9633	0.1873	4.762	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-38	3.734	n/a	2/19/2025	3.3	No	21		2.721	0.4245	0	None	No	0.0005016	Param Intra 1 of 2
pH (pH_units)	GWA-1	7.784	7.183	2/27/2025	7.5	No	21		23844	1981	0	None	x^5	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-2	7.065	5.166	2/27/2025	6.7	No	21		1602	372.7	0	None	x^4	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-2R	7.882	6.383	2/27/2025	7.18	No	21		20509	4155	0	None	x^5	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-39RZ	8.053	6.987	2/26/2025	7.4	No	23		56.84	3.414	0	None	x^2	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-39Z	7.514	5.281	8/1/2024	5.88	No	22		6.397	0.4716	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-3A	8.265	7.407	2/26/2025	7.93	No	8		7.836	0.1266	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-40	7.963	6.459	2/25/2025	7.51	No	23		7.211	0.3203	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-41	7.33	5.546	2/25/2025	6.8	No	20		6.438	0.3708	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-41R	7.733	6.218	2/25/2025	6.63	No	21		6.976	0.3175	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-42	7.63	6.83	2/25/2025	7.41	No	21		n/a	n/a	0	n/a	n/a	0.007998	NP Intra (normality) 1 of 2
pH (pH_units)	GWA-43	6.987	4.691	2/25/2025	5.28	No	21		5.839	0.4811	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-43R	8.04	7.31	2/25/2025	7.77	No	22		n/a	n/a	0	n/a	n/a	0.007415	NP Intra (normality) 1 of 2
pH (pH_units)	GWA-4RZ	7.55	6.49	2/28/2025	7.25	No	27		n/a	n/a	0	n/a	n/a	0.005004	NP Intra (normality) 1 of 2
pH (pH_units)	GWA-50	6.599	4.756	2/27/2025	5.64	No	21		5.678	0.386	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-50R	7.295	4.163	2/28/2025	5.04	No	21		5.729	0.6561	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-16R	7.534	6.756	2/25/2025	6.81	No	21		7.145	0.1629	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-17R	7.389	7.007	2/25/2025	7.06	No	21		7.198	0.08004	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-18	7.462	5.989	2/20/2025	6.96	No	21		6.726	0.3086	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-18R	8.051	7.373	2/19/2025	7.8	No	21		7.712	0.142	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-19R	7.79	7.2	2/20/2025	7.76	No	21		n/a	n/a	0	n/a	n/a	0.007998	NP Intra (normality) 1 of 2
pH (pH_units)	GWC-20R	7.983	7.26	2/20/2025	7.68	No	22		7.621	0.1526	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	**GWC-21R**	**7.347**	**6.688**	**2/25/2025**	**7.58**	**Yes**	**21**		**7.017**	**0.1381**	**0**	**None**	**No**	**0.0002508**	**Param Intra 1 of 2**
pH (pH_units)	GWC-22R	8.122	6.686	2/20/2025	7.26	No	22		7.404	0.3033	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-23R	7.869	6.699	2/25/2025	7.25	No	23		7.284	0.2493	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-24R	7.981	6.833	2/24/2025	7.6	No	21		7.407	0.2405	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-25R	7.96	7.165	2/25/2025	7.68	No	21		7.562	0.1664	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-36RA	7.743	6.772	2/19/2025	7.23	No	21		7.257	0.2036	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-37	6.363	4.552	2/19/2025	5.5	No	21		5.458	0.3795	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-38	6.164	4.516	2/19/2025	5.36	No	21		5.34	0.3451	0	None	No	0.0002508	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/20/2025, 6:10 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWA-1	2.524	n/a	2/27/2025	0.88J	No	21	1.457	0.4474	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-2	164	n/a	2/27/2025	74.4	No	21	58.87	44.05	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	**GWA-2R**	**38.9**	**n/a**	**2/27/2025**	**41.5**	**Yes**	**21**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003999**	**NP Intra (normality) 1 of 2**
Sulfate (mg/L)	GWA-39RZ	25.5	n/a	2/26/2025	2.4	No	21	9.752	6.6	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-39Z	8.69	n/a	2/25/2025	1.2	No	21	3.31	2.255	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-3A	7.585	n/a	2/26/2025	1.7	No	8	3.575	1.183	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-40	7.4	n/a	2/25/2025	0.71J	No	22	n/a	n/a	4.545	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-41	11.5	n/a	2/25/2025	5	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-41R	12.82	n/a	2/25/2025	5.8	No	21	5.842	2.922	4.762	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-42	2.457	n/a	2/25/2025	1.2	No	21	1.514	0.3952	4.762	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-43	1.695	n/a	2/25/2025	1ND	No	21	0.7235	0.4069	42.86	Kaplan-Meier	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-43R	10.07	n/a	2/25/2025	2.1	No	21	5.066	2.097	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-4RZ	27.14	n/a	2/28/2025	22.4	No	22	20.91	2.63	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-50	1	n/a	2/27/2025	1ND	No	21	n/a	n/a	38.1	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-50R	1.58	n/a	2/28/2025	0.51J	No	21	0.8976	0.2859	4.762	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-16R	14.82	n/a	2/25/2025	9	No	21	7.551	3.048	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-17R	8.884	n/a	2/25/2025	6.6	No	20	6.715	0.9017	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-18	2.586	n/a	2/20/2025	1.9	No	21	1.925	0.2773	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-18R	2.78	n/a	2/19/2025	1.8	No	20	2.257	0.2175	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-19R	4.237	n/a	2/20/2025	2.5	No	21	3.57	0.2794	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-20R	1.947	n/a	2/20/2025	1.3	No	21	2.039	0.7338	0	None	x^2	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21R	16.71	n/a	2/25/2025	2.8	No	20	6.336	4.312	5	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-22R	2.849	n/a	2/20/2025	1.1	No	20	1.928	0.3827	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23R	143	n/a	2/25/2025	25.5	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-24R	11.3	n/a	2/24/2025	2	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-25R	2.299	n/a	2/25/2025	1.7	No	21	1.708	0.2474	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-36RA	21.76	n/a	2/19/2025	18.9	No	21	1.631	0.4865	0	None	x^(1/3)	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-37	1.014	n/a	2/19/2025	1ND	No	21	0.483	0.2284	33.33	Kaplan-Meier	x^2	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-38	2.47	n/a	2/19/2025	0.52J	No	21	1.046	0.5966	4.762	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-1	184.7	n/a	2/27/2025	142	No	21	153.6	13.03	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-2	372.1	n/a	2/27/2025	211	No	21	151.4	92.48	4.762	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	**GWA-2R**	**228.3**	**n/a**	**2/27/2025**	**231**	**Yes**	**21**	**125.6**	**43.03**	**0**	**None**	**No**	**0.0005016**	**Param Intra 1 of 2**
Total Dissolved Solids (mg/l)	GWA-39RZ	239.3	n/a	2/26/2025	156	No	21	161.6	32.58	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-39Z	151.7	n/a	2/25/2025	91	No	20	69.3	34.24	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-3A	184.9	n/a	2/26/2025	121	No	8	107.1	22.94	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-40	213	n/a	2/25/2025	119	No	21	4.697	0.5343	0	None	x^(1/3)	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-41	181.4	n/a	2/25/2025	142	No	21	83.38	41.08	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-41R	250.1	n/a	2/25/2025	161	No	21	161.5	37.15	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-42	204.2	n/a	2/25/2025	155	No	21	5.155	0.3076	0	None	x^(1/3)	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-43	82.81	n/a	2/25/2025	25ND	No	21	36.31	19.49	19.05	Kaplan-Meier	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-43R	184.9	n/a	2/25/2025	140	No	21	140.1	18.76	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-4RZ	400	n/a	2/28/2025	273	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/l)	GWA-50	41.38	n/a	2/27/2025	32	No	21	21.19	8.46	38.1	Kaplan-Meier	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-50R	90.04	n/a	2/28/2025	25ND	No	21	5.18	1.805	28.57	Kaplan-Meier	sqrt(x)	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-16R	373.2	n/a	2/25/2025	312	No	21	301.3	30.12	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-17R	382	n/a	2/25/2025	305	No	21	315.6	27.83	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-18	163	n/a	2/20/2025	119	No	21	97.67	27.4	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-18R	184.4	n/a	2/19/2025	144	No	21	142.7	17.47	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-19R	219.2	n/a	2/20/2025	153	No	21	162.5	23.76	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-20R	236.3	n/a	2/20/2025	172	No	21	191.6	18.71	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-21R	385	n/a	2/25/2025	241	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/l)	GWC-22R	193.1	n/a	2/20/2025	154	No	20	163.4	12.36	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-23R	470.6	n/a	2/25/2025	329	No	18	5.736	0.1694	0	None	ln(x)	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-24R	209	n/a	2/24/2025	129	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/l)	GWC-25R	195.1	n/a	2/25/2025	160	No	21	25595	5225	0	None	x^2	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-36RA	250.8	n/a	2/19/2025	241	No	21	164.5	36.16	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-37	34	n/a	2/19/2025	25ND	No	19	n/a	n/a	36.84	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/l)	GWC-38	115.9	n/a	2/19/2025	25ND	No	21	3.269	0.6219	23.81	Kaplan-Meier	ln(x)	0.0005016	Param Intra 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/20/2025, 6:13 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH (pH_units)	GWC-21R	8.34	4.24	2/25/2025	7.58	No	510	n/a	n/a	0	n/a	n/a	0.0000982	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/20/2025, 6:21 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-16R**	**66.7**	**n/a**	**2/25/2025**	**74.7**	**Yes**	**512**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000491**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-17R**	**66.7**	**n/a**	**2/25/2025**	**67.4**	**Yes**	**512**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000491**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/20/2025, 6:21 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-16R	0.04	n/a	2/25/2025	0.0083J	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-17R	0.04	n/a	2/25/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.04	n/a	2/20/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-18R	0.04	n/a	2/19/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-19R	0.04	n/a	2/20/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-20R	0.04	n/a	2/20/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-21R	0.04	n/a	2/25/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-22R	0.04	n/a	2/20/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-23R	0.04	n/a	2/25/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-24R	0.04	n/a	2/24/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-25R	0.04	n/a	2/25/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-36RA	0.04	n/a	2/19/2025	0.019J	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-37	0.04	n/a	2/19/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-38	0.04	n/a	2/19/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Calcium (mg/L)	**GWC-16R**	**66.7**	**n/a**	**2/25/2025**	**74.7**	**Yes**	**512**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000491**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-17R**	**66.7**	**n/a**	**2/25/2025**	**67.4**	**Yes**	**512**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000491**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	GWC-18	66.7	n/a	2/20/2025	23.5	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-18R	66.7	n/a	2/19/2025	29.9	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19R	66.7	n/a	2/20/2025	32	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20R	66.7	n/a	2/20/2025	39.7	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-21R	66.7	n/a	2/25/2025	53.8	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-22R	66.7	n/a	2/20/2025	33.4	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-23R	66.7	n/a	2/25/2025	64.6	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-24R	66.7	n/a	2/24/2025	30.7	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-25R	66.7	n/a	2/25/2025	31.8	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-36RA	66.7	n/a	2/19/2025	51.1	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-37	66.7	n/a	2/19/2025	0.7J	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-38	66.7	n/a	2/19/2025	2.2	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-16R	0.4	n/a	2/25/2025	0.11	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-17R	0.4	n/a	2/25/2025	0.06J	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.4	n/a	2/20/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-18R	0.4	n/a	2/19/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-19R	0.4	n/a	2/20/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-20R	0.4	n/a	2/20/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-21R	0.4	n/a	2/25/2025	0.057J	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-22R	0.4	n/a	2/20/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-23R	0.4	n/a	2/25/2025	0.064J	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-24R	0.4	n/a	2/24/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-25R	0.4	n/a	2/25/2025	0.056J	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-36RA	0.4	n/a	2/19/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-37	0.4	n/a	2/19/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-38	0.4	n/a	2/19/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/19/2025, 4:41 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Calcium (mg/L)	GWA-2R (bg)	2.551	124	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-42 (bg)	1.09	183	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-43 (bg)	-0.734	-187	-98	Yes	23	0	n/a	0.01	NP
Calcium (mg/L)	GWA-43R (bg)	0.5262	113	111	Yes	25	0	n/a	0.01	NP
Calcium (mg/L)	GWA-4RZ (bg)	1.274	117	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-50 (bg)	-0.08766	-121	-105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-50R (bg)	-0.5058	-159	-105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-51RZ (bg)	1.383	83	74	Yes	19	0	n/a	0.01	NP
Calcium (mg/L)	GWA-55 (bg)	2.879	106	74	Yes	19	0	n/a	0.01	NP
Calcium (mg/L)	GWA-55R (bg)	1.995	83	74	Yes	19	0	n/a	0.01	NP
Calcium (mg/L)	GWC-16R	2.581	190	105	Yes	24	0	n/a	0.01	NP
pH (pH_units)	GWA-1 (bg)	-0.02832	-144	-105	Yes	24	0	n/a	0.01	NP
pH (pH_units)	GWA-2R (bg)	-0.07073	-118	-105	Yes	24	0	n/a	0.01	NP
pH (pH_units)	GWA-39RZ (bg)	-0.04637	-134	-124	Yes	27	0	n/a	0.01	NP
pH (pH_units)	GWA-40 (bg)	-0.06332	-137	-118	Yes	26	0	n/a	0.01	NP
pH (pH_units)	GWA-41R (bg)	-0.07674	-126	-105	Yes	24	0	n/a	0.01	NP
pH (pH_units)	GWA-43 (bg)	-0.1317	-205	-105	Yes	24	0	n/a	0.01	NP
pH (pH_units)	GWA-4RZ (bg)	-0.04242	-162	-146	Yes	30	0	n/a	0.01	NP
pH (pH_units)	GWA-50 (bg)	-0.1002	-169	-105	Yes	24	0	n/a	0.01	NP
pH (pH_units)	GWA-50R (bg)	-0.1777	-168	-105	Yes	24	0	n/a	0.01	NP
pH (pH_units)	GWA-54 (bg)	-0.04576	-75	-74	Yes	19	0	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/19/2025, 4:41 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Calcium (mg/L)	GWA-1 (bg)	0.418	95	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-2 (bg)	1.968	52	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**GWA-2R (bg)**	**2.551**	**124**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-39RZ (bg)	0.239	55	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-39Z (bg)	0.1539	16	111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	GWA-3A (bg)	2.18	91	98	No	23	0	n/a	0.01	NP
Calcium (mg/L)	GWA-40 (bg)	-0.1109	-16	-105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-41 (bg)	0.3204	20	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-41R (bg)	0.4163	43	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**GWA-42 (bg)**	**1.09**	**183**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-43 (bg)**	**-0.734**	**-187**	**-98**	**Yes**	**23**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-43R (bg)**	**0.5262**	**113**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-4RZ (bg)**	**1.274**	**117**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-50 (bg)**	**-0.08766**	**-121**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-50R (bg)**	**-0.5058**	**-159**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-51RZ (bg)**	**1.383**	**83**	**74**	**Yes**	**19**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-52 (bg)	0.3552	48	74	No	19	0	n/a	0.01	NP
Calcium (mg/L)	GWA-53 (bg)	0.2237	38	74	No	19	0	n/a	0.01	NP
Calcium (mg/L)	GWA-53R (bg)	0.4349	61	74	No	19	0	n/a	0.01	NP
Calcium (mg/L)	GWA-54 (bg)	-0.2535	-50	-74	No	19	0	n/a	0.01	NP
Calcium (mg/L)	**GWA-55 (bg)**	**2.879**	**106**	**74**	**Yes**	**19**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-55R (bg)**	**1.995**	**83**	**74**	**Yes**	**19**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-56 (bg)	0.6697	25	74	No	19	0	n/a	0.01	NP
Calcium (mg/L)	**GWC-16R**	**2.581**	**190**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-17R	0.5418	85	105	No	24	0	n/a	0.01	NP
pH (pH_units)	**GWA-1 (bg)**	**-0.02832**	**-144**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	GWA-2 (bg)	0.0008477	2	105	No	24	0	n/a	0.01	NP
pH (pH_units)	**GWA-2R (bg)**	**-0.07073**	**-118**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	**GWA-39RZ (bg)**	**-0.04637**	**-134**	**-124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	GWA-39Z (bg)	-0.05762	-68	-105	No	24	0	n/a	0.01	NP
pH (pH_units)	GWA-3A (bg)	0.2436	51	98	No	23	0	n/a	0.01	NP
pH (pH_units)	**GWA-40 (bg)**	**-0.06332**	**-137**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	GWA-41 (bg)	-0.05736	-80	-98	No	23	0	n/a	0.01	NP
pH (pH_units)	**GWA-41R (bg)**	**-0.07674**	**-126**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	GWA-42 (bg)	-0.02405	-102	-105	No	24	0	n/a	0.01	NP
pH (pH_units)	**GWA-43 (bg)**	**-0.1317**	**-205**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	GWA-43R (bg)	-0.006884	-55	-111	No	25	0	n/a	0.01	NP
pH (pH_units)	**GWA-4RZ (bg)**	**-0.04242**	**-162**	**-146**	**Yes**	**30**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	**GWA-50 (bg)**	**-0.1002**	**-169**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	**GWA-50R (bg)**	**-0.1777**	**-168**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	GWA-51RZ (bg)	-0.01096	-9	-81	No	20	0	n/a	0.01	NP
pH (pH_units)	GWA-52 (bg)	-0.02658	-65	-74	No	19	0	n/a	0.01	NP
pH (pH_units)	GWA-53 (bg)	-0.02035	-69	-74	No	19	0	n/a	0.01	NP
pH (pH_units)	GWA-53R (bg)	-0.02694	-72	-74	No	19	0	n/a	0.01	NP
pH (pH_units)	**GWA-54 (bg)**	**-0.04576**	**-75**	**-74**	**Yes**	**19**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	GWA-55 (bg)	-0.05556	-65	-74	No	19	0	n/a	0.01	NP
pH (pH_units)	GWA-55R (bg)	-0.07241	-72	-74	No	19	0	n/a	0.01	NP
pH (pH_units)	GWA-56 (bg)	-0.03349	-38	-81	No	20	0	n/a	0.01	NP
pH (pH_units)	GWC-21R	-0.01394	-41	-105	No	24	0	n/a	0.01	NP

FIGURE A.

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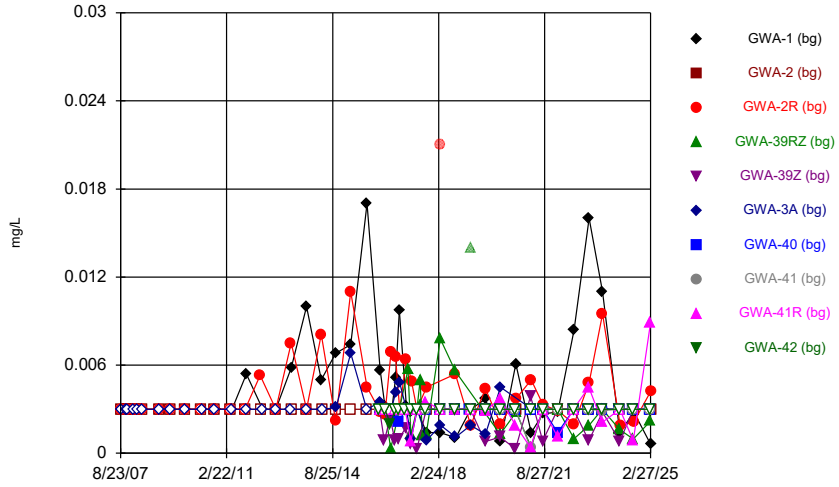
Hollow symbols indicate censored values.

Time Series



Constituent: Antimony Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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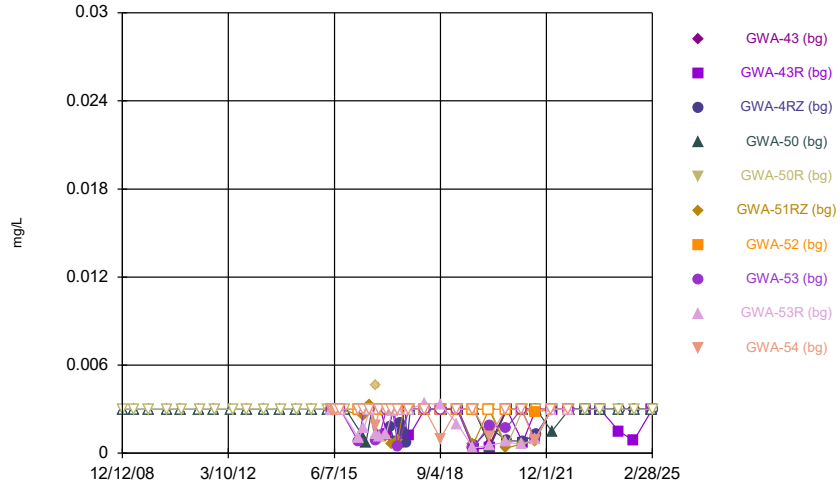
Time Series



Constituent: Antimony Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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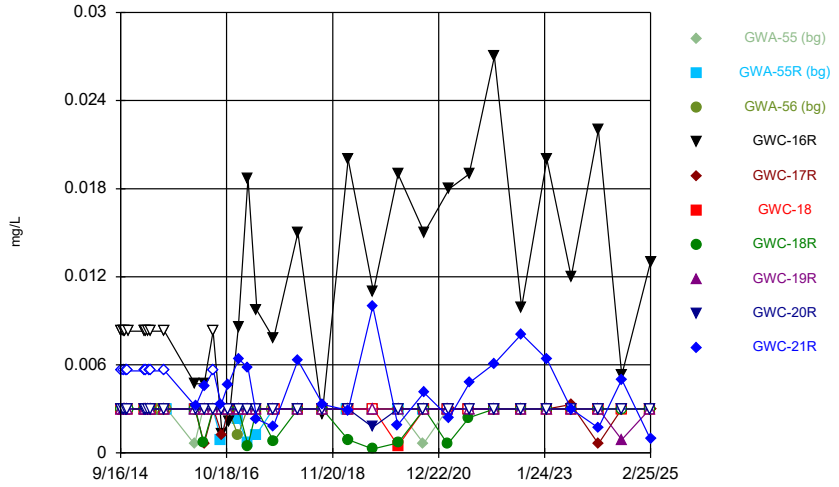
Time Series



Constituent: Antimony Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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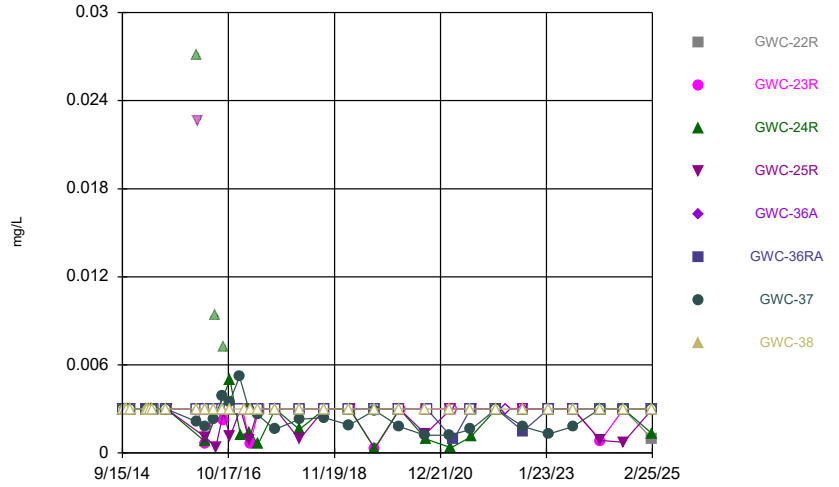
Time Series



Constituent: Antimony Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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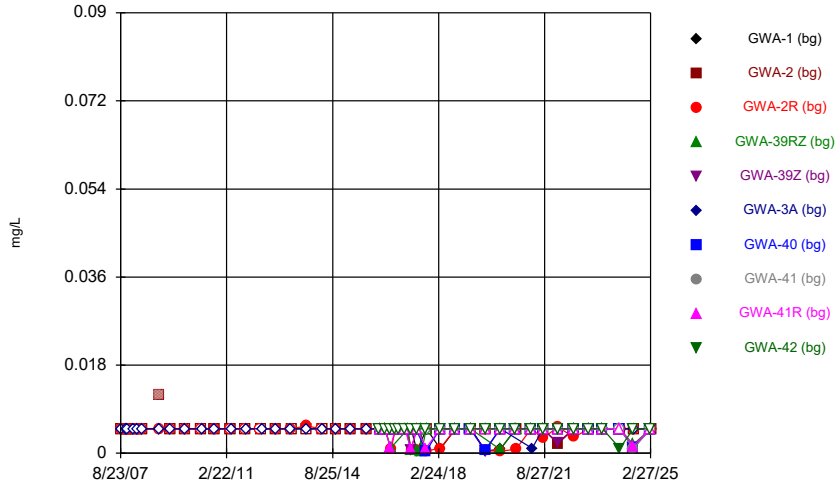
Time Series



Constituent: Arsenic Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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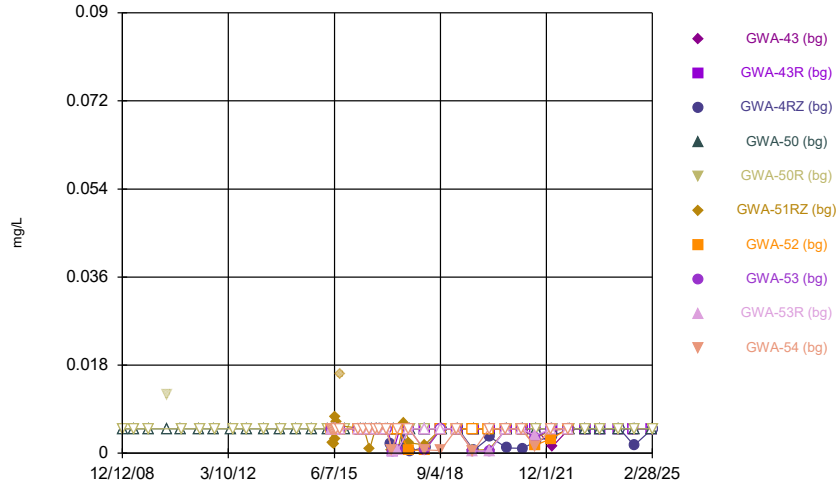
Hollow symbols indicate censored values.

Time Series



Constituent: Arsenic Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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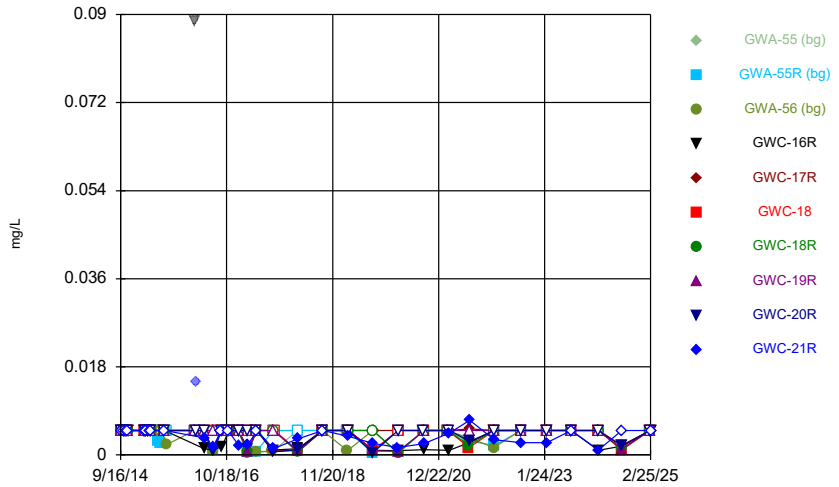
Hollow symbols indicate censored values.

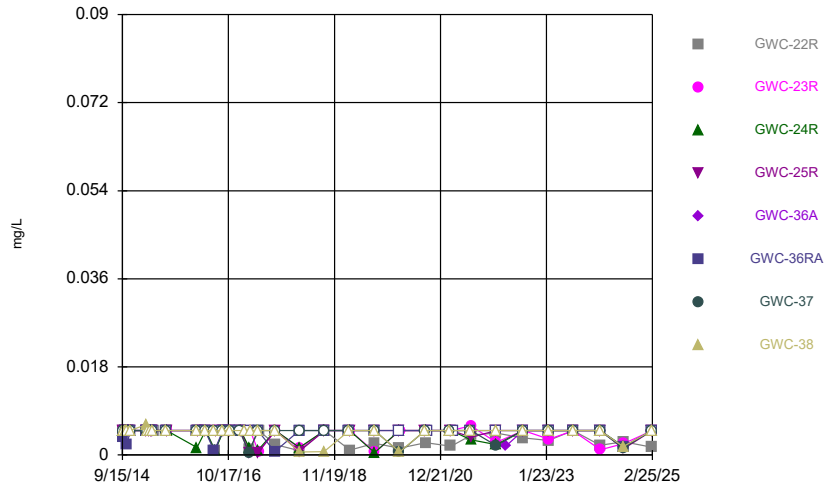
Time Series



Constituent: Arsenic Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

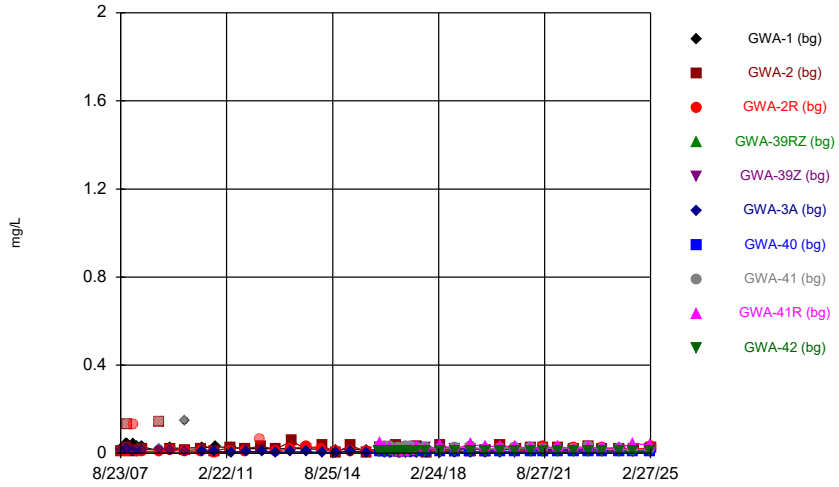
Time Series



Constituent: Arsenic Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

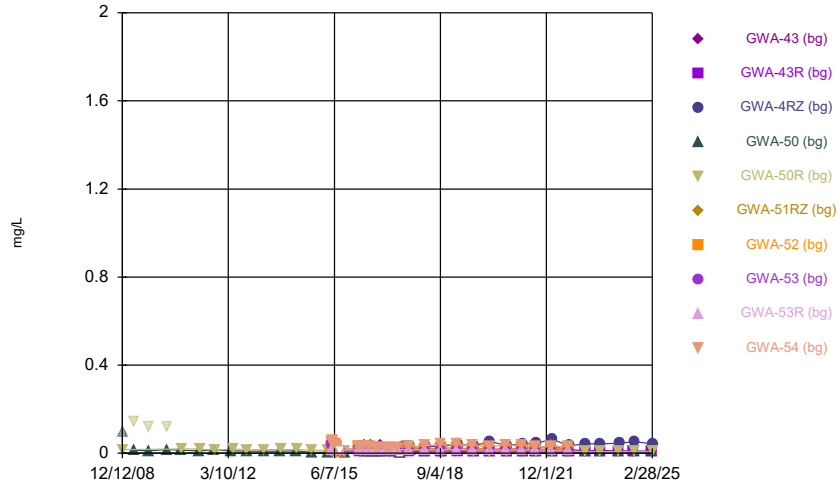
Time Series



Constituent: Barium Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

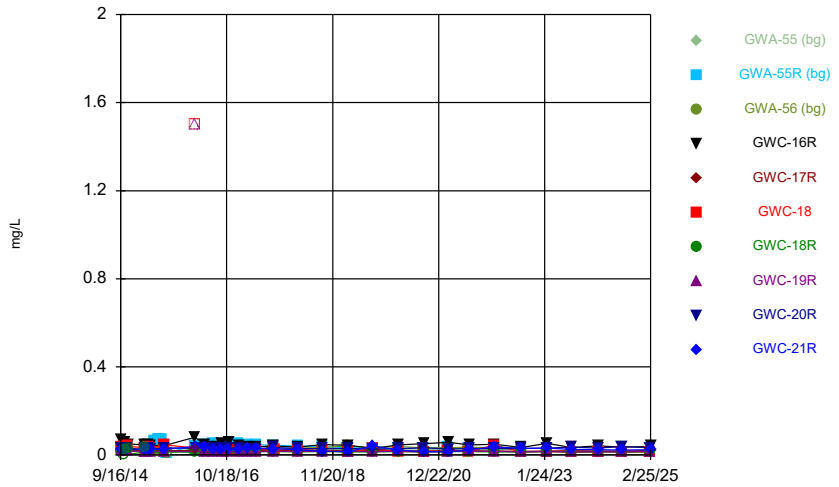
Time Series



Constituent: Barium Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

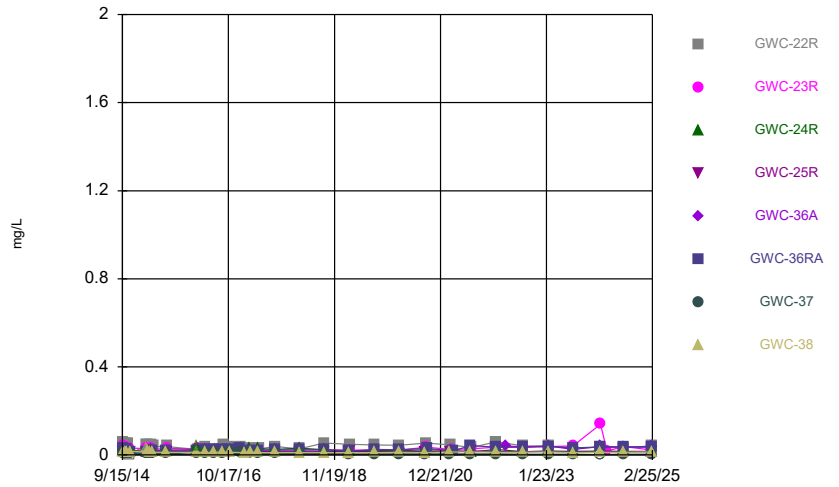
Time Series



Constituent: Barium Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

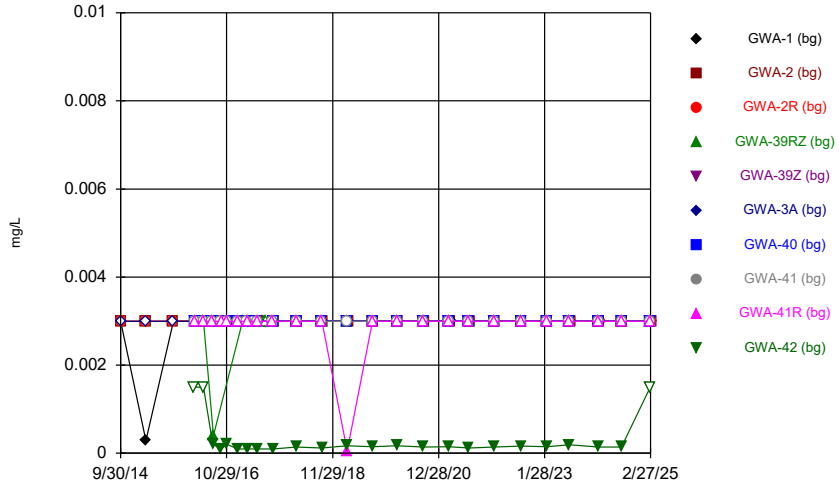
Time Series



Constituent: Barium Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Beryllium Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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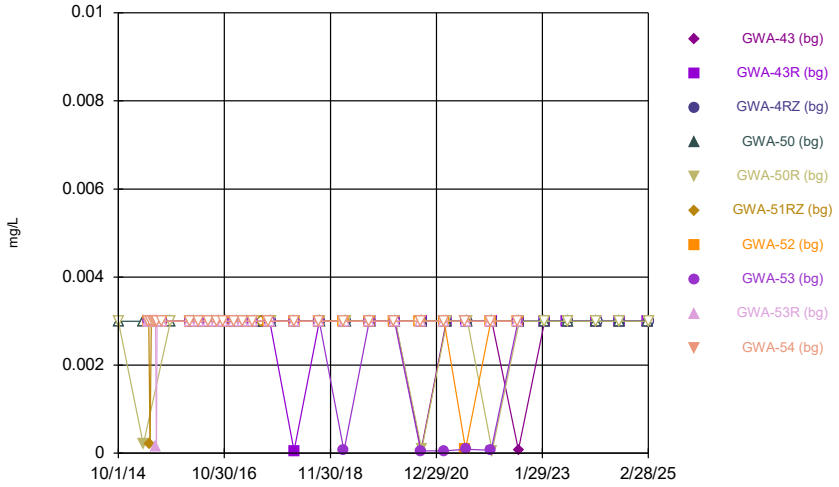
Hollow symbols indicate censored values.

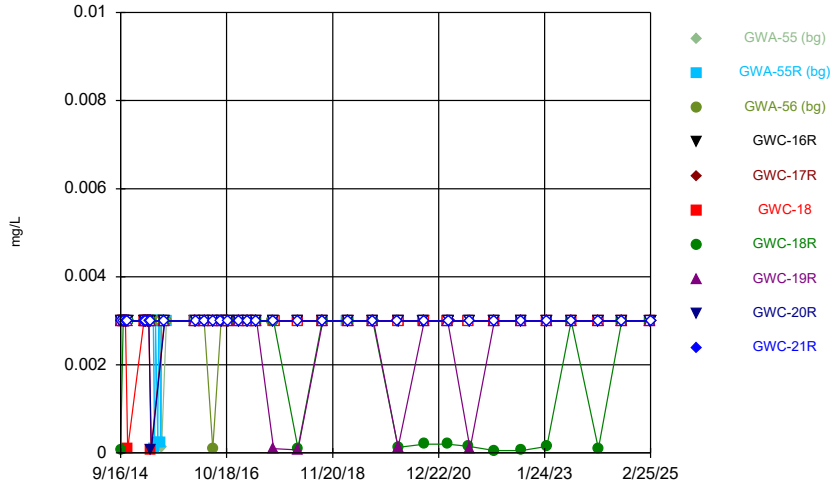
Time Series



Constituent: Beryllium Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

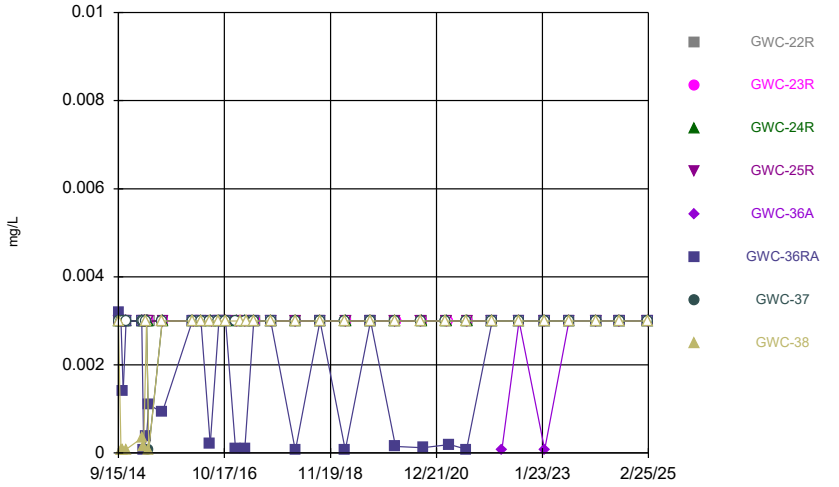
Time Series



Constituent: Beryllium Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

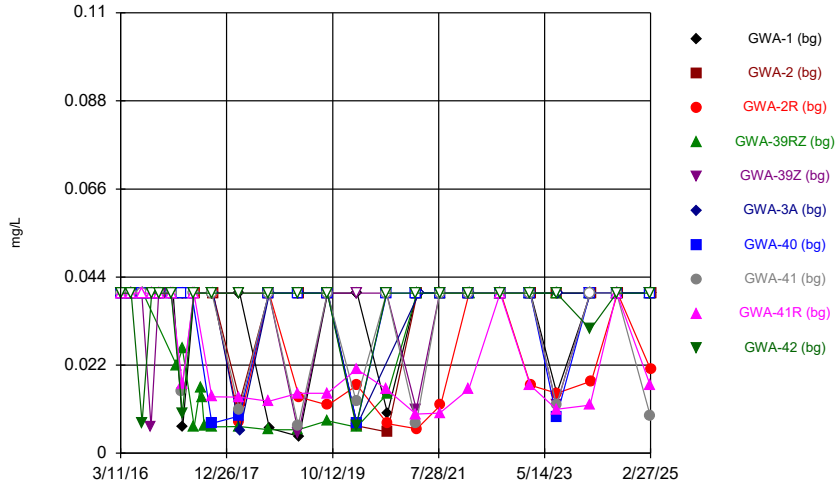
Time Series



Constituent: Beryllium Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

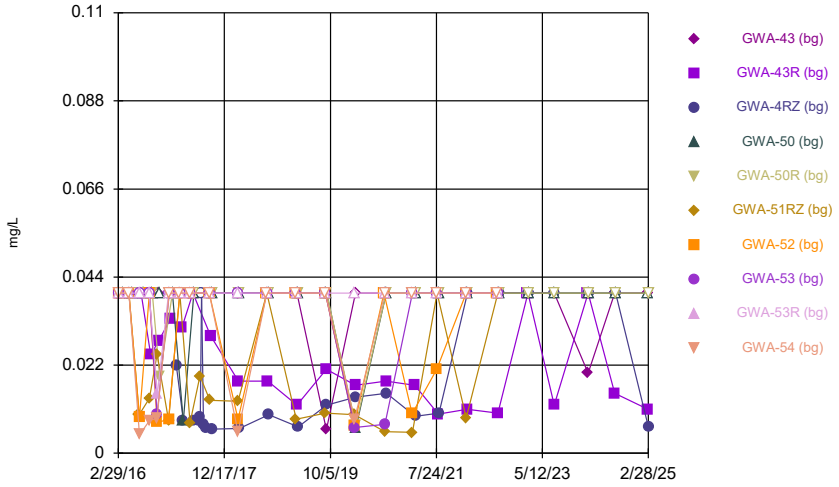
Time Series



Constituent: Boron Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

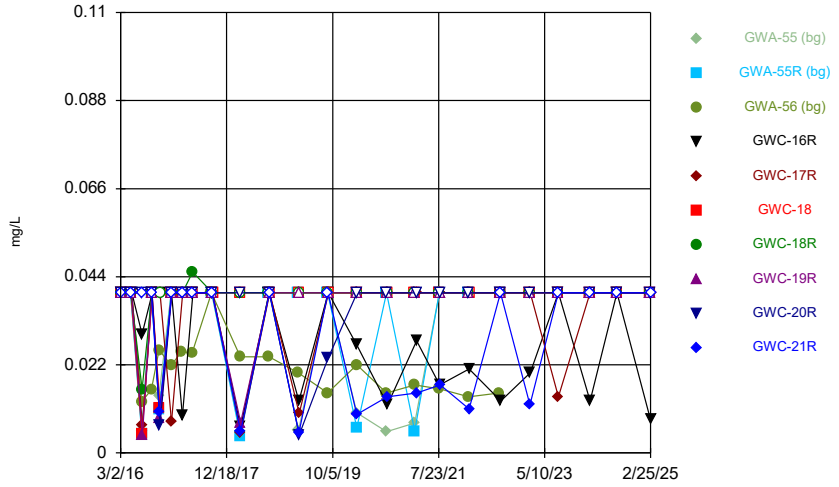
Time Series



Constituent: Boron Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

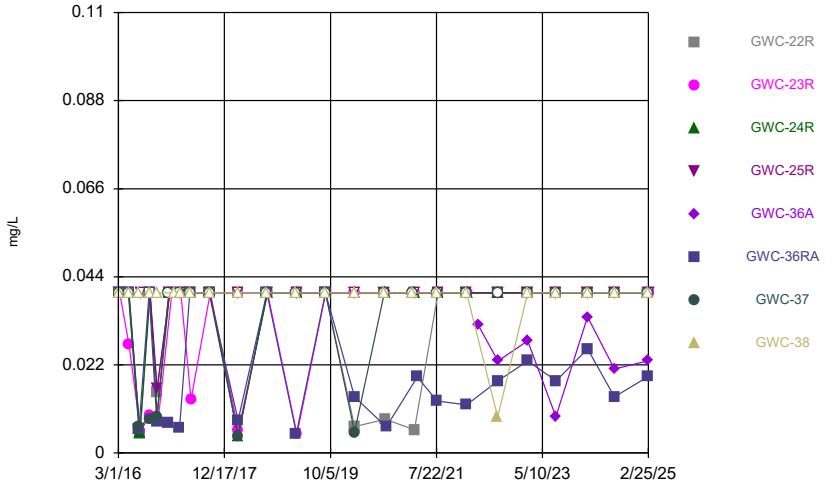
Time Series



Constituent: Boron Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

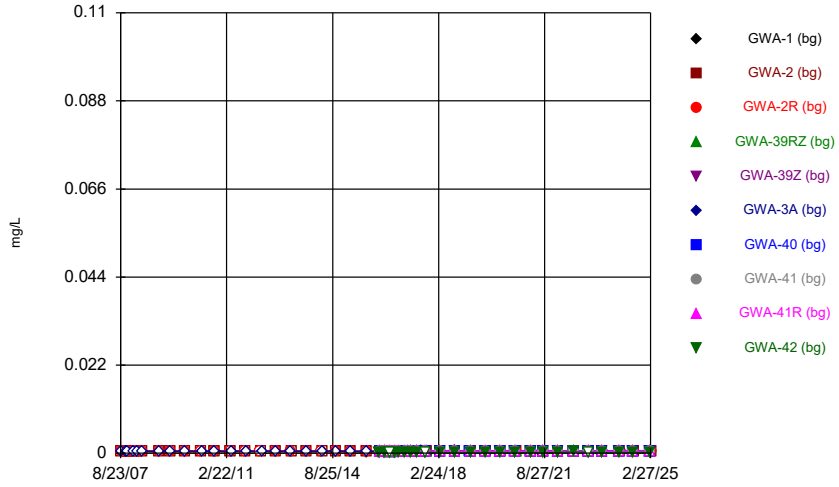
Time Series



Constituent: Boron Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

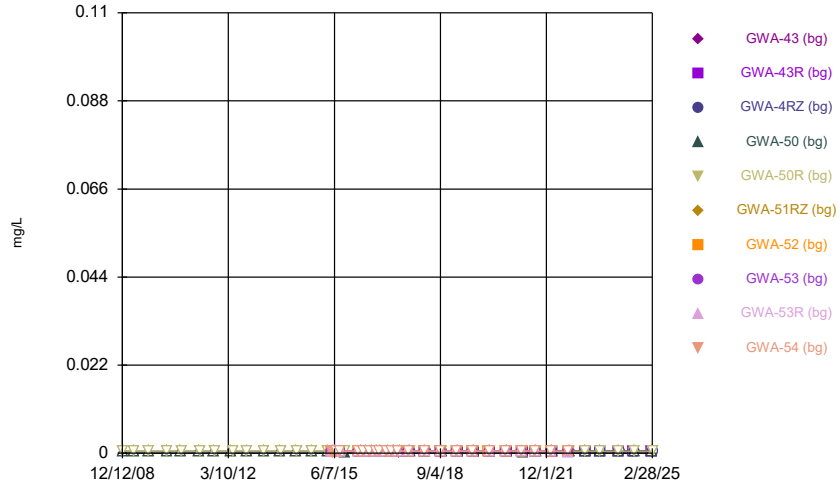
Time Series



Constituent: Cadmium Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Cadmium Analysis Run 6/26/2025 10:59 AM
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Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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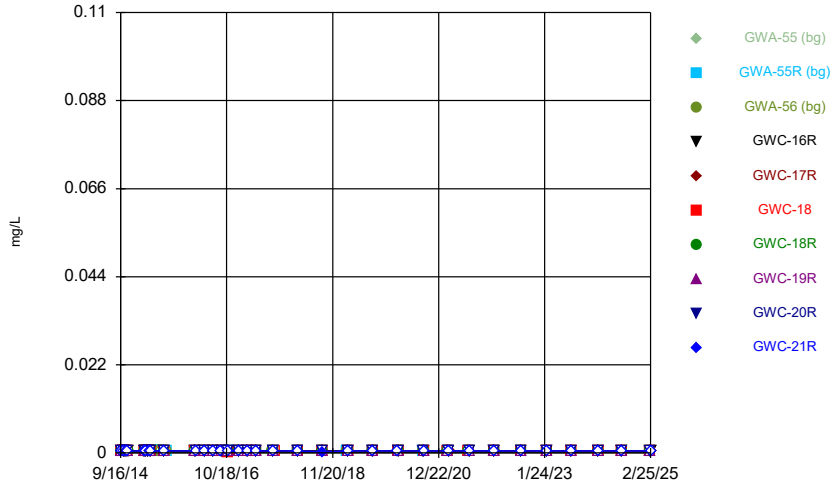
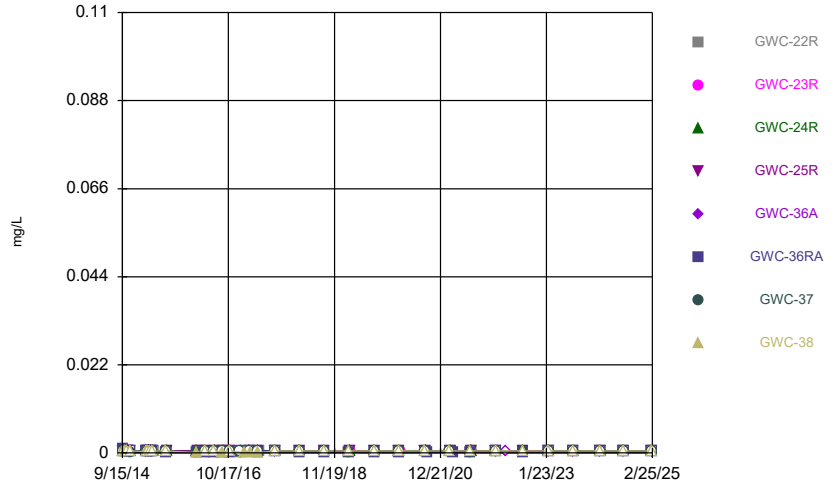
Time Series



Constituent: Cadmium Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

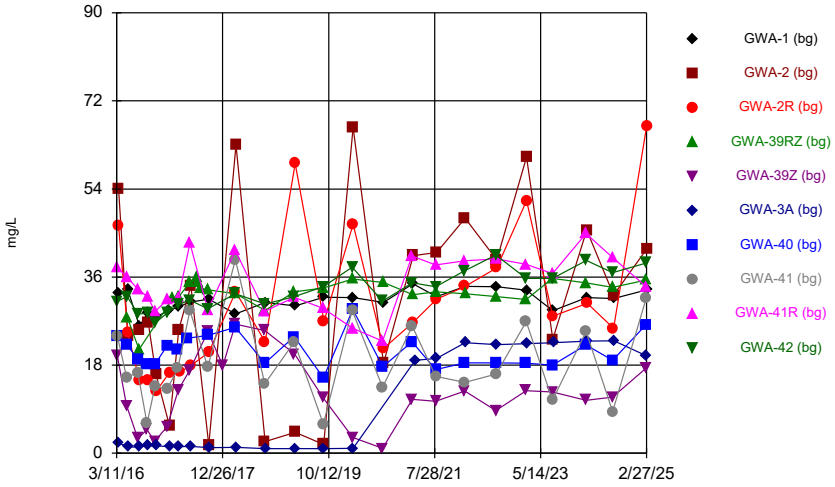
Time Series



Constituent: Cadmium Analysis Run 6/26/2025 10:59 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Time Series

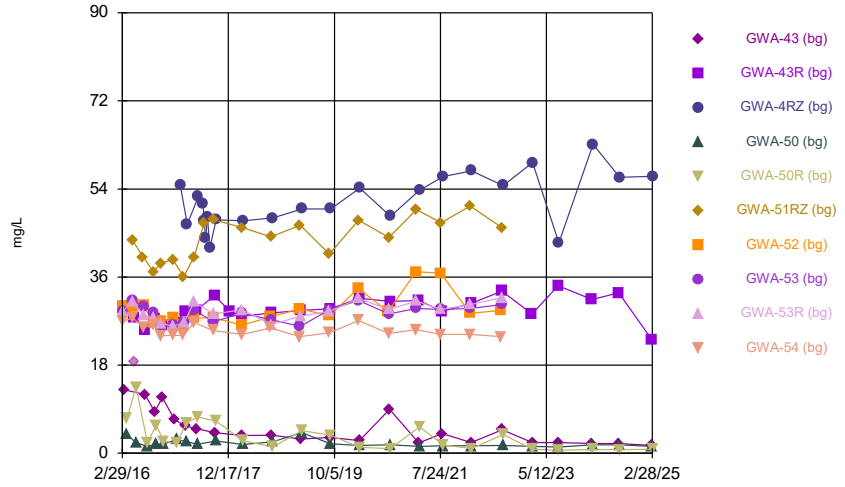


Constituent: Calcium Analysis Run 6/26/2025 10:59 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Time Series

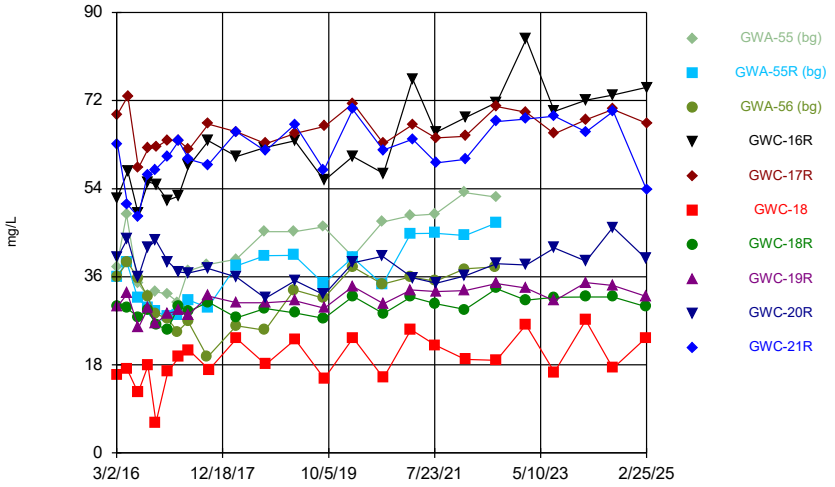


Constituent: Calcium Analysis Run 6/26/2025 10:59 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Time Series

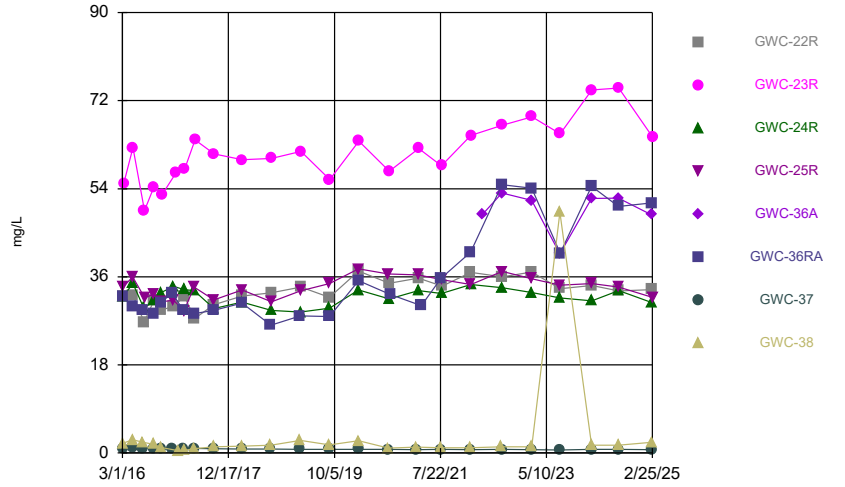


Constituent: Calcium Analysis Run 6/26/2025 11:00 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Time Series

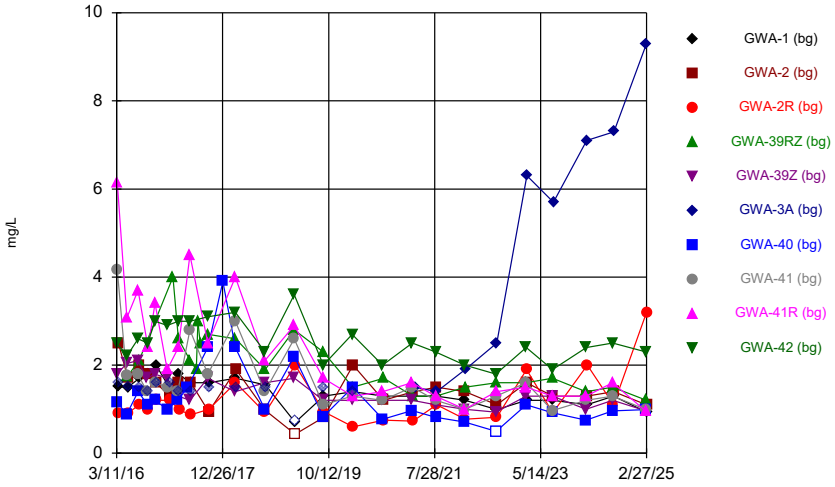


Constituent: Calcium Analysis Run 6/26/2025 11:00 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

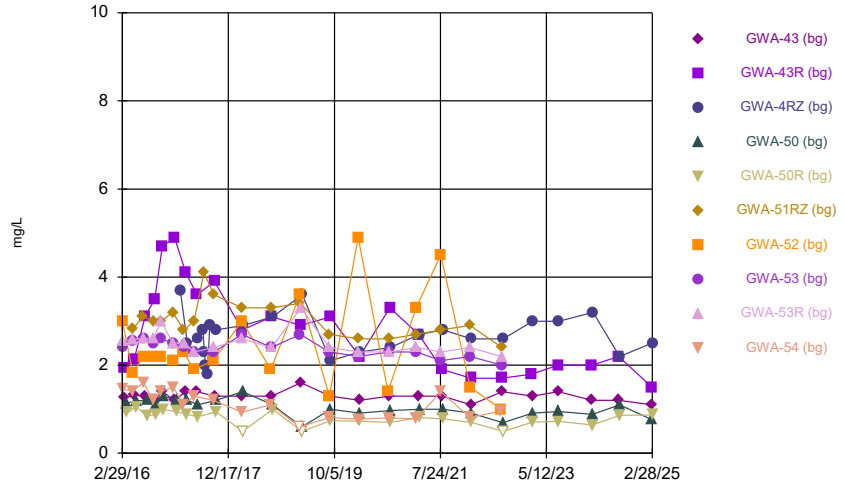
Time Series



Constituent: Chloride Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

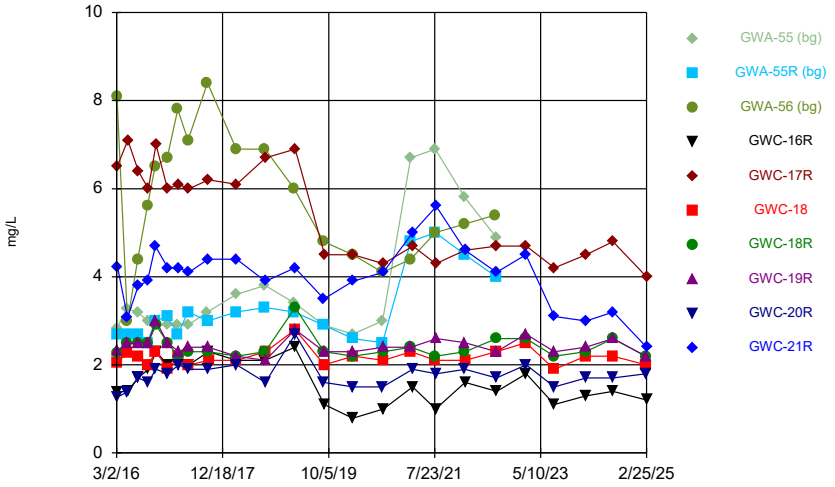
Time Series



Constituent: Chloride Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

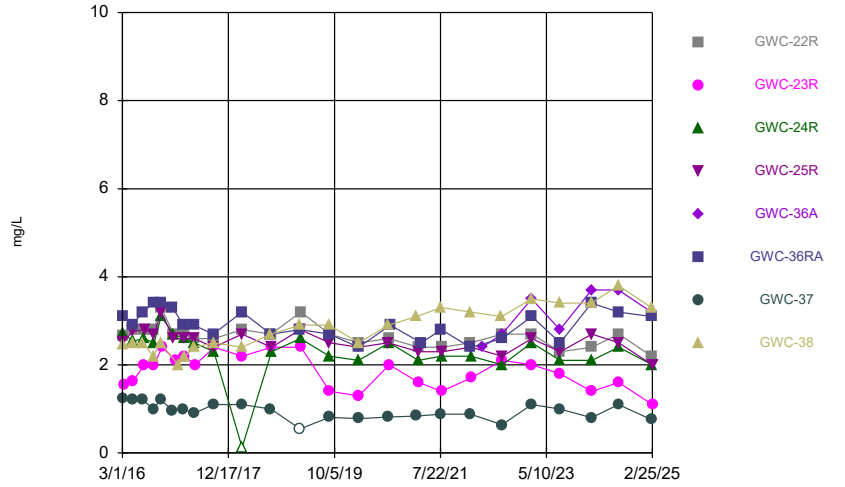
Time Series



Constituent: Chloride Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

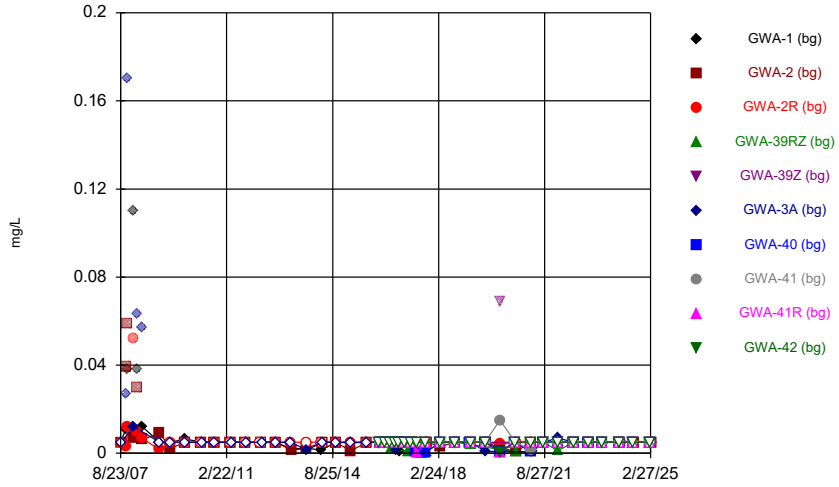
Time Series



Constituent: Chloride Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

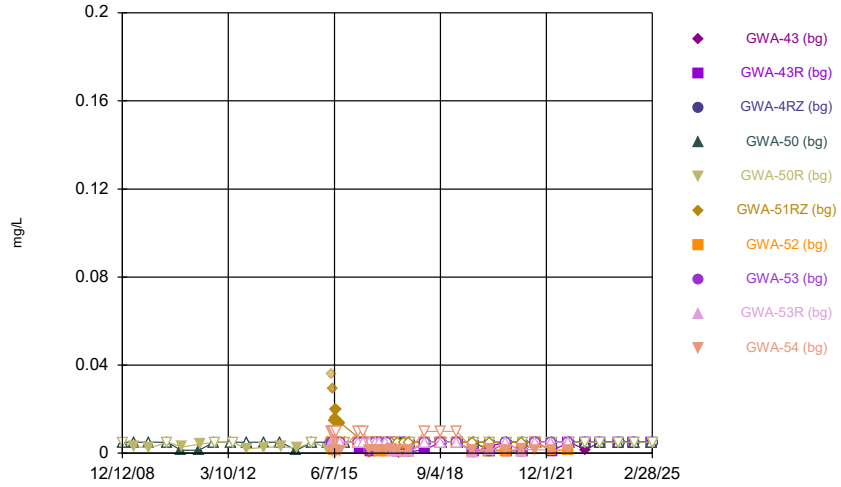
Time Series



Constituent: Chromium Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

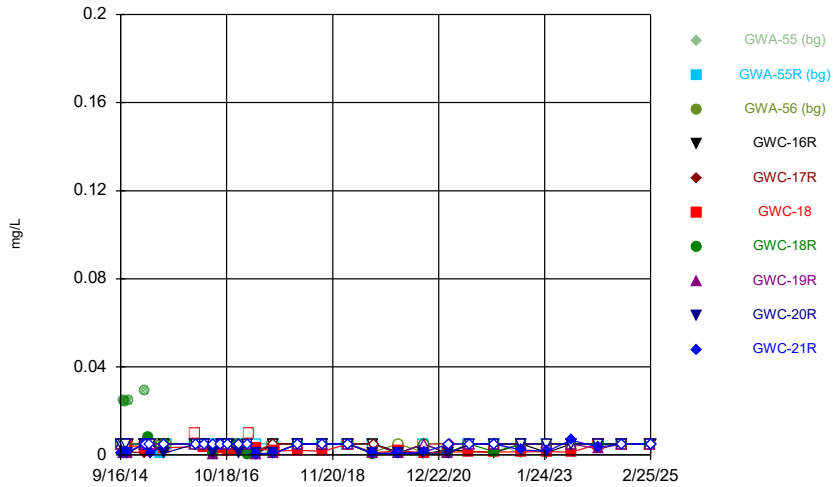
Time Series



Constituent: Chromium Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

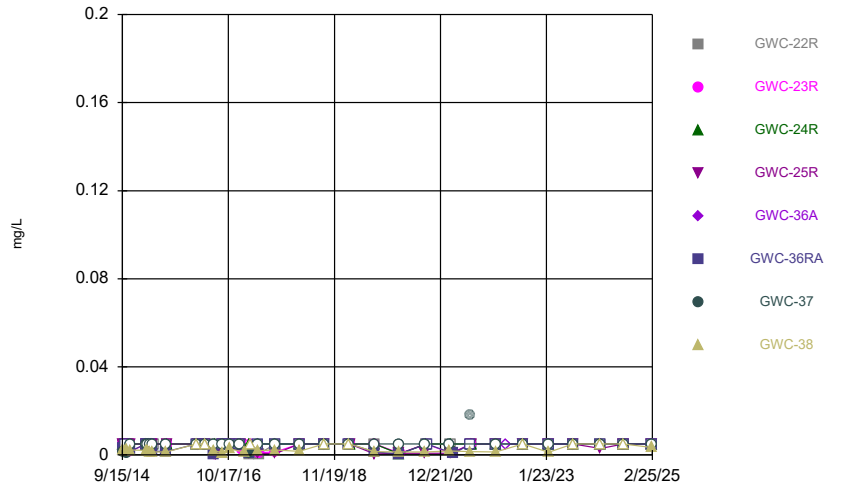
Time Series



Constituent: Chromium Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

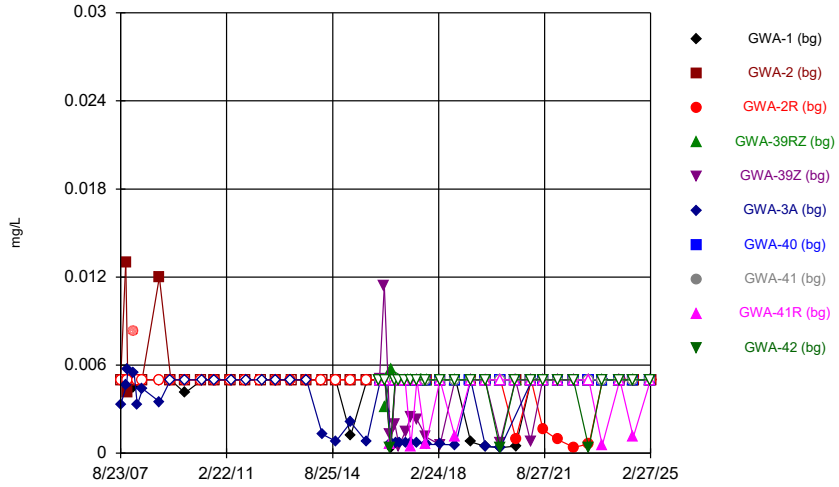
Time Series



Constituent: Chromium Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

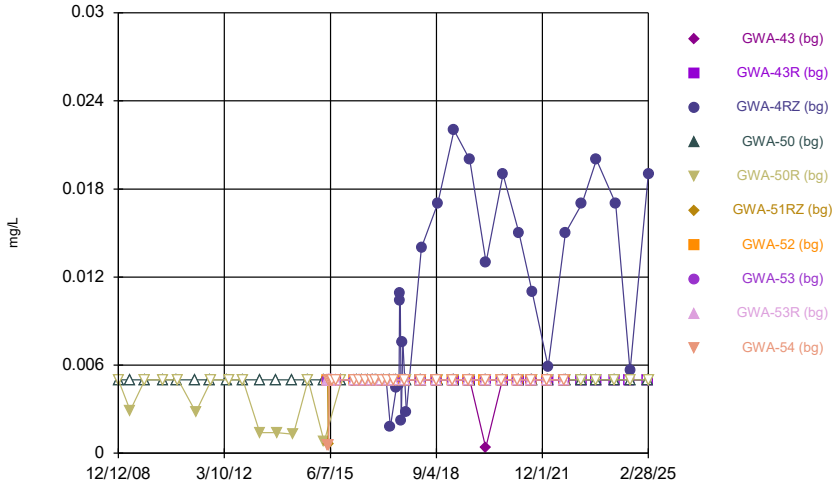
Time Series



Constituent: Cobalt Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Cobalt Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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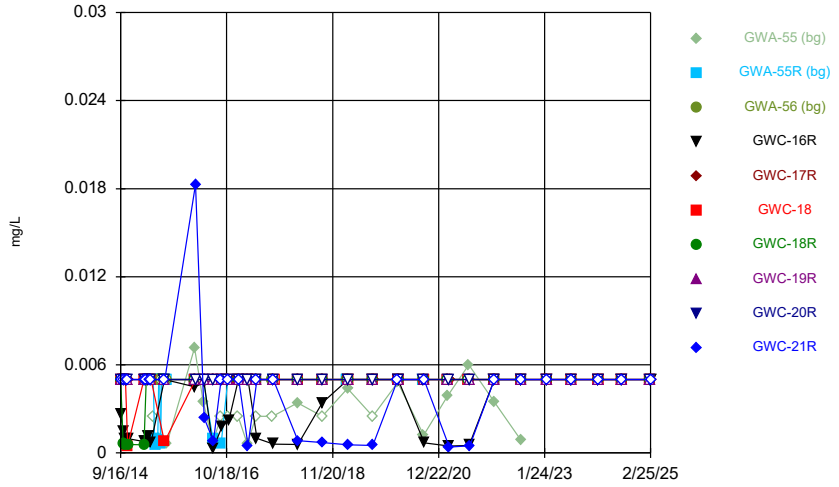
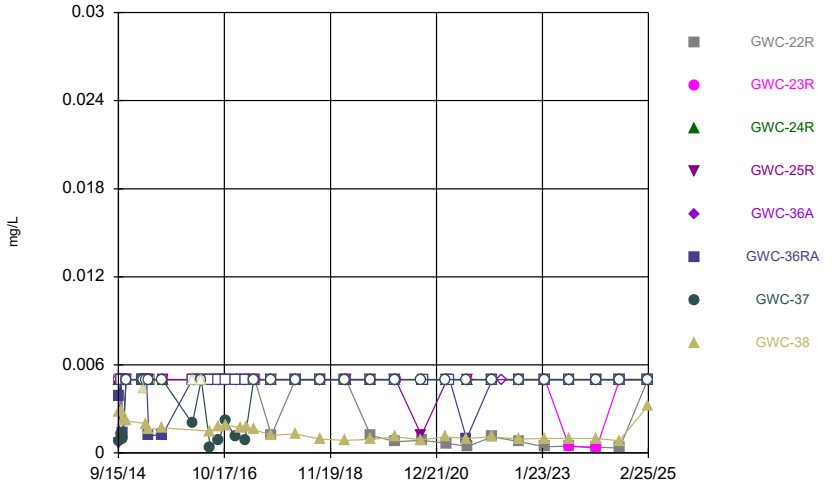
Time Series



Constituent: Cobalt Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

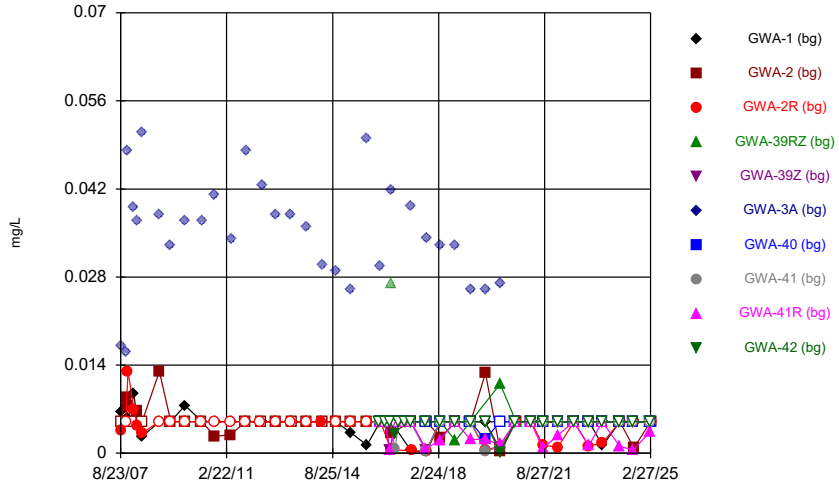
Time Series



Constituent: Cobalt Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

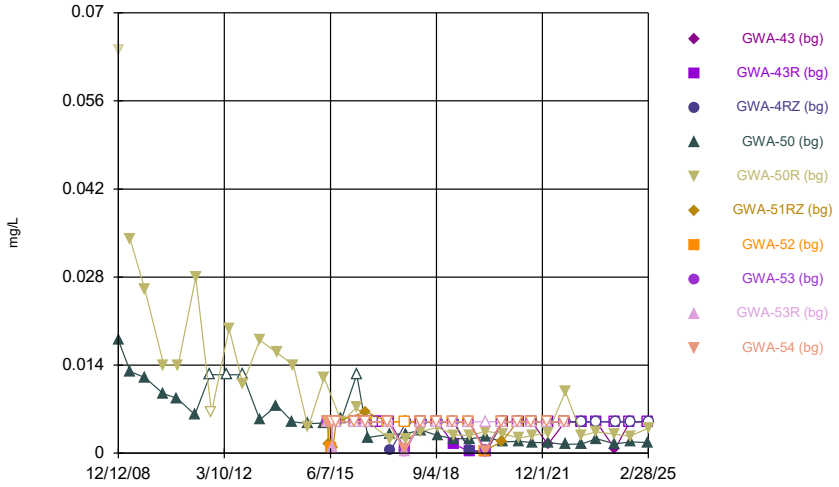
Time Series



Constituent: Copper Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

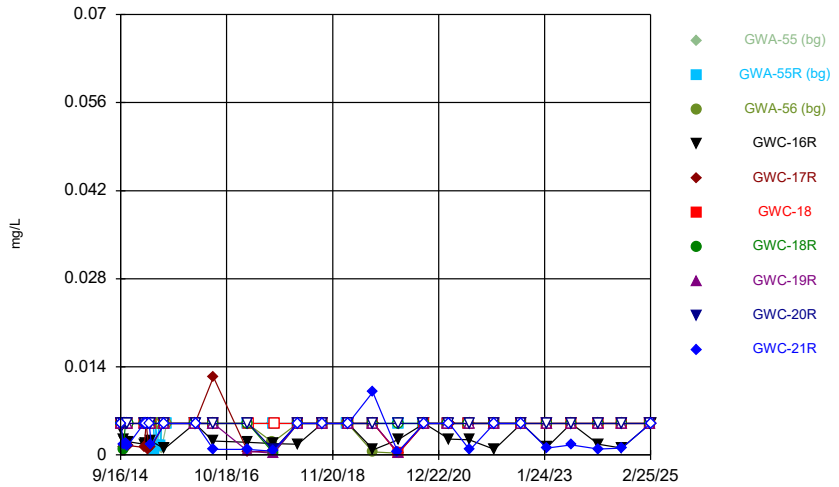
Time Series



Constituent: Copper Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

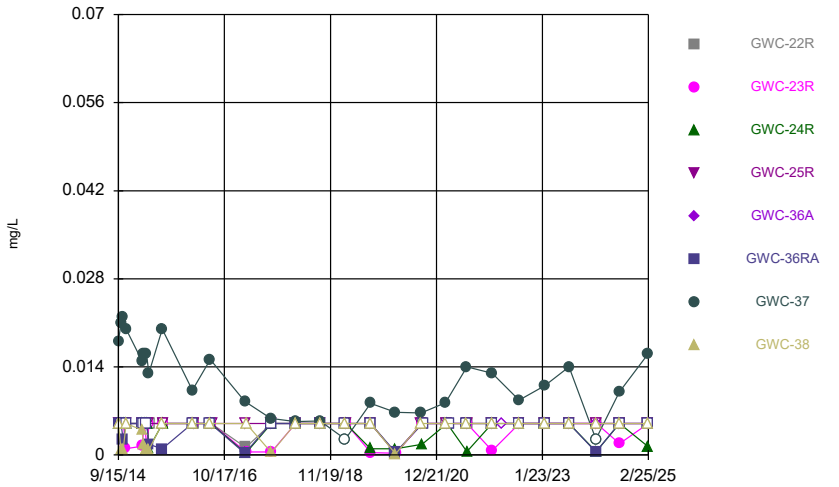
Time Series



Constituent: Copper Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Copper Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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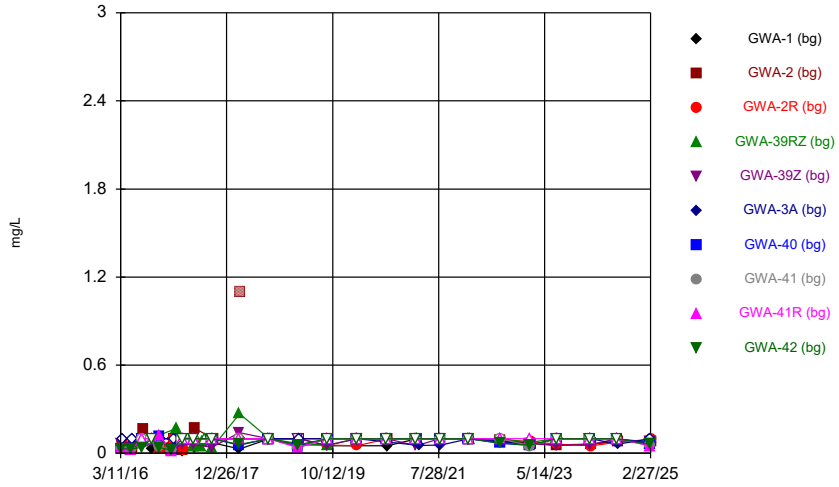
Hollow symbols indicate censored values.

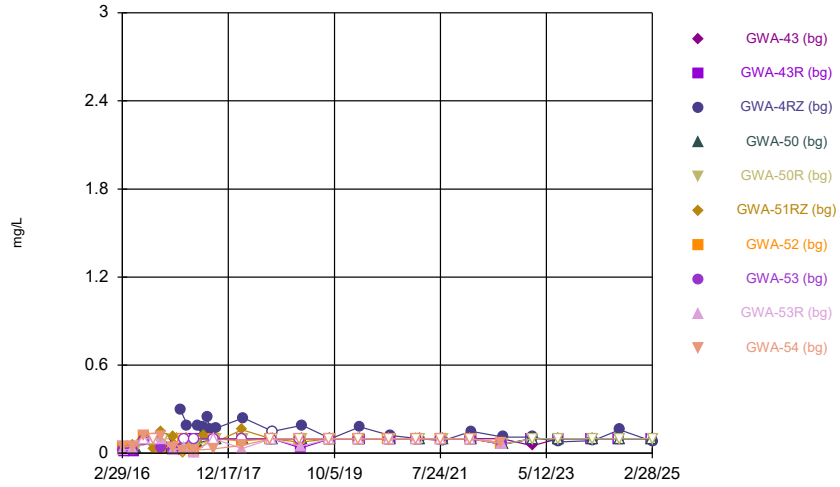
Time Series



Constituent: Fluoride Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

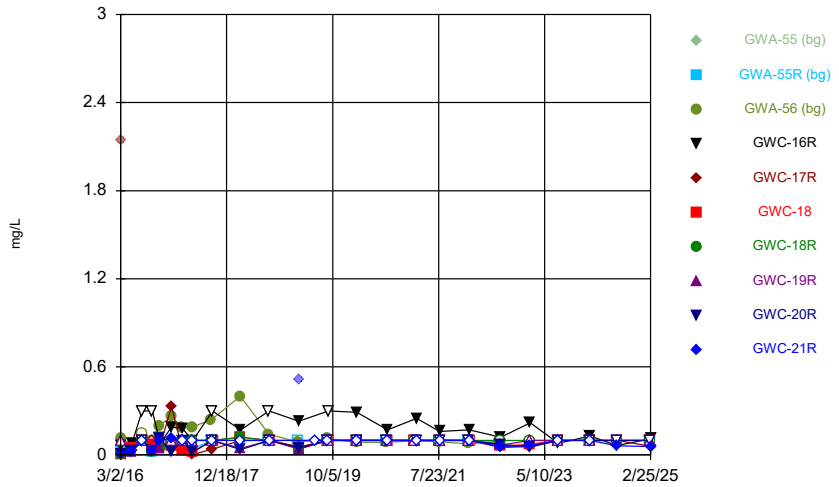
Time Series



Constituent: Fluoride Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

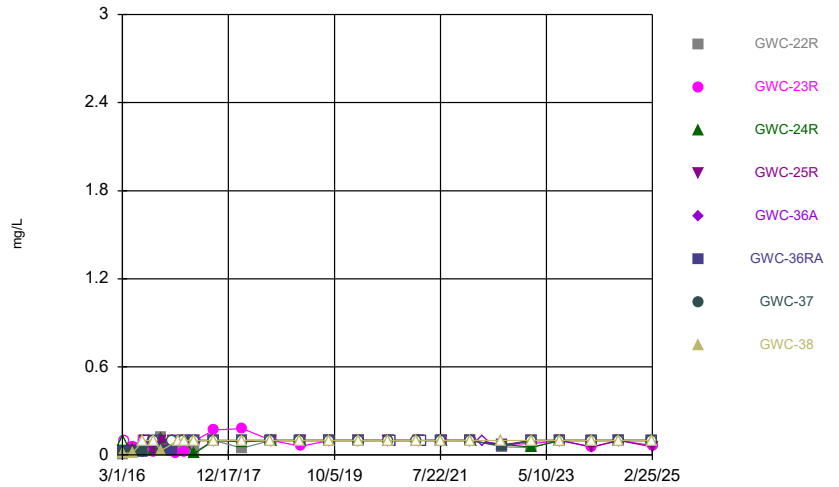
Time Series



Constituent: Fluoride Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

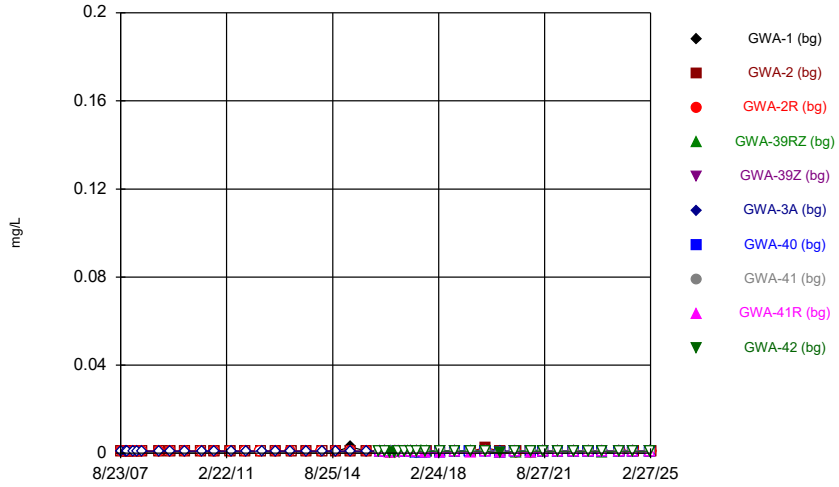
Time Series



Constituent: Fluoride Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

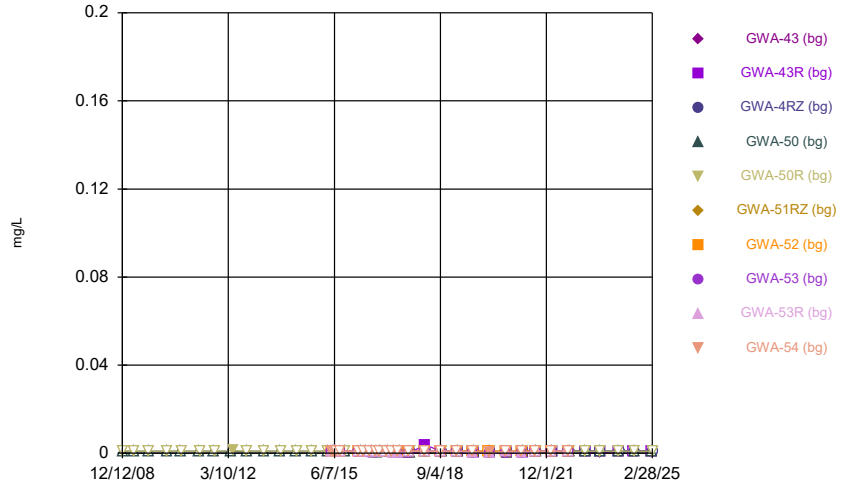
Time Series



Constituent: Lead Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

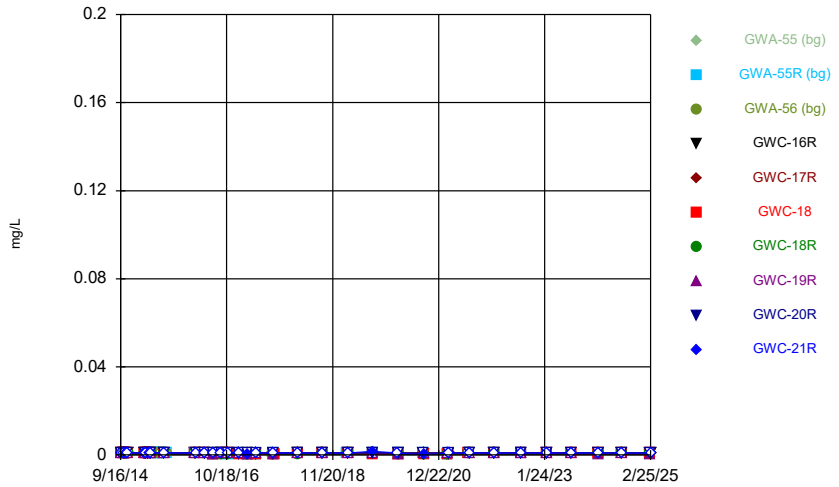
Time Series



Constituent: Lead Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

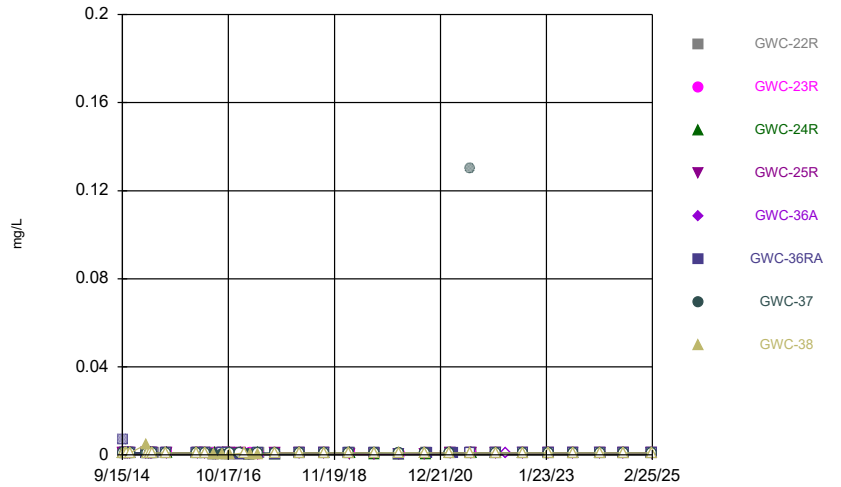
Time Series



Constituent: Lead Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

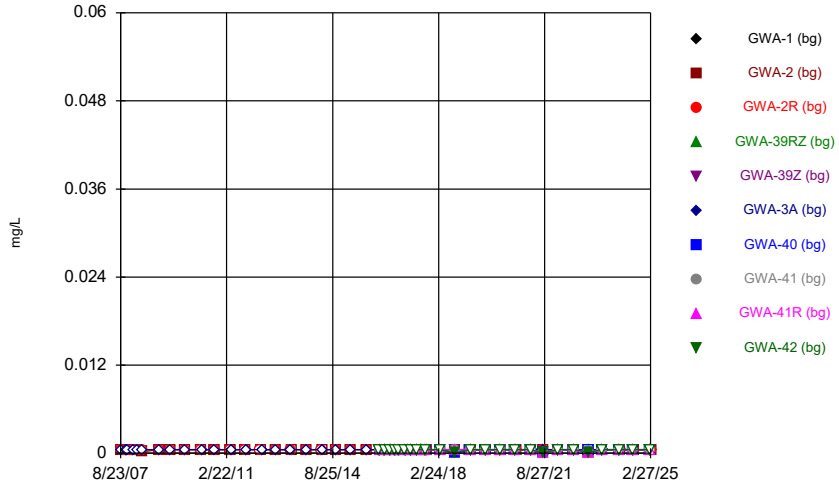
Time Series



Constituent: Lead Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

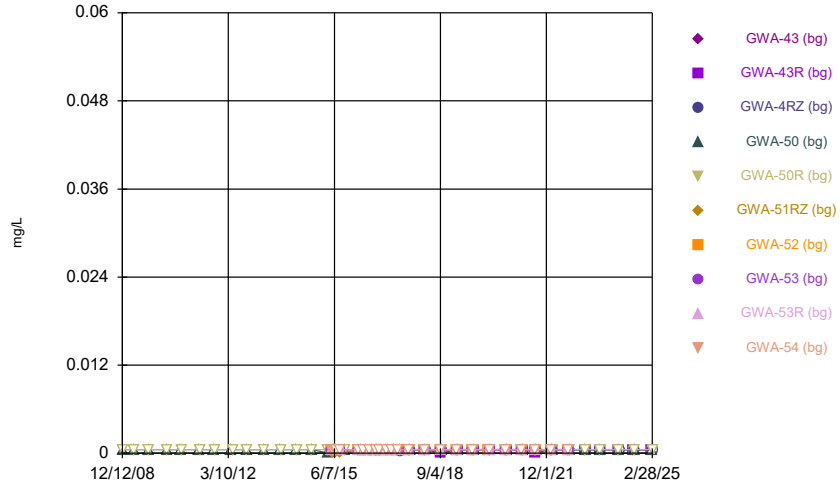
Time Series



Constituent: Mercury Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

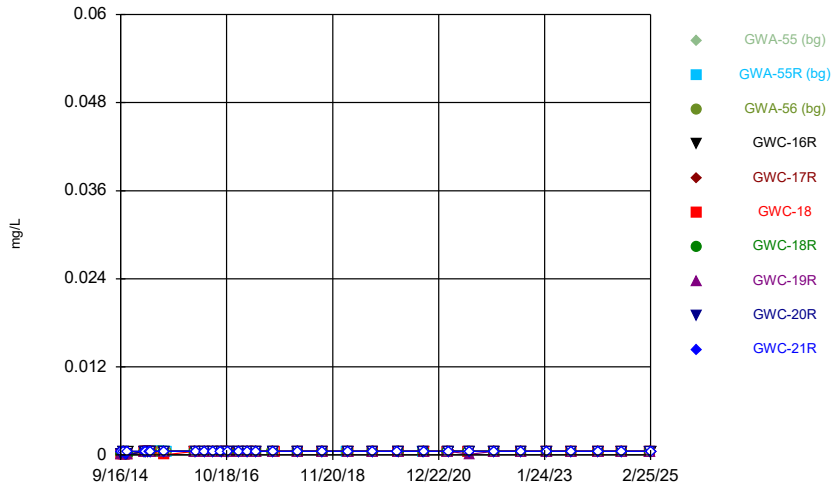
Time Series



Constituent: Mercury Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

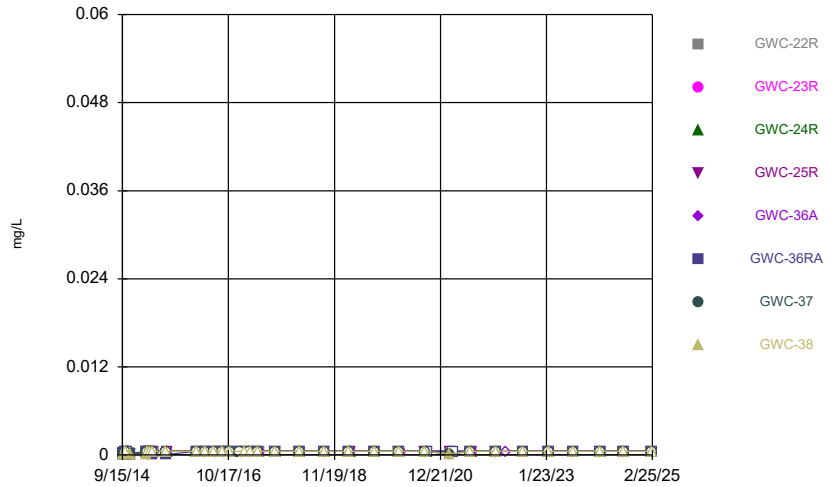
Time Series



Constituent: Mercury Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

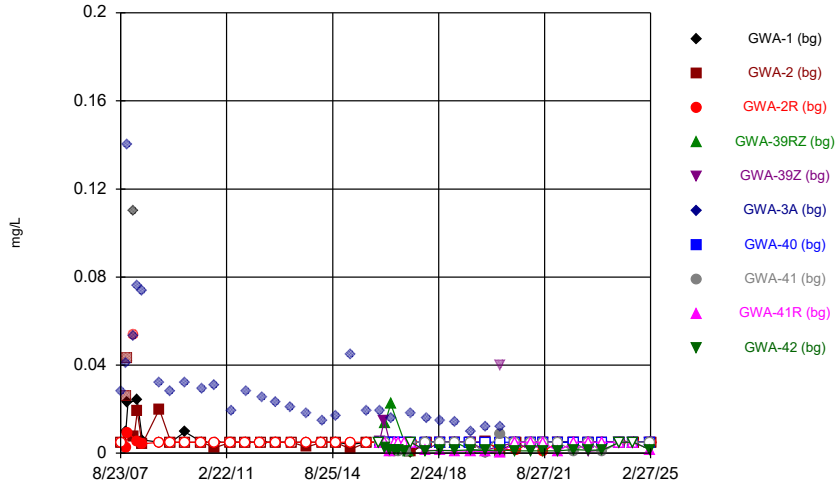
Time Series



Constituent: Mercury Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

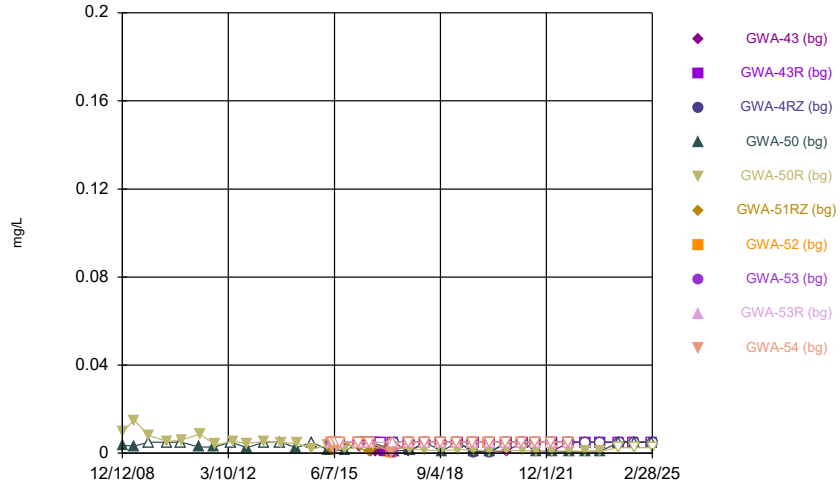
Time Series



Constituent: Nickel Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

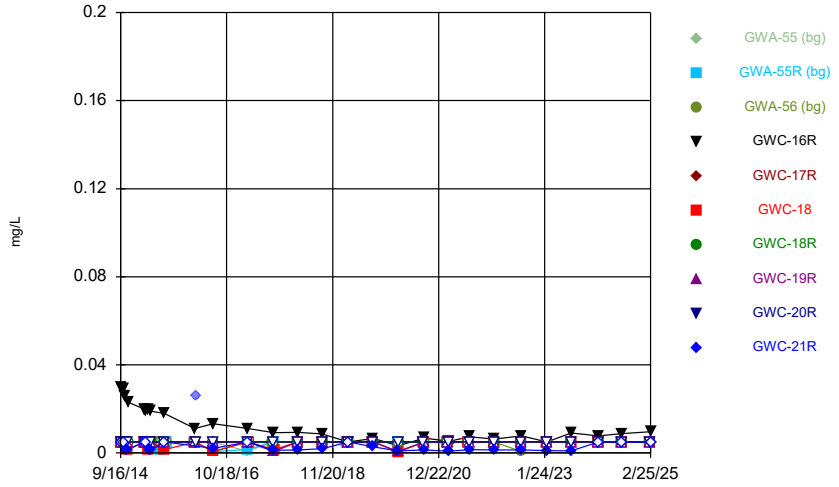
Time Series



Constituent: Nickel Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

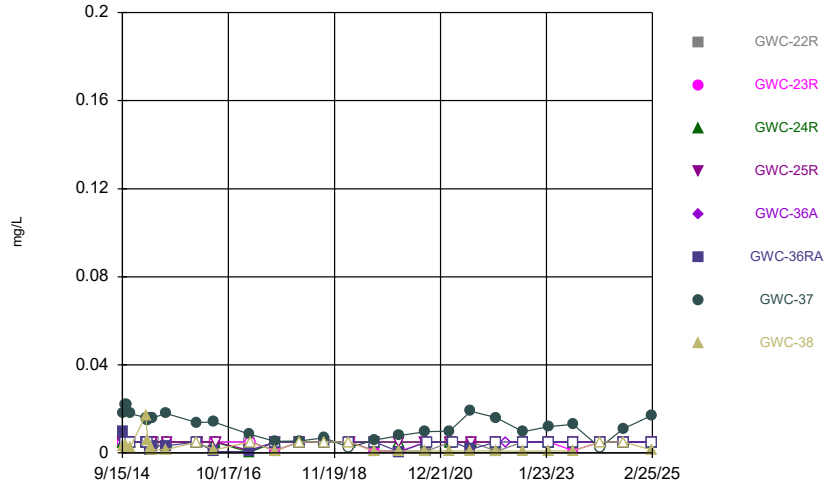
Time Series



Constituent: Nickel Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

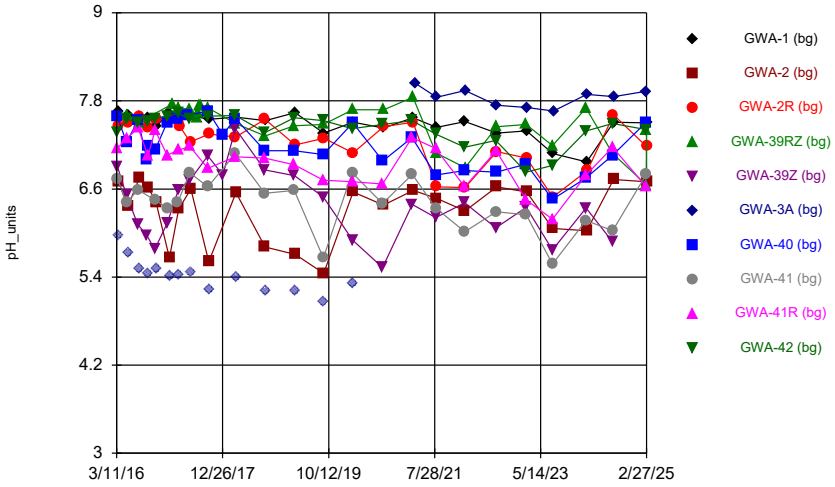
Time Series



Constituent: Nickel Analysis Run 6/26/2025 11:00 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Time Series

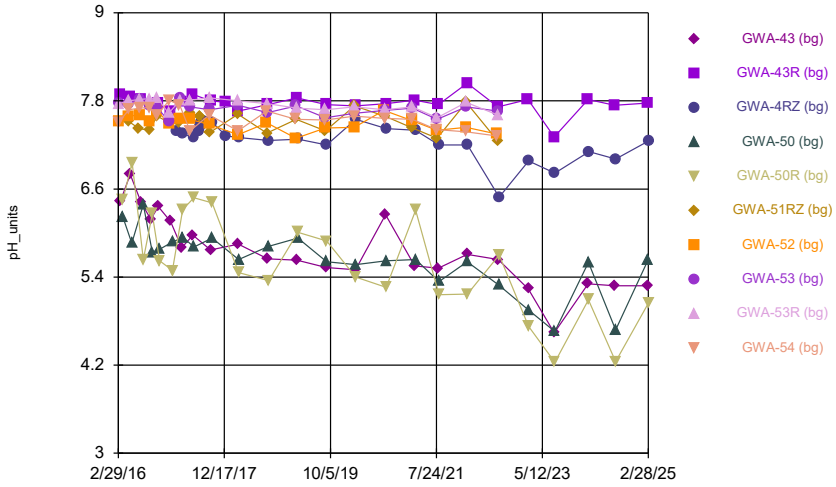


Constituent: pH Analysis Run 6/26/2025 11:01 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Time Series

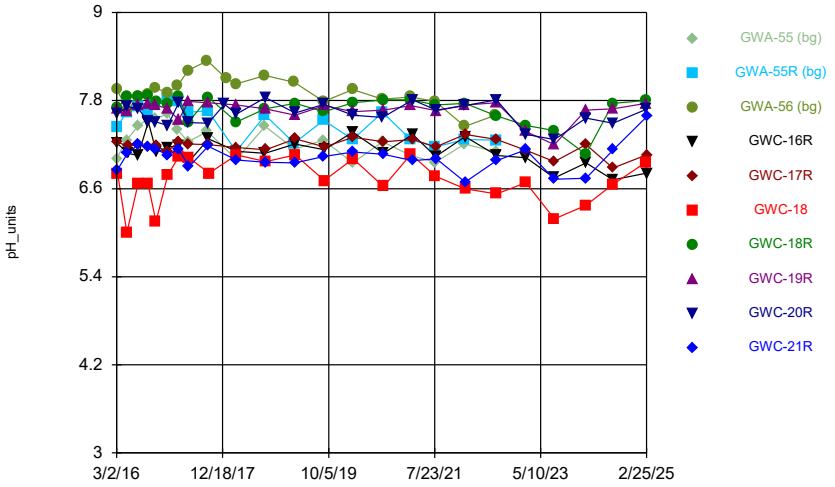


Constituent: pH Analysis Run 6/26/2025 11:01 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Time Series

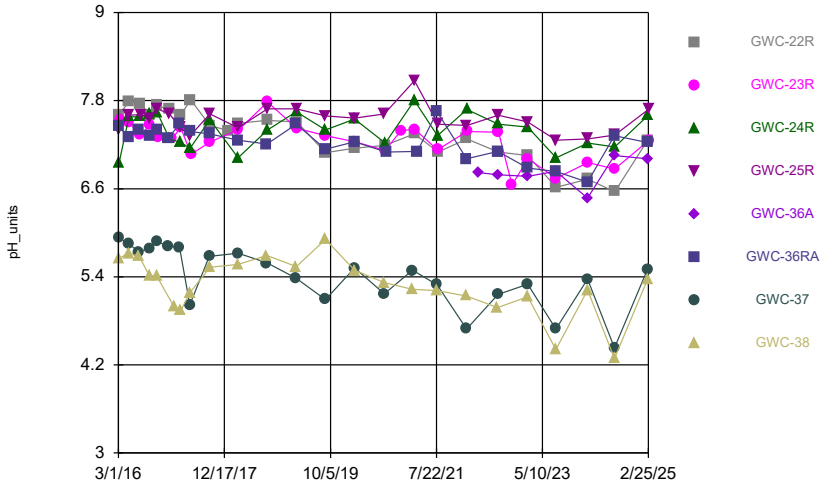


Constituent: pH Analysis Run 6/26/2025 11:01 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Time Series

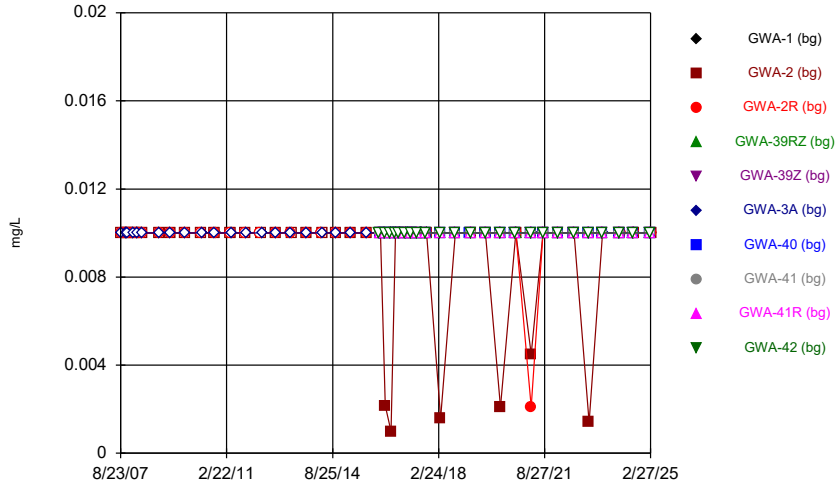


Constituent: pH Analysis Run 6/26/2025 11:01 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

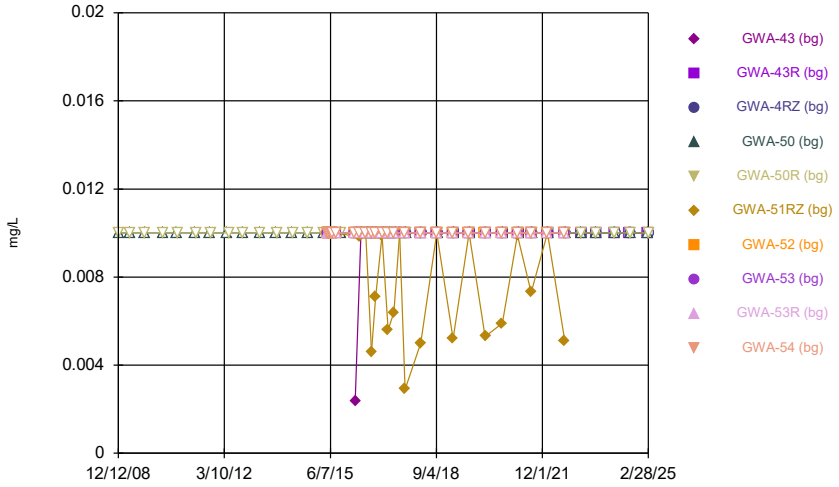
Time Series



Constituent: Selenium Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

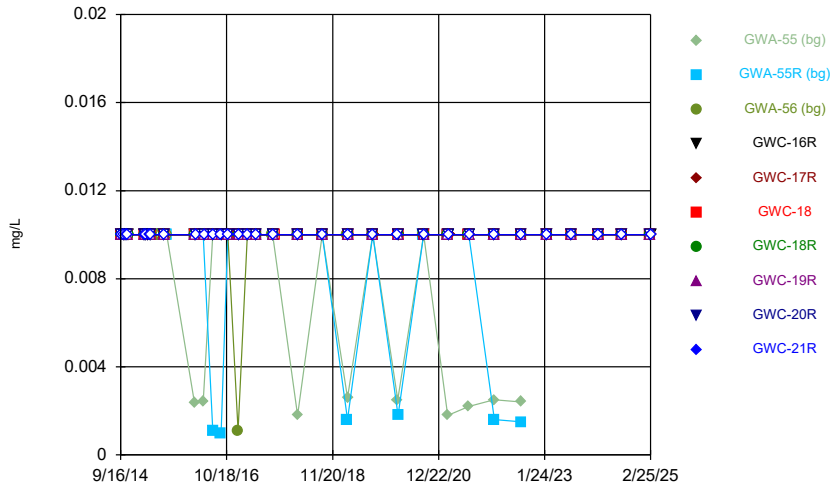
Time Series



Constituent: Selenium Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

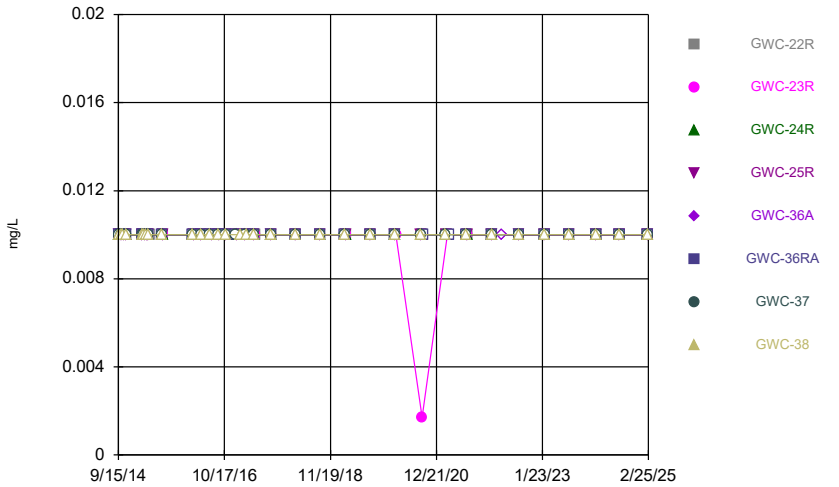
Time Series



Constituent: Selenium Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

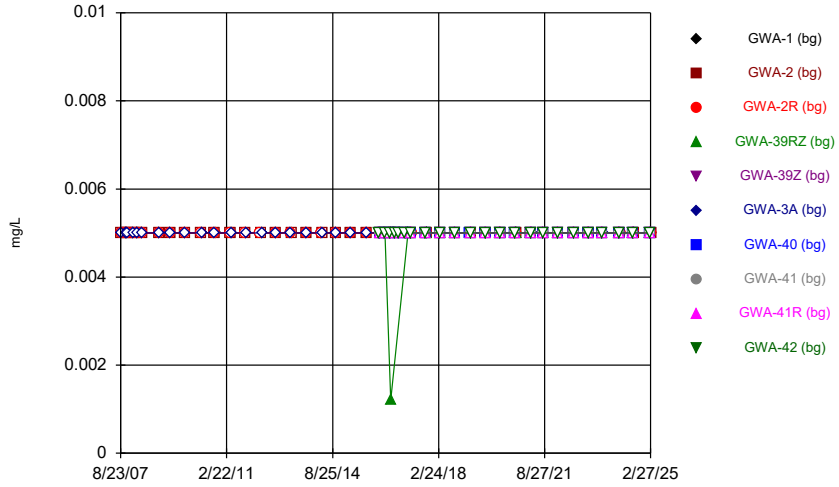
Time Series



Constituent: Selenium Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

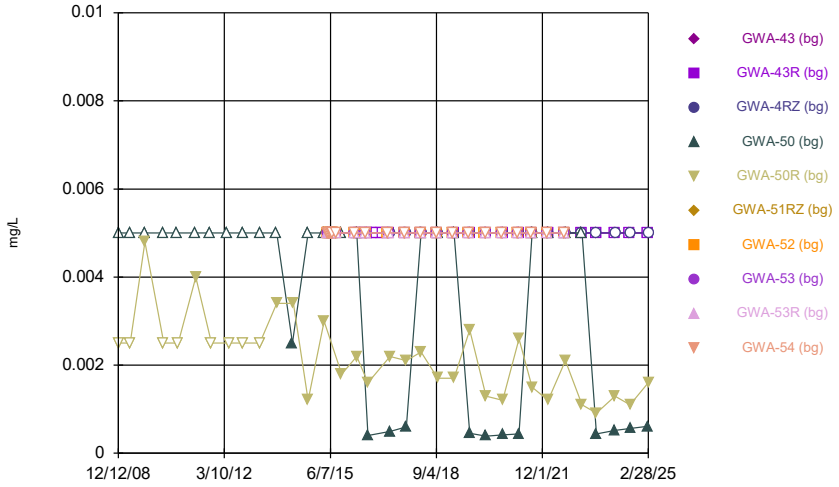
Time Series



Constituent: Silver Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

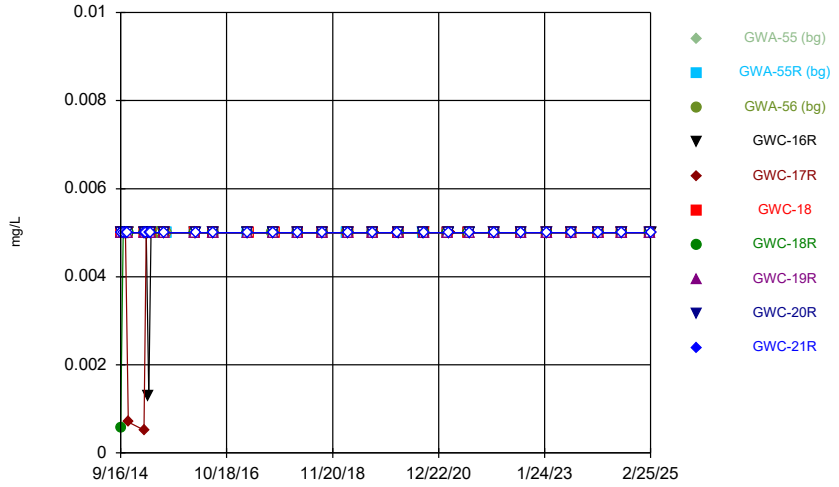
Time Series



Constituent: Silver Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

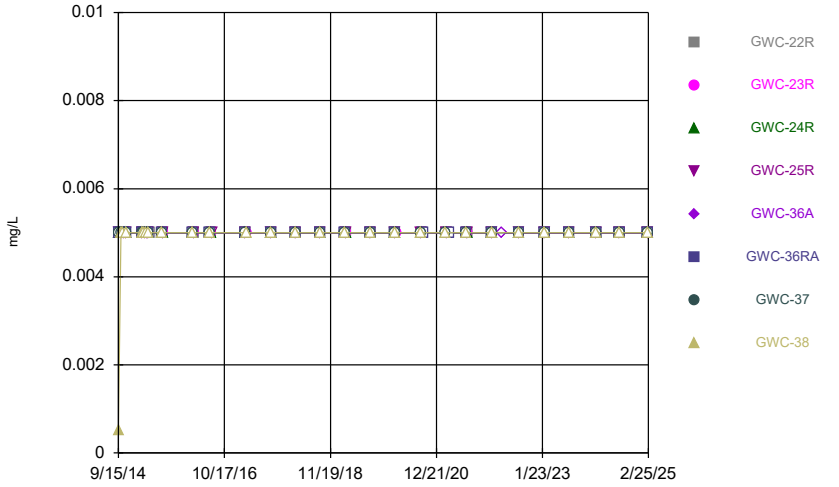
Time Series



Constituent: Silver Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Silver Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
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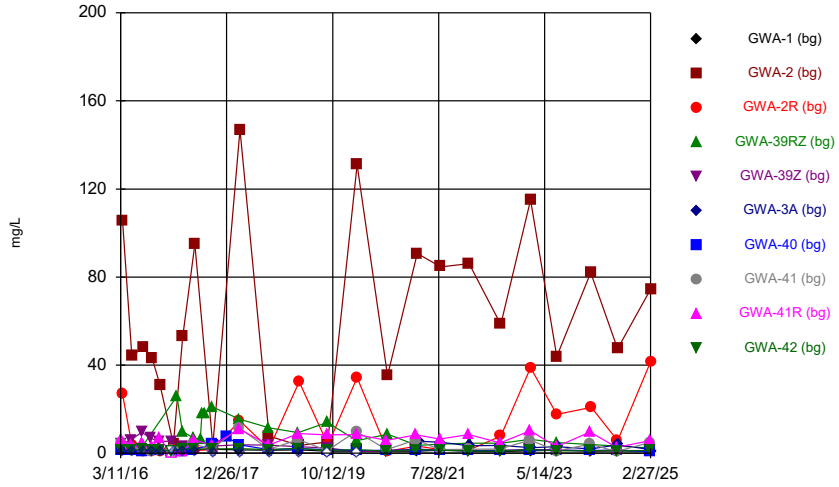
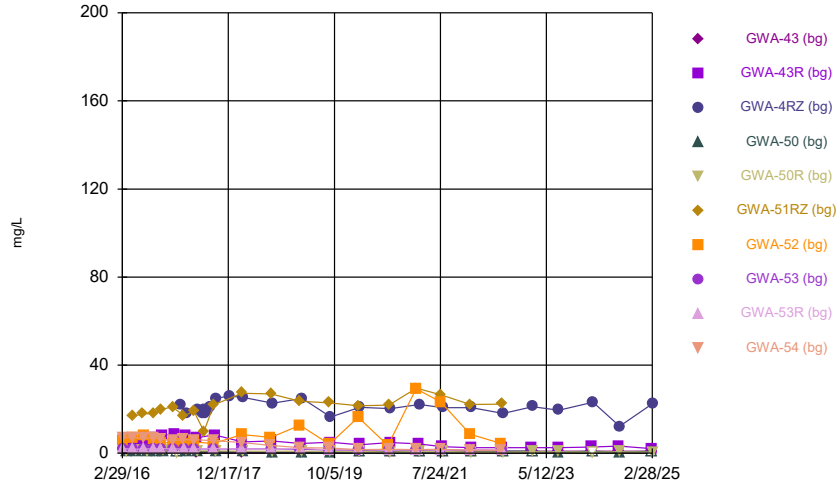
Time Series



Constituent: Sulfate Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

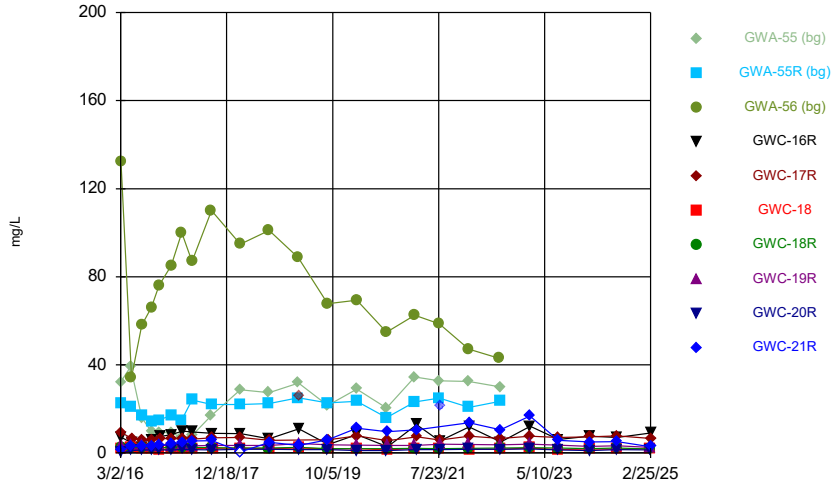
Time Series



Constituent: Sulfate Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

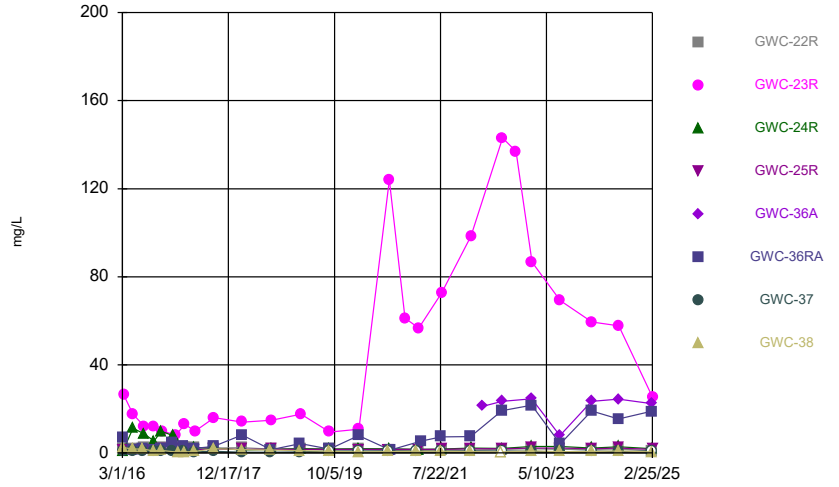
Time Series



Constituent: Sulfate Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

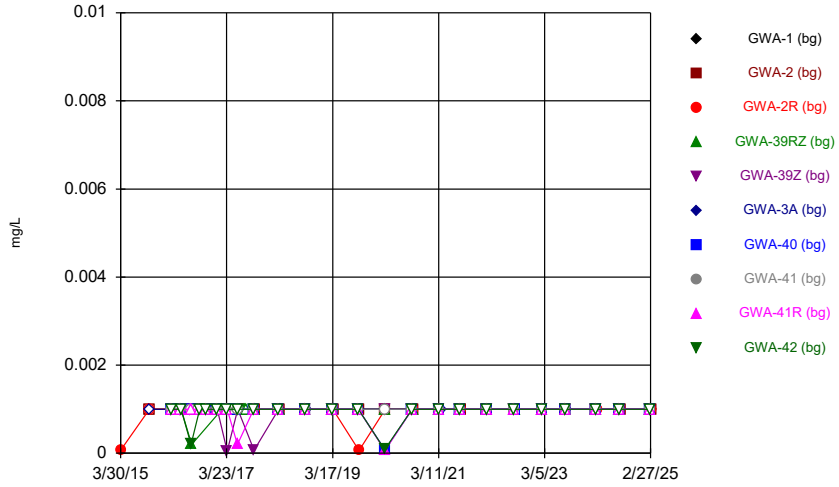
Time Series



Constituent: Sulfate Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

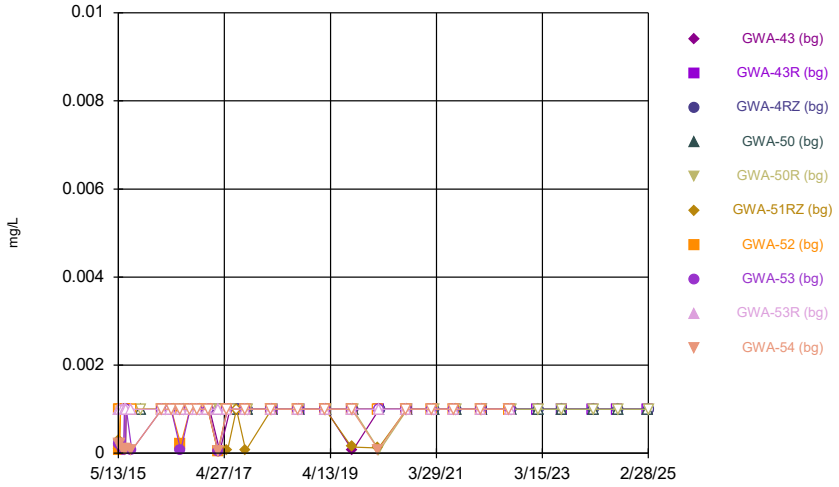
Time Series



Constituent: Thallium Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

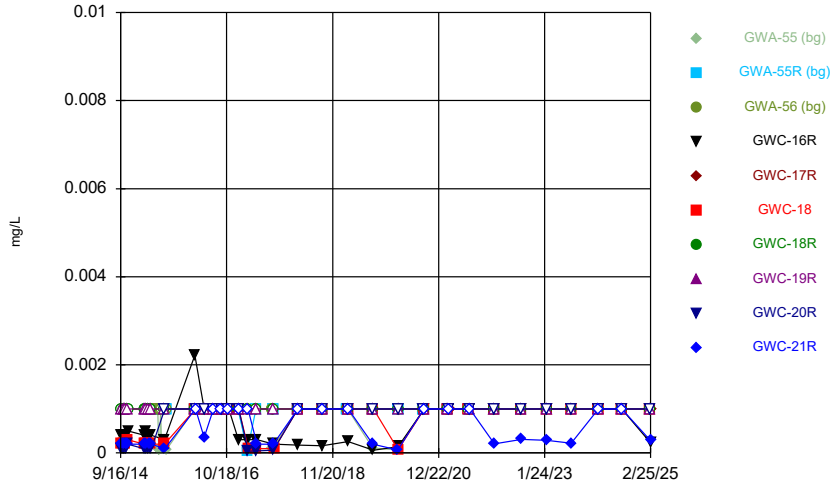
Time Series



Constituent: Thallium Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

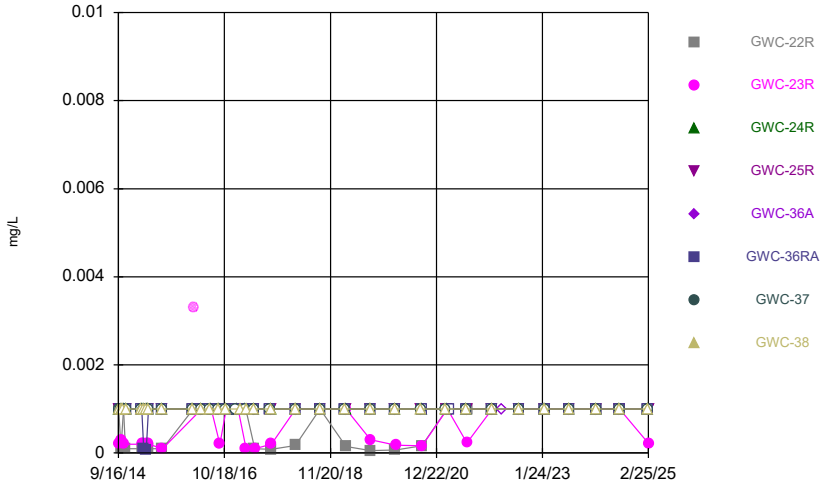
Time Series



Constituent: Thallium Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

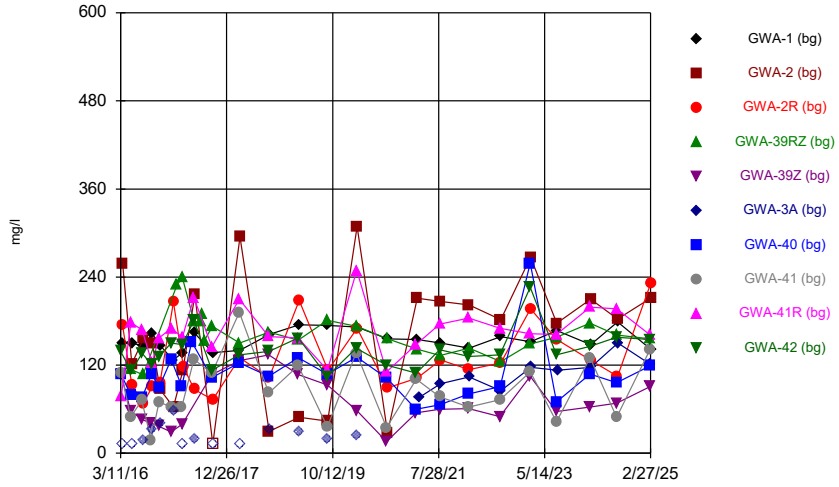
Time Series



Constituent: Thallium Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

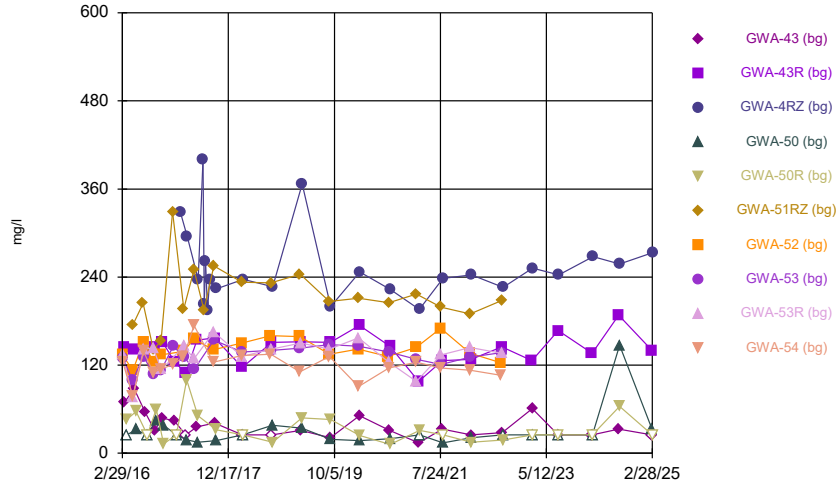
Time Series



Constituent: Total Dissolved Solids Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

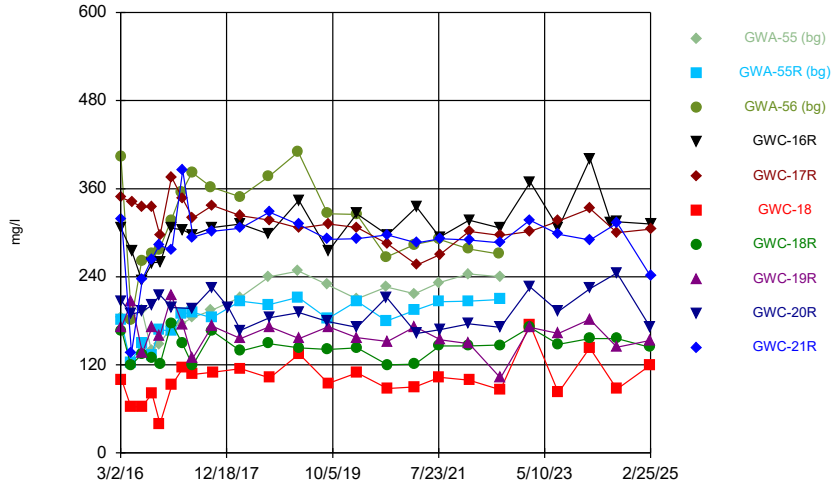
Time Series



Constituent: Total Dissolved Solids Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

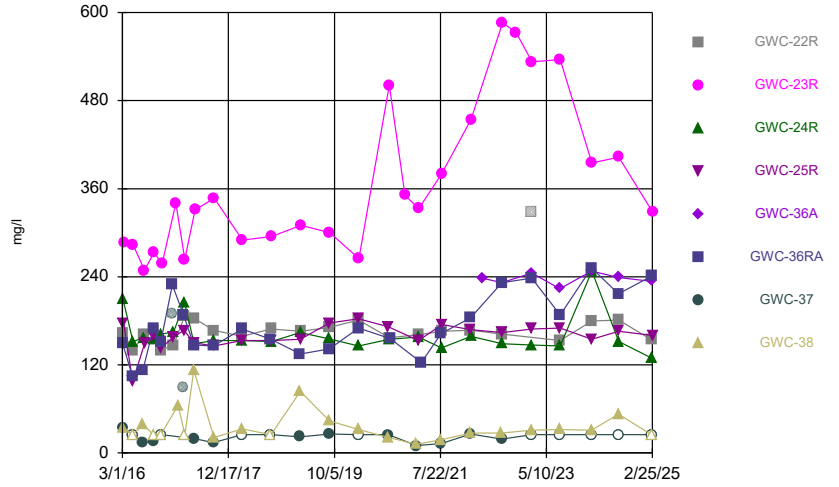
Time Series



Constituent: Total Dissolved Solids Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

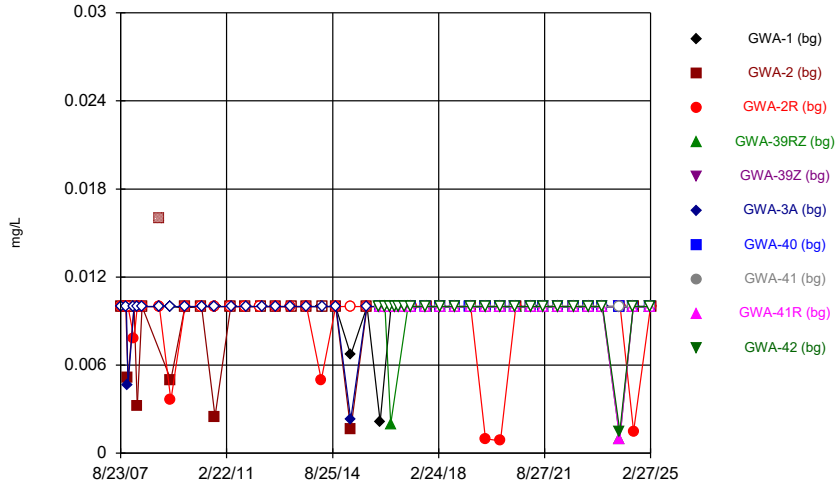
Time Series



Constituent: Total Dissolved Solids Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

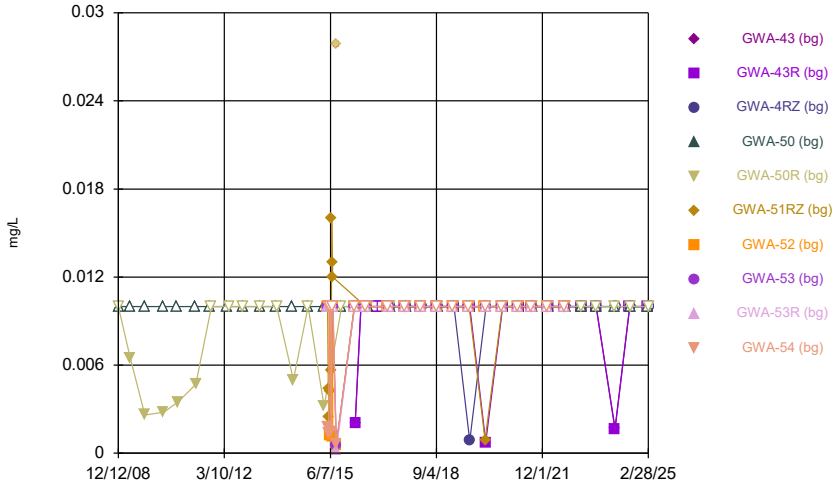
Time Series



Constituent: Vanadium Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

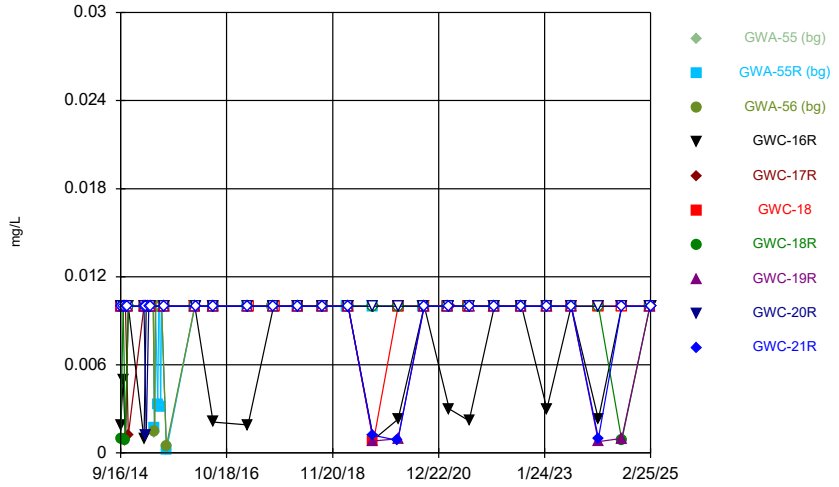
Time Series



Constituent: Vanadium Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

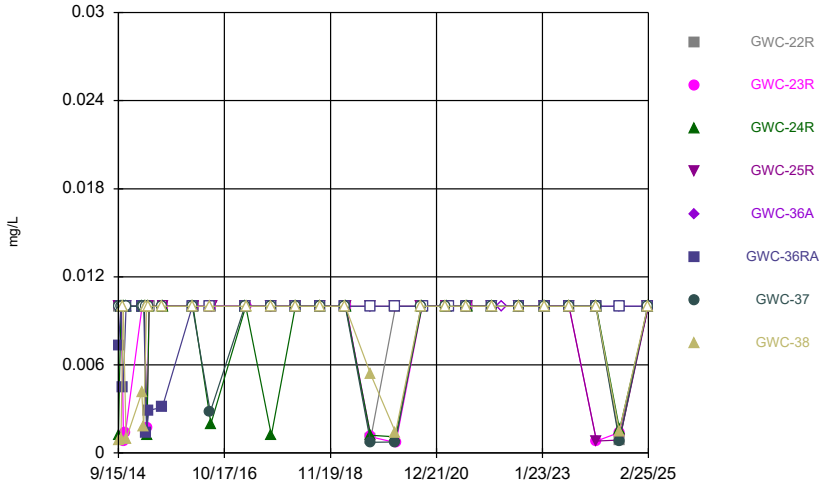
Time Series



Constituent: Vanadium Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

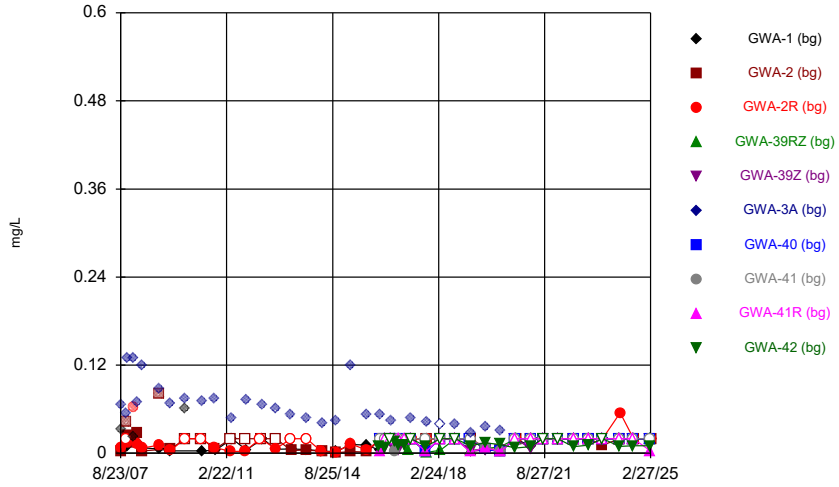
Time Series



Constituent: Vanadium Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

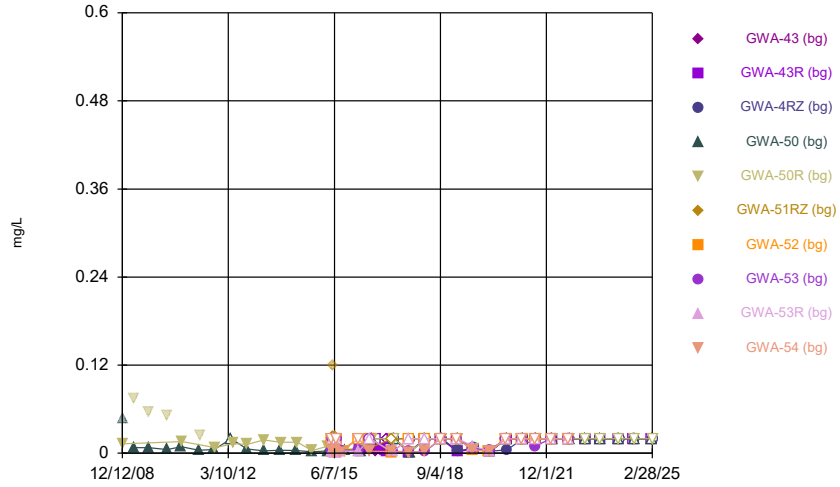
Time Series



Constituent: Zinc Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

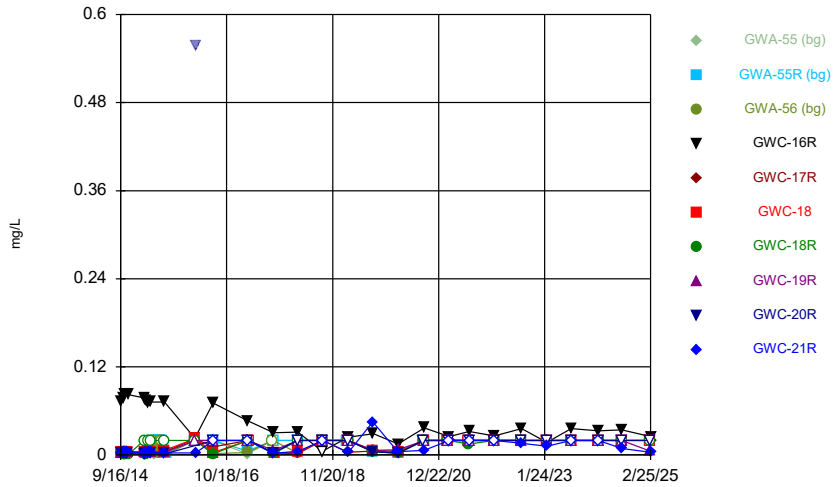
Time Series



Constituent: Zinc Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

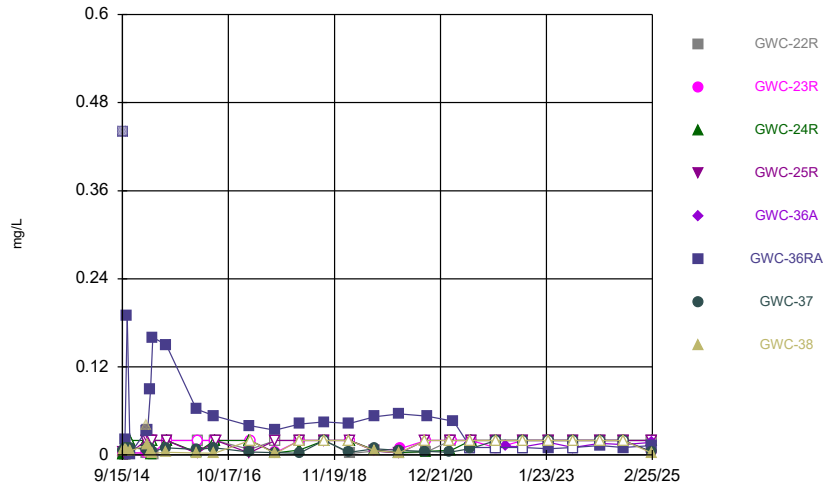
Time Series



Constituent: Zinc Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 6/26/2025 11:01 AM
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/23/2007	<0.003	<0.003	<0.003			<0.003			
10/23/2007	<0.003								
10/24/2007		<0.003	<0.003						
11/2/2007						<0.003			
11/18/2007	<0.003	<0.003	<0.003			<0.003			
1/30/2008	<0.003								
1/31/2008		<0.003	<0.003			<0.003			
3/10/2008	<0.003		<0.003						
3/11/2008		<0.003				<0.003			
5/6/2008		<0.003							
5/13/2008	<0.003		<0.003						
5/14/2008						<0.003			
12/4/2008		<0.003	<0.003						
12/5/2008	<0.003					<0.003			
4/15/2009	<0.003					<0.003			
4/21/2009		<0.003	<0.003						
10/7/2009	<0.003	<0.003							
10/8/2009			<0.003			<0.003			
4/21/2010			<0.003						
4/26/2010		<0.003							
4/28/2010						<0.003			
5/3/2010	<0.003								
9/28/2010			<0.003						
10/4/2010		<0.003							
10/6/2010						<0.003			
10/12/2010	<0.003								
4/12/2011			<0.003						
4/13/2011		<0.003							
4/21/2011						<0.003			
4/27/2011	<0.003								
10/4/2011			<0.003						
10/5/2011		<0.003							
10/13/2011						<0.003			
10/17/2011	0.0054								
4/3/2012			0.0053						
4/11/2012		<0.003							
5/1/2012						<0.003			
5/2/2012	<0.003								
10/8/2012	<0.003								
10/9/2012		<0.003	<0.003			<0.003			
4/11/2013			0.0075			<0.003			
4/12/2013	0.0058								
4/15/2013		<0.003							
10/15/2013		<0.003							
10/16/2013	0.01		<0.003			<0.003			
4/10/2014			0.0081						
4/11/2014	0.005 (J)								
4/22/2014		<0.003							
4/23/2014						<0.003			
9/30/2014	0.0068	<0.003	0.0022 (J)						
10/4/2014						0.0031 (J)			
3/30/2015	0.0074	<0.003	0.011						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/31/2015						0.0068			
10/12/2015						<0.003			
10/13/2015	0.017	<0.003	0.0045 (J)						
3/11/2016									
3/14/2016					<0.003				
3/15/2016							<0.003	<0.003	<0.003
3/22/2016	0.00567								
3/23/2016		<0.003	0.00281 (J)			0.0035			
5/11/2016					0.000839 (J)		<0.003		
5/12/2016								<0.003	
5/13/2016									<0.003
5/16/2016				<0.003 (D)					
5/19/2016	0.00319		0.00264 (J)						
5/20/2016		<0.003							
5/23/2016						<0.003			
7/19/2016					0.0024 (J)				
7/20/2016								<0.003	
7/21/2016							<0.003		<0.003 (*)
7/22/2016									
7/27/2016				0.0003 (JD)					
7/29/2016	0.0025 (J)	<0.003	0.0069			0.0029 (J)			
9/15/2016					0.0009 (J)		<0.003	<0.003	
9/19/2016									
9/21/2016									<0.003
9/22/2016			0.0066			0.0041			
9/23/2016	0.0051	<0.003							
11/2/2016					0.001 (J)				
11/3/2016							0.0021 (J)	<0.003	<0.003
11/9/2016	0.0097 (J)	<0.003							
11/10/2016			<0.003			0.0048 (J)			
1/17/2017							<0.003		<0.003
1/18/2017					0.0017 (J)			<0.003	
1/30/2017	0.0032								
1/31/2017		<0.003	0.0064			<0.003			
2/21/2017				0.0057					
3/24/2017							<0.003	<0.003	
3/27/2017				0.0013 (JD)					0.0008 (J)
3/28/2017					0.0006 (J)				
3/30/2017	0.0028 (J)	<0.003				0.001 (J)			
4/3/2017			0.0049						
5/24/2017							<0.003		
6/6/2017								<0.003	<0.003
6/7/2017					0.0003 (J)				
6/8/2017				<0.003 (*)					
6/9/2017	<0.003		<0.003						
6/12/2017		<0.003				<0.003			
7/17/2017				0.005 (D)					
7/27/2017				0.0033					
8/9/2017				0.0012 (J)					
9/25/2017								<0.003	0.0035
9/26/2017					<0.003		<0.003		
9/29/2017				0.0013 (JD)					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
10/2/2017	0.0014 (J)	<0.003	0.0045						
10/4/2017						0.0009 (J)			
3/14/2018					<0.003		<0.003	<0.003	<0.003
3/16/2018	0.0014 (J)		0.021 (O)	0.0078					
3/19/2018		<0.003				0.0019 (J)			
9/12/2018					<0.003		<0.003	<0.003	0.003
9/14/2018		<0.003	0.0054	0.0056					
9/17/2018	0.00105 (JD)					0.0011 (J)			
3/13/2019							<0.003		
3/14/2019				0.014 (O)				<0.003	<0.003
3/15/2019					<0.003				
3/19/2019			0.0019 (J)						
3/20/2019	<0.003	<0.003				0.0019 (J)			
9/9/2019					0.00079 (J)		<0.003		
9/10/2019								<0.003 (D)	0.0029 (J)
9/12/2019	0.0037	<0.003 (D)							
9/13/2019			0.0044			0.0013 (J)			
3/6/2020								<0.003	
3/9/2020				0.0013 (J)	0.0011 (J)		<0.003		0.0037
3/11/2020	0.00079 (J)	<0.003	0.002 (J)			0.0045			
9/10/2020					0.0003 (J)			<0.003	0.0019 (J)
9/11/2020							<0.003		
9/15/2020	0.0061	<0.003	0.0037						
9/16/2020				0.0028 (J)					
3/10/2021							<0.003		0.00037 (J)
3/11/2021								0.00038 (J)	
3/12/2021					0.0039				
3/16/2021	0.0014 (J)		0.005	0.00041 (J)					
3/17/2021		<0.003							
3/29/2021						<0.003			
8/4/2021					0.00083 (J)		<0.003	<0.003	<0.003
8/6/2021				<0.003					
8/9/2021	0.0027 (J)	<0.003	0.0033			<0.003			
1/31/2022					<0.003		0.0014 (J)	<0.003	0.0011 (J)
2/1/2022	0.0028 (J)	<0.003	0.0029 (J)						
2/2/2022				<0.003		<0.003			
8/10/2022					<0.003				
8/11/2022								<0.003	<0.003
8/12/2022							<0.003		
8/16/2022	0.0084	<0.003	0.002 (J)	0.001 (J)		<0.003			
2/13/2023					0.00087 (J)		<0.003	<0.003	0.0045
2/14/2023				0.0019 (J)					
2/16/2023	0.016	<0.003	0.0048						
2/17/2023						<0.003			
7/25/2023				<0.003				0.0029 (J)	0.0021 (J)
7/26/2023					0.0028 (J)		<0.003		
7/27/2023	0.011	<0.003	0.0095						
8/1/2023						<0.003			
2/19/2024				0.0016 (J)	0.00081 (J)		<0.003	<0.003	<0.003
2/20/2024									
2/22/2024	0.0014 (J)	<0.003				<0.003			
2/26/2024			0.0019 (J)						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/1/2024				0.00097 (J)	<0.003		<0.003	<0.003	0.00085 (J)
8/6/2024			0.0021 (J)						
8/7/2024	0.0028 (J)	<0.003							
8/8/2024						<0.003			
2/25/2025					<0.003		<0.003	<0.003	0.0089
2/26/2025				0.0022 (J)		<0.003			
2/27/2025	0.00062 (J)	<0.003	0.0042						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/23/2007	
10/23/2007	
10/24/2007	
11/2/2007	
11/18/2007	
1/30/2008	
1/31/2008	
3/10/2008	
3/11/2008	
5/6/2008	
5/13/2008	
5/14/2008	
12/4/2008	
12/5/2008	
4/15/2009	
4/21/2009	
10/7/2009	
10/8/2009	
4/21/2010	
4/26/2010	
4/28/2010	
5/3/2010	
9/28/2010	
10/4/2010	
10/6/2010	
10/12/2010	
4/12/2011	
4/13/2011	
4/21/2011	
4/27/2011	
10/4/2011	
10/5/2011	
10/13/2011	
10/17/2011	
4/3/2012	
4/11/2012	
5/1/2012	
5/2/2012	
10/8/2012	
10/9/2012	
4/11/2013	
4/12/2013	
4/15/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/11/2014	
4/22/2014	
4/23/2014	
9/30/2014	
10/4/2014	
3/30/2015	

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/31/2015	
10/12/2015	
10/13/2015	
3/11/2016	<0.003
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	<0.003
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	0.002 (J)
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	<0.003
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	<0.003
11/9/2016	
11/10/2016	
1/17/2017	<0.003
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	<0.003
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	<0.003
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/27/2017	
8/9/2017	
9/25/2017	
9/26/2017	<0.003
9/29/2017	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
10/2/2017	
10/4/2017	
3/14/2018	<0.003
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	<0.003
9/17/2018	
3/13/2019	
3/14/2019	<0.003
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	<0.003
9/12/2019	
9/13/2019	
3/6/2020	<0.003
3/9/2020	
3/11/2020	
9/10/2020	<0.003
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	<0.003
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	<0.003
8/6/2021	
8/9/2021	
1/31/2022	<0.003
2/1/2022	
2/2/2022	
8/10/2022	<0.003
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	<0.003
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	<0.003
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	<0.003
2/22/2024	
2/26/2024	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/1/2024	<0.003
8/6/2024	
8/7/2024	
8/8/2024	
2/25/2025	<0.003
2/26/2025	
2/27/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
12/12/2008				<0.003	<0.003				
4/23/2009				<0.003	<0.003				
10/6/2009				<0.003	<0.003				
4/27/2010				<0.003					
5/3/2010					<0.003				
9/30/2010				<0.003					
10/11/2010					<0.003				
4/14/2011				<0.003					
4/27/2011					<0.003				
10/5/2011				<0.003					
10/19/2011					<0.003				
4/11/2012				<0.003					
5/1/2012					<0.003				
10/2/2012				<0.003	<0.003				
4/9/2013				<0.003					
4/10/2013					<0.003				
10/15/2013				<0.003					
10/16/2013					<0.003				
4/10/2014				<0.003					
4/22/2014					<0.003				
10/1/2014				<0.003	<0.003				
3/30/2015				<0.003	<0.003				
5/8/2015						<0.003	<0.003		<0.003
5/9/2015								<0.003	
5/17/2015						<0.003	<0.003		<0.003
5/18/2015								<0.003	
5/25/2015						<0.003	<0.003	<0.003	<0.003
6/8/2015						<0.003	<0.003	<0.003	<0.003
6/9/2015									
6/17/2015								<0.003	
6/18/2015						<0.003	<0.003		<0.003
6/24/2015						<0.003	<0.003	<0.003	<0.003
6/25/2015									
6/30/2015						<0.003	<0.003	<0.003	<0.003
7/1/2015									
7/6/2015						<0.003	<0.003	<0.003	<0.003
7/7/2015									
8/12/2015						<0.003	<0.003	<0.003	<0.003
10/11/2015				<0.003	<0.003				
2/29/2016							<0.003		
3/2/2016								0.000782 (J)	0.00106 (J)
3/11/2016	<0.003	<0.003							
3/28/2016				0.00139 (J)	<0.003				
5/3/2016								<0.003	0.00171 (J)
5/4/2016						0.00254 (J)	<0.003		
5/13/2016	<0.003	<0.003							
5/23/2016				0.000677 (J)					
5/25/2016					<0.003				
7/7/2016						0.0033 (D)			
7/8/2016							<0.003	<0.003	
7/11/2016									<0.003
7/19/2016	<0.003 (*)	<0.003							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
8/1/2016				<0.003	<0.003				
9/7/2016									0.0013 (J)
9/8/2016						0.0046 (O)	<0.003	0.0009 (J)	
9/16/2016	<0.003	<0.003							
9/26/2016				<0.003	<0.003				
10/26/2016						0.001 (J)	<0.003	0.0012 (J)	
10/27/2016									0.0011 (J)
11/2/2016	<0.003	<0.003							
11/10/2016				<0.003					
11/11/2016					<0.003				
1/6/2017						0.0011 (J)	<0.003		0.0013 (J)
1/9/2017								<0.003	
1/18/2017	<0.003	0.0013 (J)							
1/30/2017				<0.003	<0.003				
2/22/2017			0.0018 (J)						
3/15/2017						0.0006 (J)	<0.003		
3/16/2017								<0.003	0.0029 (J)
3/28/2017	<0.003	<0.003							
4/3/2017					<0.003				
4/7/2017			0.0008 (J)	<0.003					
5/17/2017							<0.003		
5/18/2017						0.0009 (J)			
5/19/2017								0.0005 (J)	<0.003
6/6/2017	<0.003	0.0007 (J)							
6/12/2017				<0.003	<0.003				
6/14/2017			0.00205 (JD)						
7/12/2017			0.0015 (JD)						
7/19/2017						<0.003			
7/20/2017			<0.003 (D)						
7/28/2017			<0.003						
8/9/2017			<0.003						
8/24/2017			0.0007 (J)						
9/15/2017							<0.003		
9/19/2017						<0.003		<0.003	<0.003
9/22/2017	<0.003	0.0012 (J)							
10/2/2017				<0.003	<0.003				
10/3/2017			<0.003 (D)						
3/13/2018						<0.003	<0.003	<0.003	0.0034
3/14/2018	<0.003								
3/15/2018		<0.003							
3/16/2018				<0.003	<0.003				
3/21/2018			<0.003						
9/6/2018							<0.003		
9/7/2018						<0.003			
9/11/2018								<0.003	0.0033
9/12/2018	<0.003	<0.003							
9/17/2018				<0.003					
9/18/2018			<0.003		<0.003				
3/7/2019							<0.003		
3/8/2019						<0.003		<0.003	
3/12/2019									0.002 (J)
3/13/2019	<0.003	<0.003							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/19/2019				<0.003	<0.003				
3/21/2019			<0.003 (D)						
9/4/2019						0.0006 (J)	<0.003		
9/5/2019								0.00035 (J)	0.00035 (J)
9/11/2019	<0.003	0.00029 (J)							
9/12/2019			0.00052 (JD)		<0.003				
9/13/2019				<0.003					
3/2/2020							<0.003		
3/3/2020						<0.003			
3/4/2020								0.0019 (J)	0.00053 (J)
3/9/2020	0.00062 (J)	0.00037 (J)							
3/11/2020				0.0005 (J)	<0.003				
3/12/2020			0.0017 (J)						
9/3/2020							<0.003		
9/8/2020								0.0017 (J)	0.00078 (J)
9/9/2020						0.00035 (J)			
9/11/2020	<0.003								
9/14/2020		<0.003							
9/15/2020					0.00048 (J)				
9/16/2020				<0.003					
9/17/2020			0.00087 (J)						
2/24/2021							<0.003		
2/25/2021						0.00061 (J)			
2/26/2021								<0.003	0.0006 (J)
3/11/2021	<0.003	0.00074 (J)							
3/16/2021			0.00082 (J)						
3/17/2021				<0.003	<0.003				
7/27/2021							0.0028 (J)		
7/28/2021						0.00082 (J)			
7/29/2021								0.00096 (J)	0.00096 (J)
8/5/2021		<0.003							
8/6/2021	<0.003								
8/9/2021				<0.003	<0.003				
8/10/2021			0.0013 (J)						
1/25/2022							<0.003		
1/26/2022						<0.003		<0.003	<0.003
1/31/2022	<0.003	<0.003							
2/1/2022				0.0015 (J)					
2/2/2022					<0.003				
2/3/2022			<0.003						
8/5/2022							<0.003		
8/8/2022								<0.003	<0.003
8/9/2022						<0.003			
8/10/2022		<0.003							
8/11/2022	<0.003								
8/16/2022				<0.003					
8/17/2022			<0.003		<0.003				
2/13/2023		<0.003							
2/14/2023	<0.003								
2/16/2023				<0.003	<0.003				
2/17/2023			<0.003						
7/25/2023	<0.003	<0.003							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
7/28/2023			<0.003	<0.003	<0.003				
2/20/2024	<0.003	0.0015 (J)							
2/22/2024				<0.003	<0.003				
2/27/2024			<0.003						
8/2/2024	<0.003	0.00086 (J)							
8/8/2024			<0.003	<0.003	<0.003				
2/25/2025	<0.003	<0.003							
2/27/2025				<0.003					
2/28/2025			<0.003		<0.003				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
12/12/2008	
4/23/2009	
10/6/2009	
4/27/2010	
5/3/2010	
9/30/2010	
10/11/2010	
4/14/2011	
4/27/2011	
10/5/2011	
10/19/2011	
4/11/2012	
5/1/2012	
10/2/2012	
4/9/2013	
4/10/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/22/2014	
10/1/2014	
3/30/2015	
5/8/2015	
5/9/2015	<0.003
5/17/2015	
5/18/2015	<0.003
5/25/2015	<0.003
6/8/2015	
6/9/2015	<0.003
6/17/2015	<0.003
6/18/2015	
6/24/2015	
6/25/2015	<0.003
6/30/2015	
7/1/2015	<0.003
7/6/2015	
7/7/2015	<0.003
8/12/2015	<0.003
10/11/2015	
2/29/2016	
3/2/2016	<0.003
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	<0.003
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	<0.003
7/11/2016	
7/19/2016	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
8/1/2016	
9/7/2016	
9/8/2016	0.0019 (J)
9/16/2016	
9/26/2016	
10/26/2016	<0.003
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	<0.003
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	<0.003
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
5/17/2017	
5/18/2017	<0.003
5/19/2017	
6/6/2017	
6/12/2017	
6/14/2017	
7/12/2017	
7/19/2017	
7/20/2017	
7/28/2017	
8/9/2017	
8/24/2017	
9/15/2017	<0.003
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	<0.003
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	0.001 (J)
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<0.003
3/8/2019	
3/12/2019	
3/13/2019	

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	<0.003
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	0.0011 (J)
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	<0.003
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	<0.003
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	0.00086 (J)
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	<0.003
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	
8/5/2022	<0.003
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014				<0.0083					
9/17/2014					<0.003	<0.003	<0.003	<0.003	
9/18/2014									<0.003
10/4/2014				<0.0083	<0.003	<0.003	<0.003	<0.003	
10/5/2014									<0.003
10/21/2014				<0.0083	<0.003	<0.003	<0.003	<0.003	
10/22/2014									<0.003
11/5/2014						<0.003		<0.003	<0.003
11/11/2014				<0.0083	<0.003		<0.003		
3/3/2015				<0.0083	<0.003	<0.003	<0.003	<0.003	
3/4/2015									<0.003
3/18/2015				<0.0083	<0.003	<0.003	<0.003		
3/19/2015								<0.003	<0.003
4/6/2015				<0.0083	<0.003				
4/7/2015						<0.003	<0.003	<0.003	<0.003
4/8/2015									
4/23/2015				<0.0083	<0.003	<0.003	<0.003		
4/24/2015								<0.003	<0.003
5/9/2015	<0.003	<0.003	<0.003						
5/18/2015	<0.003	<0.003							
5/19/2015			<0.003						
5/26/2015	<0.003	<0.003	<0.003						
6/9/2015	<0.003	<0.003	<0.003						
6/17/2015	<0.003	<0.003	<0.003						
6/25/2015	<0.003	<0.003	<0.003						
7/1/2015	<0.003	<0.003	<0.003						
7/7/2015	<0.003	<0.003	<0.003						
7/29/2015				<0.0083	<0.003	<0.003	<0.003	<0.003	
7/30/2015									<0.003
8/13/2015	<0.003	<0.003	<0.003						
3/2/2016	0.000608 (J)								
3/3/2016		<0.003	<0.003	0.00472 (D)					
3/4/2016					<0.003				
3/7/2016						0.003	<0.003	<0.003	
3/8/2016									<0.003
5/3/2016	<0.003	<0.003							
5/5/2016						<0.003	0.000672 (J)		
5/9/2016			<0.003					<0.003	<0.003
5/10/2016				0.0047	0.000641 (J)				
7/11/2016	<0.003	<0.003	<0.003						
7/13/2016				<0.0083		<0.003	<0.003		
7/14/2016					<0.003			<0.003	<0.003
7/15/2016									
9/9/2016	<0.003	0.0009 (J)	<0.003						
9/12/2016							<0.003	<0.003	<0.003
9/13/2016						<0.003			
9/14/2016					0.0012 (J)				
9/15/2016				0.0013 (J)					
10/26/2016	<0.003		<0.003						
10/27/2016		<0.003							
10/31/2016						<0.003		<0.003	<0.003
11/1/2016					<0.003		<0.003		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
11/2/2016				0.0021 (J)					
1/9/2017	<0.003	0.0023 (J)	0.0012 (J)						
1/11/2017				0.0086	<0.003		<0.003	<0.003	
1/12/2017						<0.003			<0.003
3/15/2017			<0.003						
3/16/2017	<0.003	0.0007 (J)							
3/20/2017				0.0187			0.0005 (J)		
3/21/2017					<0.003			<0.003	
3/22/2017									<0.003
3/23/2017						<0.003			
5/18/2017	<0.003	0.0012 (J)	<0.003						
5/22/2017							<0.003	<0.003	<0.003
5/23/2017				0.0097	<0.003	<0.003			
9/15/2017	<0.003		<0.003						
9/18/2017		<0.003							
9/19/2017									<0.003
9/20/2017								<0.003	
9/21/2017				0.0078			0.0008 (J)		
9/22/2017					<0.003				
9/25/2017						<0.003			
3/12/2018	<0.003	<0.003							
3/13/2018			<0.003						
3/14/2018				0.015	<0.003	<0.003	<0.003	<0.003	<0.003
9/7/2018	<0.003	<0.003	<0.003	0.0026 (J)			<0.003		
9/10/2018								<0.003	<0.003
9/11/2018					<0.003	<0.003			
3/7/2019		<0.003	<0.003						
3/8/2019	<0.003								
3/11/2019				0.02					
3/12/2019					<0.003	<0.003	0.00091 (J)	<0.003	<0.003
9/4/2019			<0.003						
9/5/2019	<0.003	<0.003							
9/6/2019							0.00028 (J)		0.001755 (JD)
9/9/2019				0.011		<0.003		<0.003	
9/10/2019					<0.003				
3/3/2020	<0.003								
3/4/2020		<0.003	<0.003	0.019				<0.003	
3/5/2020					<0.003		0.00068 (J)		<0.003
3/6/2020						0.00049 (J)			
9/4/2020	0.00065 (J)	<0.003	<0.003						<0.003
9/8/2020									
9/9/2020				0.015	<0.003	<0.003	<0.003	<0.003	
2/25/2021	<0.003	<0.003	<0.003						
2/26/2021						<0.003	0.00059 (J)	<0.003	
3/9/2021				0.018					<0.003
3/10/2021					<0.003				
7/28/2021	<0.003	<0.003	<0.003						
7/29/2021						<0.003	0.0024 (J)		
7/30/2021				0.019	<0.003				
8/2/2021									<0.003
8/5/2021								<0.003	
1/26/2022	<0.003		<0.003						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
1/27/2022		<0.003					<0.003	<0.003	<0.003
1/28/2022				0.027	<0.003	<0.003			
8/5/2022			<0.003						
8/8/2022	<0.003	<0.003							
8/9/2022								<0.003	<0.003
8/10/2022						<0.003	<0.003		
8/11/2022				0.0099	<0.003				
2/9/2023						<0.003	<0.003	<0.003	
2/10/2023				0.02	<0.003				<0.003
8/3/2023					0.0033	<0.003			<0.003
8/4/2023				0.012			<0.003	<0.003	
2/14/2024						<0.003	<0.003	<0.003	
2/15/2024				0.022	0.00063 (J)				<0.003
7/31/2024				0.0053	<0.003	<0.003	<0.003	0.00091 (J)	
8/1/2024									<0.003
8/2/2024									
2/19/2025							<0.003		
2/20/2025						<0.003		<0.003	<0.003
2/25/2025				0.013	<0.003				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/16/2014	
9/17/2014	
9/18/2014	<0.0056
10/4/2014	
10/5/2014	<0.0056
10/21/2014	
10/22/2014	<0.0056
11/5/2014	<0.0056
11/11/2014	
3/3/2015	
3/4/2015	<0.0056
3/18/2015	
3/19/2015	<0.0056
4/6/2015	
4/7/2015	
4/8/2015	<0.0056
4/23/2015	
4/24/2015	<0.0056
5/9/2015	
5/18/2015	
5/19/2015	
5/26/2015	
6/9/2015	
6/17/2015	
6/25/2015	
7/1/2015	
7/7/2015	
7/29/2015	
7/30/2015	<0.0056
8/13/2015	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	0.00318
5/3/2016	
5/5/2016	
5/9/2016	0.00454
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	<0.0056
9/9/2016	0.0033
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	
10/26/2016	
10/27/2016	0.0046
10/31/2016	
11/1/2016	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	0.0064
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	0.0058
3/22/2017	
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	0.0023 (J)
9/15/2017	
9/18/2017	
9/19/2017	0.0018 (J)
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
3/12/2018	
3/13/2018	
3/14/2018	0.0063
9/7/2018	
9/10/2018	0.0033
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	0.0029 (J)
3/12/2019	
9/4/2019	
9/5/2019	
9/6/2019	0.01
9/9/2019	
9/10/2019	
3/3/2020	0.0019 (J)
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	0.0041
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	0.0024 (J)
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	0.0048
8/5/2021	
1/26/2022	

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
1/27/2022	
1/28/2022	0.0061
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	0.0081 (J)
8/11/2022	
2/9/2023	0.0064
2/10/2023	
8/3/2023	
8/4/2023	0.003
2/14/2024	
2/15/2024	0.0017 (J)
7/31/2024	
8/1/2024	
8/2/2024	0.005
2/19/2025	
2/20/2025	
2/25/2025	0.00093 (J)

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/15/2014						<0.003		
9/16/2014			<0.003	<0.003			<0.003	<0.003
9/18/2014	<0.003	<0.003						
10/3/2014						<0.003	<0.003	<0.003
10/4/2014			<0.003	<0.003				
10/5/2014	<0.003	<0.003						
10/20/2014						<0.003	<0.003	<0.003
10/22/2014	<0.003	<0.003						
10/23/2014			<0.003	<0.003				
11/5/2014	<0.003	<0.003						
11/10/2014			<0.003	<0.003		<0.003	<0.003	<0.003
3/2/2015						<0.003	<0.003	<0.003
3/4/2015	<0.003	<0.003	<0.003	<0.003				
3/17/2015						<0.003	<0.003	<0.003
3/19/2015	<0.003							
3/20/2015		<0.003	<0.003	<0.003				
4/5/2015						<0.003	<0.003	
4/6/2015								<0.003
4/8/2015	<0.003	<0.003	<0.003					
4/9/2015				<0.003				
4/21/2015						<0.003		
4/22/2015							<0.003	<0.003
4/23/2015		<0.003	<0.003	<0.003				
4/24/2015	<0.003							
7/28/2015						<0.003	<0.003	<0.003
7/30/2015	<0.003	<0.003	<0.003	<0.003				
3/1/2016						<0.003	0.00214 (J)	
3/2/2016								<0.003
3/4/2016			0.0271 (JO)					
3/7/2016	<0.003							
3/8/2016				0.0226 (O)				
3/9/2016		0.003						
5/2/2016						<0.003		
5/3/2016							0.00178 (J)	<0.003
5/4/2016				0.00107 (J)				
5/5/2016	<0.003		0.000761 (J)					
5/6/2016		0.000666 (J)						
7/6/2016						<0.003		
7/7/2016								<0.003
7/8/2016							0.0023 (J)	
7/12/2016			0.0094 (O)					
7/14/2016	<0.003							
7/15/2016		<0.003						
7/18/2016				0.0004 (J)				
9/7/2016						<0.003	0.0039	
9/8/2016								<0.003
9/12/2016	<0.003							
9/13/2016			0.0072 (O)	0.0028 (J)				
9/14/2016		0.0022 (J)						
10/25/2016						<0.003	0.0035	<0.003
10/27/2016	<0.003		0.005	0.0011 (J)				
11/1/2016		<0.003						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/5/2017						<0.003		
1/6/2017							0.0052	
1/13/2017	<0.003		0.0012 (J)	<0.003				
1/25/2017		<0.003						
2/9/2017								<0.003
3/14/2017						<0.003	0.003	
3/16/2017				0.0009 (J)				
3/20/2017	<0.003		0.0014 (J)					
3/22/2017		0.0006 (J)						
3/23/2017								<0.003
5/16/2017						<0.003	0.0026 (J)	
5/17/2017								<0.003
5/19/2017			0.0006 (J)	<0.003				
5/23/2017	<0.003							
5/24/2017		<0.003						
9/15/2017						<0.003	0.0016 (J)	
9/19/2017	<0.003		<0.003	<0.003				<0.003
9/21/2017		<0.003						
3/12/2018						<0.003	0.0023 (J)	
3/13/2018	<0.003		0.0016 (J)	0.00093 (J)				<0.003
3/14/2018		<0.003						
9/6/2018						<0.003	0.0024 (J)	<0.003
9/7/2018	<0.003							
9/11/2018		<0.003	<0.003	<0.003				
3/6/2019							0.0019 (J)	
3/7/2019						<0.003		<0.003
3/8/2019			<0.003	<0.003				
3/11/2019	<0.003							
3/12/2019		<0.003						
9/4/2019						<0.003	0.0029 (J)	<0.003
9/5/2019	<0.003		0.00031 (JD)	<0.003				
9/6/2019		0.00029 (J)						
3/2/2020						<0.003	0.0018 (J)	<0.003
3/3/2020	<0.003		<0.003	<0.003				
3/5/2020		<0.003						
9/3/2020							0.0012 (J)	<0.003
9/4/2020				0.0013 (J)				
9/8/2020	<0.003							
9/9/2020		<0.003	0.00094 (J)					
9/14/2020						<0.003		
2/24/2021							0.0012 (J)	<0.003
3/9/2021	<0.003		0.00035 (J)	<0.003				
3/10/2021		<0.003						
3/26/2021						0.00092 (J)		
7/27/2021						<0.003		
7/28/2021							0.0016 (J)	<0.003
7/29/2021			0.0011 (J)					
7/30/2021		<0.003						
8/2/2021	<0.003			<0.003				
1/25/2022								<0.003
1/26/2022						<0.003	<0.003	
1/27/2022	<0.003			<0.003				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/28/2022		<0.003	<0.003					
4/6/2022					<0.003			
8/5/2022								<0.003
8/8/2022					<0.003	0.0015 (J)	0.0018 (J)	
8/9/2022			<0.003	<0.003				
8/10/2022	<0.003							
8/11/2022		<0.003						
2/8/2023					<0.003	<0.003	0.0013 (J)	<0.003
2/9/2023	<0.003		<0.003	<0.003				
2/10/2023		<0.003						
8/2/2023					<0.003		0.0018 (J)	<0.003
8/3/2023	<0.003	<0.003	<0.003	<0.003		<0.003		
2/13/2024					<0.003	<0.003	<0.003	<0.003
2/15/2024	<0.003		<0.003					
2/16/2024		0.00083 (J)		0.00087 (J)				
7/30/2024					<0.003	<0.003	<0.003	<0.003
7/31/2024	<0.003	<0.003	<0.003	0.00072 (J)				
2/19/2025					<0.003	<0.003	<0.003	<0.003
2/20/2025	0.001 (J)							
2/24/2025			0.0013 (J)					
2/25/2025		<0.003		<0.003				

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/23/2007	<0.005	<0.005	<0.005			<0.005			
10/23/2007	<0.005								
10/24/2007		<0.005	<0.005						
11/2/2007						<0.005			
11/18/2007	<0.005	<0.005	<0.005			<0.005			
1/30/2008	<0.005								
1/31/2008		<0.005	0.005			<0.005			
3/10/2008	<0.005		<0.005						
3/11/2008		<0.005				<0.005			
5/6/2008		<0.005							
5/13/2008	<0.005		<0.005						
5/14/2008						<0.005			
12/4/2008		0.012 (O)	<0.005						
12/5/2008	<0.005					<0.005			
4/15/2009	<0.005					<0.005			
4/21/2009		<0.005	<0.005						
10/7/2009	<0.005	<0.005							
10/8/2009			<0.005			<0.005			
4/21/2010			<0.005						
4/26/2010		<0.005							
4/28/2010						<0.005			
5/3/2010	<0.005								
9/28/2010			<0.005						
10/4/2010		<0.005							
10/6/2010						<0.005			
10/12/2010	<0.005								
4/12/2011			<0.005						
4/13/2011		<0.005							
4/21/2011						<0.005			
4/27/2011	<0.005								
10/4/2011			<0.005						
10/5/2011		<0.005							
10/13/2011						<0.005			
10/17/2011	<0.005								
4/3/2012			<0.005						
4/11/2012		<0.005							
5/1/2012						<0.005			
5/2/2012	<0.005								
10/8/2012	<0.005								
10/9/2012		<0.005	<0.005			<0.005			
4/11/2013			<0.005			<0.005			
4/12/2013	<0.005								
4/15/2013		<0.005							
10/15/2013		<0.005							
10/16/2013	<0.005		0.0056			<0.005			
4/10/2014			<0.005						
4/11/2014	<0.005								
4/22/2014		<0.005							
4/23/2014						<0.005			
9/30/2014	<0.005	<0.005	<0.005						
10/4/2014						<0.005			
3/30/2015	<0.005	<0.005	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/31/2015						<0.005			
10/12/2015						<0.005			
10/13/2015	<0.005	<0.005	<0.005						
3/11/2016									
3/14/2016					<0.005				
3/15/2016							<0.005	<0.005	<0.005
3/22/2016	<0.005								
3/23/2016		<0.005	<0.005			<0.005			
5/11/2016					<0.005		<0.005		
5/12/2016								<0.005	
5/13/2016									<0.005
5/16/2016				<0.005 (D)					
5/19/2016	<0.005		<0.005						
5/20/2016		<0.005							
5/23/2016						<0.005			
7/19/2016					<0.005				
7/20/2016								<0.005	
7/21/2016							<0.005		0.0012 (J)
7/22/2016									
7/27/2016				0.0011 (JD)					
7/29/2016	<0.005	<0.005	0.0008 (J)			<0.005			
9/15/2016					<0.005		<0.005	<0.005	
9/19/2016									
9/21/2016									<0.005
9/22/2016			<0.005			<0.005			
9/23/2016	<0.005	<0.005							
11/2/2016					<0.005				
11/3/2016							<0.005	<0.005	<0.005
11/9/2016	<0.005	<0.005							
11/10/2016			<0.005			<0.005			
1/17/2017							<0.005		<0.005
1/18/2017					<0.005			<0.005	
1/30/2017	<0.005								
1/31/2017		<0.005	<0.005			<0.005			
2/21/2017				<0.005					
3/24/2017							<0.005	<0.005	
3/27/2017				0.0007 (JD)					0.0008 (J)
3/28/2017					0.0007 (J)				
3/30/2017	<0.005	<0.005				<0.005			
4/3/2017			0.0007 (J)						
5/24/2017							<0.005		
6/6/2017								<0.005 (*)	<0.005 (*)
6/7/2017					<0.005				
6/8/2017				0.0007 (JD)					
6/9/2017	0.0005 (J)		0.0006 (J)						
6/12/2017		<0.005				<0.005			
7/17/2017				0.0005 (JD)					
7/27/2017				<0.005					
8/9/2017				0.0008 (J)					
9/25/2017								<0.005	0.001 (J)
9/26/2017					<0.005		0.0005 (J)		
9/29/2017				<0.005 (D)					

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
10/2/2017	<0.005	<0.005	0.0005 (J)						
10/4/2017						<0.005			
3/14/2018					<0.005		<0.005	<0.005	<0.005
3/16/2018	0.00085 (J)		0.001 (J)	<0.005					
3/19/2018		<0.005				<0.005			
9/12/2018					<0.005		<0.005	<0.005	<0.005
9/14/2018		<0.005	<0.005	<0.005					
9/17/2018	<0.005 (D)					<0.005			
3/13/2019							<0.005		
3/14/2019				<0.005				<0.005	<0.005
3/15/2019					<0.005				
3/19/2019			<0.005						
3/20/2019	<0.005	<0.005				<0.005			
9/9/2019					0.00043 (J)		0.00068 (J)		
9/10/2019								<0.005 (D)	<0.005
9/12/2019	0.0004 (J)	<0.005 (D)							
9/13/2019			0.00051 (J)			<0.005			
3/6/2020								<0.005	
3/9/2020				0.00083 (J)	<0.005		<0.005		<0.005
3/11/2020	0.00088 (J)	<0.005	0.00044 (J)			<0.005			
9/10/2020					<0.005			<0.005	<0.005
9/11/2020							<0.005		
9/15/2020	<0.005	<0.005	0.00081 (J)						
9/16/2020				<0.005					
3/10/2021							<0.005		<0.005
3/11/2021								<0.005	
3/12/2021					<0.005				
3/16/2021	<0.005		<0.005	<0.005					
3/17/2021		<0.005							
3/29/2021						0.001 (J)			
8/4/2021					<0.005		<0.005	<0.005	<0.005
8/6/2021				<0.005					
8/9/2021	<0.005	<0.005	0.0031 (J)			<0.005			
1/31/2022					0.0021 (J)		<0.005	<0.005	<0.005
2/1/2022	<0.005	0.0019 (J)	0.0053						
2/2/2022				<0.005		<0.005			
8/10/2022					<0.005				
8/11/2022								<0.005	<0.005
8/12/2022							<0.005		
8/16/2022	<0.005	<0.005	0.0033 (J)	<0.005		<0.005			
2/13/2023					<0.005		<0.005	<0.005	<0.005
2/14/2023				<0.005					
2/16/2023	<0.005	<0.005	<0.005						
2/17/2023						<0.005			
7/25/2023				<0.005				<0.005	<0.005
7/26/2023					<0.005		<0.005		
7/27/2023	<0.005	<0.005	<0.005						
8/1/2023						<0.005			
2/19/2024				<0.005	<0.005		<0.005	<0.005	<0.005
2/20/2024									
2/22/2024	<0.005	<0.005				<0.005			
2/26/2024			<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/1/2024				0.0018 (J)	0.0011 (J)		0.0011 (J)	0.00092 (J)	0.0015 (J)
8/6/2024			<0.005						
8/7/2024	<0.005	<0.005							
8/8/2024						<0.005			
2/25/2025					<0.005		<0.005	<0.005	<0.005
2/26/2025				<0.005		<0.005			
2/27/2025	<0.005	<0.005	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/23/2007	
10/23/2007	
10/24/2007	
11/2/2007	
11/18/2007	
1/30/2008	
1/31/2008	
3/10/2008	
3/11/2008	
5/6/2008	
5/13/2008	
5/14/2008	
12/4/2008	
12/5/2008	
4/15/2009	
4/21/2009	
10/7/2009	
10/8/2009	
4/21/2010	
4/26/2010	
4/28/2010	
5/3/2010	
9/28/2010	
10/4/2010	
10/6/2010	
10/12/2010	
4/12/2011	
4/13/2011	
4/21/2011	
4/27/2011	
10/4/2011	
10/5/2011	
10/13/2011	
10/17/2011	
4/3/2012	
4/11/2012	
5/1/2012	
5/2/2012	
10/8/2012	
10/9/2012	
4/11/2013	
4/12/2013	
4/15/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/11/2014	
4/22/2014	
4/23/2014	
9/30/2014	
10/4/2014	
3/30/2015	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/31/2015	
10/12/2015	
10/13/2015	
3/11/2016	<0.005
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	<0.005
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	<0.005
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	<0.005
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	<0.005
11/9/2016	
11/10/2016	
1/17/2017	<0.005
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	<0.005
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	<0.005 (*)
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/27/2017	
8/9/2017	
9/25/2017	
9/26/2017	<0.005
9/29/2017	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
10/2/2017	
10/4/2017	
3/14/2018	<0.005
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	<0.005
9/17/2018	
3/13/2019	
3/14/2019	<0.005
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	<0.005
9/12/2019	
9/13/2019	
3/6/2020	<0.005
3/9/2020	
3/11/2020	
9/10/2020	<0.005
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	<0.005
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	<0.005
8/6/2021	
8/9/2021	
1/31/2022	<0.005
2/1/2022	
2/2/2022	
8/10/2022	<0.005
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	<0.005
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	<0.005
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	0.001 (J)
2/22/2024	
2/26/2024	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/1/2024	<0.005
8/6/2024	
8/7/2024	
8/8/2024	
2/25/2025	<0.005
2/26/2025	
2/27/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
12/12/2008				<0.005	<0.005				
4/23/2009				<0.005	<0.005				
10/6/2009				<0.005	<0.005				
4/27/2010				<0.005					
5/3/2010					0.012 (O)				
9/30/2010				<0.005					
10/11/2010					<0.005				
4/14/2011				<0.005					
4/27/2011					<0.005				
10/5/2011				<0.005					
10/19/2011					<0.005				
4/11/2012				<0.005					
5/1/2012					<0.005				
10/2/2012				<0.005	<0.005				
4/9/2013				<0.005					
4/10/2013					<0.005				
10/15/2013				<0.005					
10/16/2013					<0.005				
4/10/2014				<0.005					
4/22/2014					<0.005				
10/1/2014				<0.005	<0.005				
3/30/2015				<0.005	<0.005				
5/8/2015						<0.005	<0.005		<0.005
5/9/2015								<0.005	
5/17/2015						0.0021 (J)	<0.005		<0.005
5/18/2015								<0.005	
5/25/2015						<0.005	<0.005	<0.005	<0.005
6/8/2015						0.002 (J)	<0.005	<0.005	<0.005
6/9/2015									
6/17/2015								<0.005	
6/18/2015						0.0028 (J)	<0.005		<0.005
6/24/2015						0.0074	<0.005	<0.005	<0.005
6/25/2015									
6/30/2015						0.0065	<0.005	<0.005	<0.005
7/1/2015									
7/6/2015						0.0057	<0.005	<0.005	<0.005
7/7/2015									
8/12/2015						0.0162 (O)	<0.005	<0.005	<0.005
10/11/2015				<0.005	<0.005				
2/29/2016							<0.005		
3/2/2016								<0.005	<0.005
3/11/2016	<0.005	<0.005							
3/28/2016				<0.005	<0.005				
5/3/2016								<0.005	<0.005
5/4/2016						<0.005	<0.005		
5/13/2016	<0.005	<0.005							
5/23/2016				<0.005					
5/25/2016					<0.005				
7/7/2016						0.0009 (J)			
7/8/2016							<0.005	<0.005	
7/11/2016									<0.005
7/19/2016	<0.005	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
8/1/2016				<0.005	<0.005				
9/7/2016									<0.005
9/8/2016						<0.005	<0.005	<0.005	
9/16/2016	<0.005	<0.005							
9/26/2016				<0.005	<0.005				
10/26/2016						<0.005	<0.005	<0.005	
10/27/2016									<0.005
11/2/2016	<0.005	<0.005							
11/10/2016				<0.005					
11/11/2016					<0.005				
1/6/2017						<0.005	<0.005		<0.005
1/9/2017								<0.005	
1/18/2017	<0.005	<0.005							
1/30/2017				<0.005	<0.005				
2/22/2017			0.0019 (J)						
3/15/2017						0.0006 (J)	<0.005		
3/16/2017								0.0005 (J)	0.0005 (J)
3/28/2017	<0.005	0.0005 (J)							
4/3/2017					<0.005				
4/7/2017			0.0008 (J)	<0.005					
5/17/2017							<0.005		
5/18/2017						0.0007 (J)			
5/19/2017								0.0007 (J)	0.0007 (J)
6/6/2017	<0.005 (*)	<0.005 (*)							
6/12/2017				<0.005	<0.005				
6/14/2017			0.0006 (JD)						
7/12/2017			<0.005 (D)						
7/19/2017						0.0061			
7/20/2017			0.0009 (JD)						
7/28/2017			<0.005						
8/9/2017			0.0011 (J)						
8/24/2017			0.0007 (J)						
9/15/2017							0.0006 (J)		
9/19/2017						0.0021 (J)		<0.005	<0.005
9/22/2017	<0.005	<0.005							
10/2/2017				<0.005	<0.005				
10/3/2017			0.0005 (JD)						
3/13/2018						0.0017 (J)	0.00063 (J)	0.00058 (J)	<0.005
3/14/2018	<0.005								
3/15/2018		<0.005							
3/16/2018				<0.005	<0.005				
3/21/2018			0.0012 (J)						
9/6/2018							<0.005		
9/7/2018						<0.005			
9/11/2018								<0.005	<0.005
9/12/2018	<0.005	<0.005							
9/17/2018				<0.005					
9/18/2018			<0.005		<0.005				
3/7/2019							<0.005		
3/8/2019						<0.005		<0.005	
3/12/2019									<0.005
3/13/2019	<0.005	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/19/2019				<0.005	<0.005				
3/21/2019			<0.005 (D)						
9/4/2019						0.00061 (J)	<0.005		
9/5/2019								0.00039 (J)	0.00046 (J)
9/11/2019	<0.005	<0.005							
9/12/2019			0.0006 (JD)		<0.005				
9/13/2019				<0.005					
3/2/2020							<0.005		
3/3/2020						0.00073 (J)			
3/4/2020								0.00044 (J)	0.00043 (J)
3/9/2020	<0.005	<0.005							
3/11/2020				<0.005	<0.005				
3/12/2020			0.0033 (J)						
9/3/2020							<0.005		
9/8/2020								<0.005	<0.005
9/9/2020						<0.005			
9/11/2020	<0.005								
9/14/2020		<0.005							
9/15/2020					<0.005				
9/16/2020				<0.005					
9/17/2020			0.0011 (J)						
2/24/2021							<0.005		
2/25/2021						<0.005			
2/26/2021								<0.005	<0.005
3/11/2021	<0.005	<0.005							
3/16/2021			0.00098 (J)						
3/17/2021				<0.005	<0.005				
7/27/2021							0.0016 (J)		
7/28/2021						0.0031 (J)			
7/29/2021								0.0032 (J)	0.0037 (J)
8/5/2021		<0.005							
8/6/2021	<0.005								
8/9/2021				<0.005	<0.005				
8/10/2021			0.0025 (J)						
1/25/2022							0.003 (J)		
1/26/2022						0.0047 (J)		<0.005	<0.005
1/31/2022	0.0013 (J)	<0.005							
2/1/2022				<0.005					
2/2/2022					<0.005				
2/3/2022			0.0034 (J)						
8/5/2022							<0.005		
8/8/2022								<0.005	<0.005
8/9/2022						<0.005			
8/10/2022		<0.005							
8/11/2022	<0.005								
8/16/2022				<0.005					
8/17/2022			<0.005		<0.005				
2/13/2023		<0.005							
2/14/2023	<0.005								
2/16/2023				<0.005	<0.005				
2/17/2023			<0.005						
7/25/2023	<0.005	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
7/28/2023			<0.005	<0.005	<0.005				
2/20/2024	<0.005	<0.005							
2/22/2024				<0.005	<0.005				
2/27/2024			<0.005						
8/2/2024	<0.005	<0.005							
8/8/2024			0.0016 (J)	<0.005	<0.005				
2/25/2025	<0.005	<0.005							
2/27/2025				<0.005					
2/28/2025			<0.005		<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
12/12/2008	
4/23/2009	
10/6/2009	
4/27/2010	
5/3/2010	
9/30/2010	
10/11/2010	
4/14/2011	
4/27/2011	
10/5/2011	
10/19/2011	
4/11/2012	
5/1/2012	
10/2/2012	
4/9/2013	
4/10/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/22/2014	
10/1/2014	
3/30/2015	
5/8/2015	
5/9/2015	<0.005
5/17/2015	
5/18/2015	<0.005
5/25/2015	<0.005
6/8/2015	
6/9/2015	<0.005
6/17/2015	<0.005
6/18/2015	
6/24/2015	
6/25/2015	<0.005
6/30/2015	
7/1/2015	<0.005
7/6/2015	
7/7/2015	<0.005
8/12/2015	<0.005
10/11/2015	
2/29/2016	
3/2/2016	<0.005
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	<0.005
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	<0.005
7/11/2016	
7/19/2016	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
8/1/2016	
9/7/2016	
9/8/2016	<0.005
9/16/2016	
9/26/2016	
10/26/2016	<0.005
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	<0.005
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	0.0006 (J)
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
5/17/2017	
5/18/2017	<0.005
5/19/2017	
6/6/2017	
6/12/2017	
6/14/2017	
7/12/2017	
7/19/2017	
7/20/2017	
7/28/2017	
8/9/2017	
8/24/2017	
9/15/2017	<0.005
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	0.00066 (J)
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	0.00057 (J)
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<0.005
3/8/2019	
3/12/2019	
3/13/2019	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	0.00038 (J)
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	<0.005
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	<0.005
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	<0.005
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	0.0014 (J)
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	<0.005
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	
8/5/2022	<0.005
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014				<0.005					
9/17/2014					<0.005	<0.005	<0.005	<0.005	
9/18/2014									<0.005
10/4/2014				<0.005	<0.005	<0.005	<0.005	<0.005	
10/5/2014									<0.005
10/21/2014				<0.005	<0.005	<0.005	<0.005	<0.005	
10/22/2014									<0.005
11/5/2014						<0.005		<0.005	<0.005
11/11/2014				<0.005	<0.005		0.005		
3/3/2015				<0.005	<0.005	<0.005	<0.005	<0.005	
3/4/2015									<0.005
3/18/2015				<0.005	<0.005	<0.005	<0.005		
3/19/2015								<0.005	<0.005
4/6/2015				<0.005	<0.005				
4/7/2015						<0.005	<0.005	<0.005	<0.005
4/8/2015									
4/23/2015				<0.005	<0.005	<0.005	<0.005		
4/24/2015								<0.005	<0.005
5/9/2015	<0.005	<0.005	<0.005						
5/18/2015	<0.005	<0.005							
5/19/2015			<0.005						
5/26/2015	<0.005	<0.005	<0.005						
6/9/2015	<0.005	0.0028 (J)	<0.005						
6/17/2015	<0.005	<0.005	<0.005						
6/25/2015	<0.005	<0.005	<0.005						
7/1/2015	<0.005	0.0024 (J)	<0.005						
7/7/2015	<0.005	<0.005	<0.005						
7/29/2015				<0.005	<0.005	<0.005	<0.005	<0.005	
7/30/2015									<0.005
8/13/2015	<0.005	<0.005	0.0021 (J)						
3/2/2016	<0.005								
3/3/2016		<0.005	<0.005	0.08869 (OD)					
3/4/2016					<0.005				
3/7/2016						<0.005	<0.005	<0.005	
3/8/2016									<0.005
5/3/2016	<0.005	<0.005							
5/5/2016						<0.005	<0.005		
5/9/2016			<0.005					<0.005	<0.005
5/10/2016				0.00128 (J)	<0.005				
7/11/2016	<0.005	0.001 (J)	0.001 (J)						
7/13/2016				0.001 (J)		<0.005	<0.005		
7/14/2016					<0.005			<0.005	0.0008 (J)
7/15/2016									
9/9/2016	<0.005	<0.005	<0.005						
9/12/2016							<0.005	<0.005	<0.005
9/13/2016						<0.005			
9/14/2016					<0.005				
9/15/2016				0.0017 (J)					
10/26/2016	<0.005		<0.005						
10/27/2016		<0.005							
10/31/2016						<0.005		<0.005	<0.005
11/1/2016					<0.005		<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
11/2/2016				<0.005					
1/9/2017	<0.005	<0.005	<0.005						
1/11/2017				<0.005	<0.005		<0.005	<0.005	
1/12/2017						<0.005			<0.005
3/15/2017			0.0005 (J)						
3/16/2017	0.0005 (J)	0.0007 (J)							
3/20/2017				0.0012 (J)			0.0006 (J)		
3/21/2017					0.0009 (J)			0.0007 (J)	
3/22/2017									<0.005
3/23/2017						<0.005			
5/18/2017	0.0006 (J)	0.0006 (J)	0.0006 (J)						
5/22/2017							<0.005	<0.005	<0.005
5/23/2017				<0.005	<0.005	<0.005			
9/15/2017	0.0007 (J)		0.0008 (J)						
9/18/2017		<0.005							
9/19/2017									0.0006 (J)
9/20/2017								<0.005	
9/21/2017				0.001 (J)			<0.005		
9/22/2017					0.0008 (J)				
9/25/2017						<0.005			
3/12/2018	<0.005	<0.005							
3/13/2018			0.00088 (J)						
3/14/2018				0.0013 (J)	0.00092 (J)	0.00091 (J)	0.00057 (J)	0.00076 (J)	0.0011 (J)
9/7/2018	<0.005	<0.005	<0.005	<0.005			<0.005		
9/10/2018								<0.005	<0.005
9/11/2018					<0.005	<0.005			
3/7/2019		<0.005	0.00085 (J)						
3/8/2019	<0.005								
3/11/2019				<0.005					
3/12/2019					<0.005	<0.005	<0.005	<0.005	<0.005
9/4/2019			<0.005						
9/5/2019	0.00044 (J)	0.00042 (J)							
9/6/2019							<0.005		0.00047 (JD)
9/9/2019				0.00094 (J)		0.00099 (J)		0.00082 (J)	
9/10/2019					<0.005				
3/3/2020	<0.005								
3/4/2020		<0.005	0.0004 (J)	0.00088 (J)				0.00072 (J)	
3/5/2020					<0.005		0.00042 (J)		<0.005
3/6/2020						<0.005			
9/4/2020	<0.005	<0.005	<0.005						<0.005
9/8/2020									
9/9/2020				0.0011 (J)	<0.005	<0.005	<0.005	<0.005	
2/25/2021	<0.005	<0.005	<0.005						
2/26/2021						<0.005	<0.005	<0.005	
3/9/2021				0.00094 (J)					<0.005
3/10/2021					<0.005				
7/28/2021	0.0026 (J)	0.0029 (J)	0.0034 (J)						
7/29/2021						0.0015 (J)	0.002 (J)		
7/30/2021				0.0025 (J)	0.0053				
8/2/2021									0.0028 (J)
8/5/2021								<0.005	
1/26/2022	<0.005		0.0015 (J)						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
1/27/2022		0.0019 (J)					<0.005	<0.005	<0.005
1/28/2022				<0.005	<0.005	<0.005			
8/5/2022			<0.005						
8/8/2022	<0.005	<0.005							
8/9/2022								<0.005	<0.005
8/10/2022						<0.005	<0.005		
8/11/2022				<0.005	<0.005				
2/9/2023						<0.005	<0.005	<0.005	
2/10/2023				<0.005	<0.005				<0.005
8/3/2023					<0.005	<0.005			<0.005
8/4/2023				<0.005			<0.005	<0.005	
2/14/2024						<0.005	<0.005	<0.005	
2/15/2024				0.00097 (J)	<0.005				<0.005
7/31/2024				0.0018 (J)	0.002 (J)	0.001 (J)	0.0013 (J)	0.0012 (J)	
8/1/2024									0.0018 (J)
8/2/2024									
2/19/2025							<0.005		
2/20/2025						<0.005		<0.005	<0.005
2/25/2025				<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/16/2014	
9/17/2014	
9/18/2014	<0.005
10/4/2014	
10/5/2014	<0.005
10/21/2014	
10/22/2014	<0.005
11/5/2014	<0.005
11/11/2014	
3/3/2015	
3/4/2015	<0.005
3/18/2015	
3/19/2015	<0.005
4/6/2015	
4/7/2015	
4/8/2015	<0.005
4/23/2015	
4/24/2015	<0.005
5/9/2015	
5/18/2015	
5/19/2015	
5/26/2015	
6/9/2015	
6/17/2015	
6/25/2015	
7/1/2015	
7/7/2015	
7/29/2015	
7/30/2015	<0.005
8/13/2015	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	0.0148 (O)
5/3/2016	
5/5/2016	
5/9/2016	0.00347 (J)
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	0.0017 (J)
9/9/2016	<0.005
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	
10/26/2016	
10/27/2016	<0.005
10/31/2016	
11/1/2016	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	0.002 (J)
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	0.0021 (J)
3/22/2017	
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	<0.005
9/15/2017	
9/18/2017	
9/19/2017	0.0013 (J)
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
3/12/2018	
3/13/2018	
3/14/2018	0.0033 (J)
9/7/2018	
9/10/2018	<0.005
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	0.0038 (J)
3/12/2019	
9/4/2019	
9/5/2019	
9/6/2019	0.0024 (J)
9/9/2019	
9/10/2019	
3/3/2020	0.0015 (J)
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	0.0023 (J)
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	0.0045 (J)
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	0.0071
8/5/2021	
1/26/2022	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
1/27/2022	
1/28/2022	0.0031 (J)
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	0.0025 (J)
8/11/2022	
2/9/2023	0.0025 (J)
2/10/2023	
8/3/2023	
8/4/2023	<0.005
2/14/2024	
2/15/2024	0.001 (J)
7/31/2024	
8/1/2024	
8/2/2024	<0.005
2/19/2025	
2/20/2025	
2/25/2025	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/15/2014						0.0036 (J)		
9/16/2014			<0.005	<0.005			<0.005	<0.005
9/18/2014	<0.005	<0.005						
10/3/2014						<0.005	<0.005	<0.005
10/4/2014			<0.005	<0.005				
10/5/2014	<0.005	<0.005						
10/20/2014						0.0022 (J)	<0.005	<0.005
10/22/2014	<0.005	<0.005						
10/23/2014			<0.005	<0.005				
11/5/2014	<0.005	<0.005						
11/10/2014			<0.005	<0.005		<0.005	<0.005	<0.005
3/2/2015						<0.005	<0.005	0.0062
3/4/2015	<0.005	<0.005	<0.005	<0.005				
3/17/2015						<0.005	<0.005	<0.005
3/19/2015	<0.005							
3/20/2015		<0.005	<0.005	<0.005				
4/5/2015						<0.005	<0.005	
4/6/2015								<0.005
4/8/2015	<0.005	<0.005	<0.005					
4/9/2015				<0.005				
4/21/2015						<0.005		
4/22/2015							<0.005	<0.005
4/23/2015		<0.005	<0.005	<0.005				
4/24/2015	<0.005							
7/28/2015						<0.005	<0.005	<0.005
7/30/2015	<0.005	<0.005	<0.005	<0.005				
3/1/2016						<0.005	<0.005	
3/2/2016								<0.005
3/4/2016			0.0015 (J)					
3/7/2016	<0.005							
3/8/2016				<0.005				
3/9/2016		<0.005						
5/2/2016						<0.005		
5/3/2016							<0.005	<0.005
5/4/2016				<0.005				
5/5/2016	<0.005		<0.005					
5/6/2016		<0.005						
7/6/2016						0.0008 (J)		
7/7/2016								<0.005
7/8/2016							<0.005	
7/12/2016			0.0009 (J)					
7/14/2016	0.001 (J)							
7/15/2016		<0.005						
7/18/2016				<0.005				
9/7/2016						<0.005	<0.005	
9/8/2016								<0.005
9/12/2016	<0.005							
9/13/2016			<0.005	<0.005				
9/14/2016		<0.005						
10/25/2016						<0.005	<0.005	<0.005
10/27/2016	<0.005		<0.005	<0.005				
11/1/2016		<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/5/2017						<0.005		
1/6/2017							<0.005	
1/13/2017	<0.005		<0.005	<0.005				
1/25/2017		<0.005						
2/9/2017								<0.005
3/14/2017						<0.005	0.0005 (J)	
3/16/2017				0.0004 (J)				
3/20/2017	0.0012 (J)		0.0013 (J)					
3/22/2017		<0.005						
3/23/2017								<0.005
5/16/2017						<0.005	<0.005	
5/17/2017								<0.005
5/19/2017			0.001 (J)	0.0005 (J)				
5/23/2017	<0.005							
5/24/2017		0.0006 (J)						
9/15/2017						0.0007 (J)	<0.005	
9/19/2017	0.0021 (J)		<0.005	<0.005				<0.005
9/21/2017		<0.005						
3/12/2018						<0.005	<0.005	
3/13/2018	0.00087 (J)		0.0015 (J)	0.00073 (J)				0.00061 (J)
3/14/2018		0.0014 (J)						
9/6/2018						<0.005	<0.005	0.00071 (J)
9/7/2018	<0.005							
9/11/2018		<0.005	<0.005	<0.005				
3/6/2019							<0.005	
3/7/2019						<0.005		<0.005
3/8/2019			<0.005	<0.005				
3/11/2019	0.00099 (J)							
3/12/2019		<0.005						
9/4/2019						<0.005	<0.005	<0.005
9/5/2019	0.0024 (J)		0.0005 (JD)	<0.005				
9/6/2019		0.00054 (J)						
3/2/2020						<0.005	0.00053 (J)	0.00059 (J)
3/3/2020	0.0014 (J)		<0.005	<0.005				
3/5/2020		<0.005						
9/3/2020							<0.005	<0.005
9/4/2020				<0.005				
9/8/2020	0.0025 (J)							
9/9/2020		<0.005	<0.005					
9/14/2020						<0.005		
2/24/2021							<0.005	<0.005
3/9/2021	0.0018 (J)		<0.005	<0.005				
3/10/2021		<0.005						
3/26/2021						<0.005		
7/27/2021						<0.005		
7/28/2021							<0.005	<0.005
7/29/2021			0.0031 (J)					
7/30/2021		0.006						
8/2/2021	0.0041 (J)			0.0036 (J)				
1/25/2022								<0.005
1/26/2022						<0.005	0.0019 (J)	
1/27/2022	0.0045 (J)			<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/28/2022		0.0026 (J)	0.0021 (J)					
4/6/2022					0.0018 (J)			
8/5/2022								<0.005
8/8/2022					<0.005	<0.005	<0.005	
8/9/2022			<0.005	<0.005				
8/10/2022	0.0035 (J)							
8/11/2022		<0.005						
2/8/2023					<0.005	<0.005	<0.005	<0.005
2/9/2023	0.003 (J)		<0.005	<0.005				
2/10/2023		0.0032 (J)						
8/2/2023					<0.005		<0.005	<0.005
8/3/2023	<0.005	0.0049 (J)	<0.005	<0.005		<0.005		
2/13/2024					<0.005	<0.005	<0.005	<0.005
2/15/2024	0.002 (J)		<0.005					
2/16/2024		0.0011 (J)		<0.005				
7/30/2024					0.0016 (J)	0.0016 (J)	0.0014 (J)	0.0017 (J)
7/31/2024	0.0027 (J)	0.0023 (J)	0.0017 (J)	0.0013 (J)				
2/19/2025					<0.005	<0.005	<0.005	<0.005
2/20/2025	0.0016 (J)							
2/24/2025			<0.005					
2/25/2025		<0.005		<0.005				

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/23/2007	0.02	0.0073	0.0098			0.015 (O)			
10/23/2007	0.039								
10/24/2007		0.027	0.015						
11/2/2007						0.017 (O)			
11/18/2007	0.04 (J)	0.13 (O)	0.011			0.019 (O)			
1/30/2008	0.04								
1/31/2008		0.0077	0.13 (O)			0.011 (O)			
3/10/2008	0.033		0.0078						
3/11/2008		0.015				0.016 (O)			
5/6/2008		0.017							
5/13/2008	0.03		0.0077						
5/14/2008						0.013 (O)			
12/4/2008		0.14 (O)	0.0089						
12/5/2008	0.0087					0.021 (O)			
4/15/2009	0.023					0.012 (O)			
4/21/2009		0.018	0.013						
10/7/2009	0.15 (O)	0.014							
10/8/2009			0.008			0.011 (O)			
4/21/2010			0.01						
4/26/2010		0.017							
4/28/2010						0.0081			
5/3/2010	0.025								
9/28/2010			0.0036						
10/4/2010		0.011							
10/6/2010						0.0083			
10/12/2010	0.029								
4/12/2011			0.0084						
4/13/2011		0.026							
4/21/2011						0.0053			
4/27/2011	0.026								
10/4/2011			0.0066						
10/5/2011		0.021							
10/13/2011						0.0071			
10/17/2011	0.021								
4/3/2012			0.0625 (O)						
4/11/2012		0.0311							
5/1/2012						0.0067			
5/2/2012	0.0212								
10/8/2012	0.019								
10/9/2012		0.018	0.01			0.0055			
4/11/2013			0.021			0.0061			
4/12/2013	0.022								
4/15/2013		0.056							
10/15/2013		0.018							
10/16/2013	0.02		0.033			0.0062			
4/10/2014			0.021						
4/11/2014	0.018								
4/22/2014		0.035							
4/23/2014						0.0047			
9/30/2014	0.013	0.0041	0.0062						
10/4/2014						0.0055			
3/30/2015	0.021	0.036	0.011						

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/31/2015						0.0076			
10/12/2015						0.0049			
10/13/2015	0.012	0.0048	0.0065						
3/11/2016									
3/14/2016					0.0234				
3/15/2016							0.0101	0.0291	0.0462
3/22/2016	0.0182								
3/23/2016		0.0271	0.0206			0.00742 (J)			
5/11/2016					0.00793 (J)		0.00992 (J)		
5/12/2016								0.0322	
5/13/2016									0.0265
5/16/2016				0.0113 (D)					
5/19/2016	0.0193		0.0109						
5/20/2016		0.0206							
5/23/2016						0.00532 (J)			
7/19/2016					0.0045 (J)				
7/20/2016								0.0313	
7/21/2016							0.009 (J)		0.0243
7/22/2016									
7/27/2016				0.0114 (D)					
7/29/2016	0.0174	0.0275	0.007 (J)			0.0053 (J)			
9/15/2016					0.0057 (J)		0.0109	0.0217	
9/19/2016									
9/21/2016									0.0145
9/22/2016			0.0071 (J)			0.0058 (J)			
9/23/2016	0.0168	0.0384							
11/2/2016					0.0043 (J)				
11/3/2016							0.0115	0.0272	0.0082 (J)
11/9/2016	0.0171	0.0266							
11/10/2016			0.0052 (J)			0.0051 (J)			
1/17/2017							0.0101		0.007 (J)
1/18/2017					<0.01 (*)			0.0286 (J)	
1/30/2017	0.019								
1/31/2017		0.0094 (J)	0.0076 (J)			0.0054 (J)			
2/21/2017				0.0178					
3/24/2017							0.0086 (J)	0.0307	
3/27/2017				0.0162 (D)					0.016
3/28/2017					0.0188				
3/30/2017	0.0184	0.0262				0.0049 (J)			
4/3/2017			0.007 (J)						
5/24/2017							0.0087 (J)		
6/6/2017								0.0242	0.0301
6/7/2017					0.0273				
6/8/2017				0.0156 (D)					
6/9/2017	0.0174		0.0074 (J)						
6/12/2017		0.0288				<0.01			
7/17/2017				0.016 (D)					
7/27/2017				0.0184					
8/9/2017				0.0162					
9/25/2017								0.0252	0.0169
9/26/2017					0.0236		0.0075 (J)		
9/29/2017				0.0159 (D)					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
10/2/2017	0.0167	0.0048 (J)	0.0085 (J)						
10/4/2017						0.0047 (J)			
3/14/2018					0.027		0.0064 (J)	0.021	0.036
3/16/2018	0.016		0.015	0.016					
3/19/2018		0.037				0.0047 (J)			
9/12/2018					0.022		0.0075 (J)	0.025	0.021
9/14/2018		0.0059 (J)	0.0095 (J)	0.015					
9/17/2018	0.015 (D)					0.0041 (J)			
3/13/2019							0.0076 (J)		
3/14/2019				0.018				0.028	0.04
3/15/2019					0.019				
3/19/2019			0.024						
3/20/2019	0.019	0.0072 (J)				0.0042 (J)			
9/9/2019					0.015		0.0078 (J)		
9/10/2019								0.0195 (D)	0.031
9/12/2019	0.018	0.0058 (JD)							
9/13/2019			0.012			0.0042 (J)			
3/6/2020								0.022	
3/9/2020				0.017	0.0072 (J)		0.0088 (J)		0.031
3/11/2020	0.016	0.035	0.027			0.0041 (J)			
9/10/2020					0.0042 (J)			0.024	0.031
9/11/2020							0.0079 (J)		
9/15/2020	0.019	0.019	0.013						
9/16/2020				0.027					
3/10/2021							0.0083		0.023
3/11/2021								0.024	
3/12/2021					0.014				
3/16/2021	0.018		0.013	0.014					
3/17/2021		0.025							
3/29/2021						0.0073			
8/4/2021					0.011		0.008	0.021	0.021
8/6/2021				0.014					
8/9/2021	0.019	0.024	0.029			0.0073			
1/31/2022					0.013		0.0081	0.022	0.031
2/1/2022	0.015	0.026	0.024						
2/2/2022				0.013		0.0064			
8/10/2022					0.01				
8/11/2022								0.022	0.019
8/12/2022							0.0076		
8/16/2022	0.017	0.021	0.027	0.013		0.0067			
2/13/2023					0.018		0.0075	0.029	0.028
2/14/2023				0.014					
2/16/2023	0.018	0.029	0.028						
2/17/2023						0.0065			
7/25/2023				0.014				0.018	0.023
7/26/2023					0.016		0.0081		
7/27/2023	0.018	0.02	0.024						
8/1/2023						0.0074			
2/19/2024				0.015	0.013		0.0083	0.017	0.027
2/20/2024									
2/22/2024	0.018	0.021				0.0074			
2/26/2024			0.021						

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/1/2024				0.014	0.011		0.0073	0.014	0.044
8/6/2024			0.015						
8/7/2024	0.015	0.017							
8/8/2024						0.0068			
2/25/2025					0.019		0.0083	0.019	0.037
2/26/2025				0.016		0.0075			
2/27/2025	0.017	0.024	0.028						

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/23/2007	
10/23/2007	
10/24/2007	
11/2/2007	
11/18/2007	
1/30/2008	
1/31/2008	
3/10/2008	
3/11/2008	
5/6/2008	
5/13/2008	
5/14/2008	
12/4/2008	
12/5/2008	
4/15/2009	
4/21/2009	
10/7/2009	
10/8/2009	
4/21/2010	
4/26/2010	
4/28/2010	
5/3/2010	
9/28/2010	
10/4/2010	
10/6/2010	
10/12/2010	
4/12/2011	
4/13/2011	
4/21/2011	
4/27/2011	
10/4/2011	
10/5/2011	
10/13/2011	
10/17/2011	
4/3/2012	
4/11/2012	
5/1/2012	
5/2/2012	
10/8/2012	
10/9/2012	
4/11/2013	
4/12/2013	
4/15/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/11/2014	
4/22/2014	
4/23/2014	
9/30/2014	
10/4/2014	
3/30/2015	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/31/2015	
10/12/2015	
10/13/2015	
3/11/2016	0.00639 (J)
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	0.00622 (J)
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	0.0062 (J)
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	0.0064 (J)
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	0.0058 (J)
11/9/2016	
11/10/2016	
1/17/2017	0.0061 (J)
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	0.0063 (J)
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	0.0064 (J)
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/27/2017	
8/9/2017	
9/25/2017	
9/26/2017	0.006 (J)
9/29/2017	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
10/2/2017	
10/4/2017	
3/14/2018	0.0065 (J)
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	0.0065 (J)
9/17/2018	
3/13/2019	
3/14/2019	0.0066 (J)
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	0.0068 (J)
9/12/2019	
9/13/2019	
3/6/2020	0.0066 (J)
3/9/2020	
3/11/2020	
9/10/2020	0.0059 (J)
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	0.0061
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	0.0061
8/6/2021	
8/9/2021	
1/31/2022	0.0063
2/1/2022	
2/2/2022	
8/10/2022	0.0063
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	0.0061
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	0.0064
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	0.007
2/22/2024	
2/26/2024	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/1/2024	0.0063
8/6/2024	
8/7/2024	
8/8/2024	
2/25/2025	0.0071
2/26/2025	
2/27/2025	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
12/12/2008				0.098 (O)	0.016				
4/23/2009				0.013	0.14 (O)				
10/6/2009				0.011	0.12 (O)				
4/27/2010				0.016					
5/3/2010					0.12 (O)				
9/30/2010				0.013					
10/11/2010					0.019				
4/14/2011				0.011					
4/27/2011					0.02				
10/5/2011				0.015					
10/19/2011					0.014				
4/11/2012				0.0102					
5/1/2012					0.0199				
10/2/2012				0.0091	0.015				
4/9/2013				0.01					
4/10/2013					0.016				
10/15/2013				0.0098					
10/16/2013					0.017				
4/10/2014				0.011					
4/22/2014					0.017				
10/1/2014				0.0033	0.013				
3/30/2015				0.0043	0.014				
5/8/2015						0.0094	0.033		0.014
5/9/2015								0.044	
5/17/2015						0.014	0.04		0.015
5/18/2015								0.04	
5/25/2015						0.012	0.039	0.036	0.014
6/8/2015						0.0094	0.031	0.028	0.014
6/9/2015									
6/17/2015								0.026	
6/18/2015						0.0075	0.039		0.013
6/24/2015						0.0056	0.042	0.021	0.014
6/25/2015									
6/30/2015						0.0047	0.033	0.018	0.014
7/1/2015									
7/6/2015						0.0047	0.031	0.018	0.013
7/7/2015									
8/12/2015						0.00383 (J)	<0.02	<0.02	0.015 (J)
10/11/2015				0.0038	0.0093				
2/29/2016							0.028		
3/2/2016								0.017	0.015
3/11/2016	0.0116	0.00819 (J)							
3/28/2016				0.0133	0.0155				
5/3/2016								0.016	0.0144
5/4/2016						0.0207	0.0273		
5/13/2016	0.0361	0.00756 (J)							
5/23/2016				0.0109					
5/25/2016					0.0143				
7/7/2016						0.0207			
7/8/2016							0.0284	0.0156	
7/11/2016									0.0145
7/19/2016	0.036	0.0079 (J)							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
8/1/2016				0.0058 (J)	0.0129				
9/7/2016									0.014
9/8/2016						0.0278	0.0242	0.0144	
9/16/2016	0.0259	0.0078 (J)							
9/26/2016				0.0092 (J)	0.0177				
10/26/2016						0.0204	0.021	0.0128	
10/27/2016									0.0142
11/2/2016	0.037	0.0082 (J)							
11/10/2016				0.0083 (J)					
11/11/2016					0.0117				
1/6/2017						0.0221	0.0219		0.0139
1/9/2017								0.0134	
1/18/2017	0.0248	0.0085 (J)							
1/30/2017				0.0117	0.0113				
2/22/2017			0.0273						
3/15/2017						0.0172	0.0202		
3/16/2017								0.0129	0.0145
3/28/2017	0.0222	0.0084 (J)							
4/3/2017					0.0166				
4/7/2017			0.024	0.0109					
5/17/2017							0.0219		
5/18/2017						0.0181			
5/19/2017								0.0141	0.0161
6/6/2017	0.02	0.0078 (J)							
6/12/2017				<0.01	0.017				
6/14/2017			0.027 (D)						
7/12/2017			0.027 (D)						
7/19/2017						0.018			
7/20/2017			0.0304 (D)						
7/28/2017			0.0269						
8/9/2017			0.0254						
8/24/2017			0.0285						
9/15/2017							0.0209		
9/19/2017						0.0271		0.0127	0.0153
9/22/2017	0.0179	0.0076 (J)							
10/2/2017				0.0122	0.0157				
10/3/2017			0.0294 (D)						
3/13/2018						0.017	0.02	0.013	0.015
3/14/2018	0.016								
3/15/2018		0.0092 (J)							
3/16/2018				0.0084 (J)	0.012				
3/21/2018			0.03						
9/6/2018							0.024		
9/7/2018						0.022			
9/11/2018								0.013	0.015
9/12/2018	0.017	0.008 (J)							
9/17/2018				0.01					
9/18/2018			0.032		0.0099 (J)				
3/7/2019							0.025		
3/8/2019						0.015		0.012	
3/12/2019									0.016
3/13/2019	0.014	0.0077 (J)							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/19/2019				0.012	0.013				
3/21/2019			0.04 (D)						
9/4/2019						0.018	0.02		
9/5/2019								0.013	0.014
9/11/2019	0.015	0.0079 (J)							
9/12/2019			0.034 (D)		0.011				
9/13/2019				0.0088 (J)					
3/2/2020							0.023		
3/3/2020						0.017			
3/4/2020								0.013	0.015
3/9/2020	0.012	0.0069 (J)							
3/11/2020				0.0077 (J)	0.0095 (J)				
3/12/2020			0.053						
9/3/2020							0.017		
9/8/2020								0.012	0.013
9/9/2020						0.017			
9/11/2020	0.024								
9/14/2020		0.0075 (J)							
9/15/2020					0.0089 (J)				
9/16/2020				0.0081 (J)					
9/17/2020			0.036						
2/24/2021							0.025		
2/25/2021						0.018			
2/26/2021								0.013	0.015
3/11/2021	0.0096	0.0069							
3/16/2021			0.042						
3/17/2021				0.0074	0.012				
7/27/2021							0.026		
7/28/2021						0.019			
7/29/2021								0.013	0.015
8/5/2021		0.0069							
8/6/2021	0.015								
8/9/2021				0.0071	0.0089				
8/10/2021			0.045						
1/25/2022							0.023		
1/26/2022						0.034		0.013	0.014
1/31/2022	0.014	0.0076							
2/1/2022				0.0065					
2/2/2022					0.009				
2/3/2022			0.063						
8/5/2022							0.019		
8/8/2022								0.011	0.013
8/9/2022						0.015			
8/10/2022		0.0066							
8/11/2022	0.016								
8/16/2022				0.0072					
8/17/2022			0.034		0.0091				
2/13/2023		0.0064							
2/14/2023	0.011								
2/16/2023				0.0067	0.0081				
2/17/2023			0.043						
7/25/2023	0.012	0.0073							

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
7/28/2023			0.043	0.0075	0.0079				
2/20/2024	0.011	0.0074							
2/22/2024				0.0073	0.008				
2/27/2024			0.046						
8/2/2024	0.0099	0.0072							
8/8/2024			0.053	0.0073	0.0079				
2/25/2025	0.01	0.0074							
2/27/2025				0.0074					
2/28/2025			0.043		0.0081				

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
12/12/2008	
4/23/2009	
10/6/2009	
4/27/2010	
5/3/2010	
9/30/2010	
10/11/2010	
4/14/2011	
4/27/2011	
10/5/2011	
10/19/2011	
4/11/2012	
5/1/2012	
10/2/2012	
4/9/2013	
4/10/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/22/2014	
10/1/2014	
3/30/2015	
5/8/2015	
5/9/2015	0.054
5/17/2015	
5/18/2015	0.058
5/25/2015	0.051
6/8/2015	
6/9/2015	0.034
6/17/2015	0.032
6/18/2015	
6/24/2015	
6/25/2015	0.032
6/30/2015	
7/1/2015	0.029
7/6/2015	
7/7/2015	0.029
8/12/2015	<0.02
10/11/2015	
2/29/2016	
3/2/2016	0.0297
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	0.0299
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	0.0294
7/11/2016	
7/19/2016	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
8/1/2016	
9/7/2016	
9/8/2016	0.0275
9/16/2016	
9/26/2016	
10/26/2016	0.0263
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	0.0263
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	0.0262
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
5/17/2017	
5/18/2017	0.0276
5/19/2017	
6/6/2017	
6/12/2017	
6/14/2017	
7/12/2017	
7/19/2017	
7/20/2017	
7/28/2017	
8/9/2017	
8/24/2017	
9/15/2017	0.0281
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	0.034
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	0.04
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	0.039
3/8/2019	
3/12/2019	
3/13/2019	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	0.034
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	0.031
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	0.035
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	0.034
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	0.028
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	0.031
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	
8/5/2022	0.03
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014				0.069					
9/17/2014					0.019	0.035	0.015	0.018	
9/18/2014									0.031
10/4/2014				0.057	0.02	0.038	<0.0013	0.017	
10/5/2014									0.032
10/21/2014				0.056	0.02	0.034	0.027 (O)	0.017	
10/22/2014									0.03
11/5/2014						0.04		0.017	0.031
11/11/2014				0.05	0.021		0.028 (O)		
3/3/2015				0.045	0.02	0.033	0.034 (O)	0.016	
3/4/2015									0.026
3/18/2015				0.044	0.019	0.031	0.014		
3/19/2015								0.015	0.028
4/6/2015				0.045	0.02				
4/7/2015						0.038	0.017	0.017	0.031
4/8/2015									
4/23/2015				0.041	0.019	0.031	0.013		
4/24/2015								0.015	0.027
5/9/2015	0.022	0.042	0.018						
5/18/2015	0.031	0.063							
5/19/2015			0.02						
5/26/2015	0.028	0.057	0.02						
6/9/2015	0.031	0.07	0.02						
6/17/2015	0.029	0.065	0.019						
6/25/2015	0.024	0.068	0.019						
7/1/2015	0.026	0.069	0.018						
7/7/2015	0.027	0.071	0.019						
7/29/2015				0.043	0.02	0.045	0.013	0.016	
7/30/2015									0.032
8/12/2015	<0.02	<0.02	<0.02						
3/2/2016	0.0276								
3/3/2016		0.0424	0.0259	0.0806					
3/4/2016					0.0262 (JO)				
3/7/2016						<3 (O)	0.0129	<3 (O)	
3/8/2016									0.0298
5/3/2016	0.0291	0.0477							
5/5/2016						0.0278	0.0149		
5/9/2016			0.0236					0.0162	0.0304
5/10/2016				0.0495	0.0204				
7/11/2016	0.0225	0.0506	0.0295						
7/13/2016				0.0374		0.0255	0.0132		
7/14/2016					0.0198			0.0142	0.0307
7/15/2016									
9/9/2016	0.018	0.0478	0.0259						
9/12/2016							0.0142	0.0154	0.0331
9/13/2016						0.0251			
9/14/2016					0.0183				
9/15/2016				0.0542					
10/26/2016	0.0177		0.0231						
10/27/2016		0.0472							
10/31/2016						0.0277		0.015	0.0321
11/1/2016					0.0209		0.0127		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
11/2/2016				0.0561					
1/9/2017	0.0183	0.0507	0.0273						
1/11/2017				0.0401	0.0194		0.0146	0.0148	
1/12/2017						0.0258			0.0291
3/15/2017			0.0286						
3/16/2017	0.0175	0.0497							
3/20/2017				0.0383			0.0147		
3/21/2017					0.0201			0.0159	
3/22/2017									0.025
3/23/2017						0.0254			
5/18/2017	0.0203	0.0466	0.0253						
5/22/2017							0.0146	0.0155	0.0276
5/23/2017				0.0376	0.0199	0.0247			
9/15/2017	0.0197		0.0247						
9/18/2017		0.0436							
9/19/2017									0.034
9/20/2017								0.0164	
9/21/2017				0.0418			0.0152		
9/22/2017					0.0195				
9/25/2017						0.0228			
3/12/2018	0.023	0.041							
3/13/2018			0.031						
3/14/2018				0.036	0.02	0.025	0.014	0.016	0.03
9/7/2018	0.025	0.039	0.034	0.047			0.015		
9/10/2018								0.016	0.028
9/11/2018					0.019	0.019			
3/7/2019		0.033	0.042						
3/8/2019	0.027								
3/11/2019				0.044					
3/12/2019					0.021	0.014	0.014	0.016	0.03
9/4/2019			0.033						
9/5/2019	0.024	0.032							
9/6/2019							0.014		0.0275 (D)
9/9/2019				0.03		0.028		0.015	
9/10/2019					0.019				
3/3/2020	0.023								
3/4/2020		0.029	0.039	0.045				0.017	
3/5/2020					0.018		0.015		0.028
3/6/2020						0.015			
9/4/2020	0.022	0.032	0.033						0.033
9/8/2020									
9/9/2020				0.051	0.018	0.016	0.014	0.014	
2/25/2021	0.028	0.034	0.032						
2/26/2021						0.017	0.015	0.016	
3/9/2021				0.058					0.027
3/10/2021					0.019				
7/28/2021	0.027	0.03	0.035						
7/29/2021						0.016	0.015		
7/30/2021				0.045	0.019				
8/2/2021									0.03
8/5/2021								0.017	
1/26/2022	0.026		0.032						

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
1/27/2022		0.032					0.014	0.016	0.028
1/28/2022				0.049	0.018	0.044			
8/5/2022			0.033						
8/8/2022	0.026	0.027							
8/9/2022								0.014	0.029
8/10/2022						0.013	0.014		
8/11/2022				0.034	0.017				
2/9/2023						0.016	0.015	0.015	
2/10/2023				0.053	0.018				0.031
8/3/2023					0.019	0.012			0.035
8/4/2023				0.034			0.013	0.014	
2/14/2024						0.014	0.014	0.015	
2/15/2024				0.041	0.018				0.031
7/31/2024				0.035	0.018	0.013	0.013	0.014	
8/1/2024									0.038
8/2/2024									
2/19/2025							0.014		
2/20/2025						0.014		0.016	0.033
2/25/2025				0.039	0.019				

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/16/2014	
9/17/2014	
9/18/2014	0.023
10/4/2014	
10/5/2014	0.025
10/21/2014	
10/22/2014	0.025
11/5/2014	0.025
11/11/2014	
3/3/2015	
3/4/2015	0.024
3/18/2015	
3/19/2015	0.024
4/6/2015	
4/7/2015	
4/8/2015	0.027
4/23/2015	
4/24/2015	0.025
5/9/2015	
5/18/2015	
5/19/2015	
5/26/2015	
6/9/2015	
6/17/2015	
6/25/2015	
7/1/2015	
7/7/2015	
7/29/2015	
7/30/2015	0.025
8/12/2015	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	0.0377
5/3/2016	
5/5/2016	
5/9/2016	0.0347
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	0.0259
9/9/2016	0.0242
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	
10/26/2016	
10/27/2016	0.0227
10/31/2016	
11/1/2016	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	0.0253
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	0.0292
3/22/2017	
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	0.0282
9/15/2017	
9/18/2017	
9/19/2017	0.0276
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
3/12/2018	
3/13/2018	
3/14/2018	0.024
9/7/2018	
9/10/2018	0.016
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	0.015
3/12/2019	
9/4/2019	
9/5/2019	
9/6/2019	0.041
9/9/2019	
9/10/2019	
3/3/2020	0.022
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	0.015
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	0.014
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	0.024
8/5/2021	
1/26/2022	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
1/27/2022	
1/28/2022	0.037
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	0.03
8/11/2022	
2/9/2023	0.031
2/10/2023	
8/3/2023	
8/4/2023	0.025
2/14/2024	
2/15/2024	0.024
7/31/2024	
8/1/2024	
8/2/2024	0.023
2/19/2025	
2/20/2025	
2/25/2025	0.024

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/15/2014						0.031		
9/16/2014			0.019	0.015			0.0071	0.014
9/18/2014	0.057	0.042						
10/3/2014						0.024	0.0087	0.016
10/4/2014			0.019	0.015				
10/5/2014	0.052	0.038						
10/20/2014						0.024	0.0085	0.014
10/22/2014	0.052	0.029						
10/23/2014			0.019	0.015				
11/5/2014	<0.0013	0.031						
11/10/2014			0.019	0.015		0.014	0.008	0.015
3/2/2015						0.013	0.0063	0.03 (O)
3/4/2015	0.046	0.03	0.021	0.016				
3/17/2015						0.013	0.0066	0.018
3/19/2015	0.045							
3/20/2015		0.027	0.02	0.015				
4/5/2015						0.022	0.0068	
4/6/2015								0.014
4/8/2015	0.045	0.032	0.023					
4/9/2015				0.016				
4/21/2015						0.018		
4/22/2015							0.0094	0.012
4/23/2015		0.026	0.02	0.015				
4/24/2015	0.039							
7/28/2015						0.022	0.0057	0.012
7/30/2015	0.039	0.029	0.021	0.015				
3/1/2016						0.021	0.0101	
3/2/2016								0.0123
3/4/2016			0.0422 (O)					
3/7/2016	0.026							
3/8/2016				0.0161				
3/9/2016		0.0284 (J)						
5/2/2016						0.0225		
5/3/2016							0.0104	0.0114
5/4/2016				0.0167				
5/5/2016	0.0374		0.0249					
5/6/2016		0.0233						
7/6/2016						0.0249		
7/7/2016								0.012
7/8/2016							0.0095 (J)	
7/12/2016			0.0246					
7/14/2016	0.0271							
7/15/2016		0.0208						
7/18/2016				0.0162				
9/7/2016						0.0251	0.0095 (J)	
9/8/2016								0.0131
9/12/2016	0.045							
9/13/2016			0.0236	0.0161				
9/14/2016		0.0198						
10/25/2016						0.0274	0.0121	0.0122
10/27/2016	0.0359		0.0229	0.016				
11/1/2016		0.0207						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/5/2017						0.028		
1/6/2017							0.014	
1/13/2017	0.0338		0.0292	0.015				
1/25/2017		0.0195						
2/9/2017								0.0104
3/14/2017						0.02	0.009 (J)	
3/16/2017				0.0163				
3/20/2017	0.033		0.029					
3/22/2017		0.0211						
3/23/2017								0.0128
5/16/2017						0.0221	0.0084 (J)	
5/17/2017								0.0113
5/19/2017			0.0295	0.0164				
5/23/2017	0.0287							
5/24/2017		0.0217						
9/15/2017						0.0231	0.0078 (J)	
9/19/2017	0.0389		0.0248	0.0147				0.0114
9/21/2017		0.0226						
3/12/2018						0.023	0.006 (J)	
3/13/2018	0.028		0.031	0.015				0.011
3/14/2018		0.024						
9/6/2018						0.024	0.0058 (J)	0.011
9/7/2018	0.055							
9/11/2018		0.023	0.024	0.015				
3/6/2019							0.0052 (J)	
3/7/2019						0.018		0.011
3/8/2019			0.02	0.017				
3/11/2019	0.048							
3/12/2019		0.022						
9/4/2019						0.026	0.005 (J)	0.0115 (D)
9/5/2019	0.045		0.021 (D)	0.016				
9/6/2019		0.021						
3/2/2020						0.024	0.005 (J)	0.012
3/3/2020	0.044		0.02	0.015				
3/5/2020		0.022						
9/3/2020							0.0045 (J)	0.011
9/4/2020				0.016				
9/8/2020	0.054							
9/9/2020		0.036	0.024					
9/14/2020						0.03		
2/24/2021							0.0044 (J)	0.013
3/9/2021	0.045		0.021	0.016				
3/10/2021		0.026						
3/26/2021						0.02		
7/27/2021						0.043		
7/28/2021							0.0052	0.013
7/29/2021			0.014					
7/30/2021		0.028						
8/2/2021	0.034			0.018				
1/25/2022								0.012
1/26/2022						0.035	0.0046 (J)	
1/27/2022	0.06			0.017				

Time Series

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/28/2022		0.036	0.025					
4/6/2022					0.041			
8/5/2022								0.012
8/8/2022					0.037	0.038	0.0035 (J)	
8/9/2022			0.015	0.015				
8/10/2022	0.042							
8/11/2022		0.034						
2/8/2023					0.041	0.038	0.0039 (J)	0.013
2/9/2023	0.04		0.018	0.016				
2/10/2023		0.038						
8/2/2023					0.026		0.0038 (J)	0.011
8/3/2023	0.033	0.042	0.017	0.014		0.033		
2/13/2024					0.039	0.036	<0.005	0.012
2/15/2024	0.036		0.018					
2/16/2024		0.14		0.015				
4/3/2024		0.018 (R)						
7/30/2024					0.037	0.036	0.0035 (J)	0.012
7/31/2024	0.032	0.038	0.017	0.014				
2/19/2025					0.039	0.036	0.0038 (J)	0.014
2/20/2025	0.042							
2/24/2025			0.016					
2/25/2025		0.023		0.015				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
9/30/2014	<0.003	<0.003	<0.003						
10/4/2014						<0.003			
3/30/2015	0.00029 (J)	<0.003	<0.003						
3/31/2015						<0.003			
10/12/2015						<0.003			
10/13/2015	<0.003	<0.003	<0.003						
3/11/2016									
3/14/2016					<0.003				
3/15/2016							<0.003	<0.003	<0.003
3/22/2016	<0.003								
3/23/2016		<0.003	<0.003			<0.003			
5/11/2016					<0.003		<0.003		
5/12/2016								<0.003	
5/13/2016									<0.003
5/16/2016				<0.003 (D)					
5/19/2016	<0.003		<0.003						
5/20/2016		<0.003							
5/23/2016						<0.003			
7/19/2016					<0.003				
7/20/2016								<0.003	
7/21/2016							<0.003		<0.003
7/22/2016									
7/27/2016				0.0004 (JD)					
7/29/2016	<0.003	<0.003	<0.003			<0.003			
9/15/2016					<0.003		<0.003	<0.003	
9/19/2016									
9/21/2016									<0.003
9/22/2016			<0.003			<0.003			
9/23/2016	<0.003	<0.003							
11/2/2016					<0.003				
11/3/2016							<0.003	<0.003	<0.003
11/9/2016	<0.003	<0.003							
11/10/2016			<0.003			<0.003			
1/17/2017							<0.003		<0.003
1/18/2017					<0.003			<0.003	
1/30/2017	<0.003								
1/31/2017		<0.003	<0.003			<0.003			
2/21/2017				<0.003					
3/24/2017							<0.003	<0.003	
3/27/2017				<0.003 (D)					<0.003
3/28/2017					<0.003				
3/30/2017	<0.003	<0.003				<0.003			
4/3/2017			<0.003						
5/24/2017							<0.003		
6/6/2017								<0.003	<0.003
6/7/2017					<0.003				
6/8/2017				<0.003 (D)					
6/9/2017	<0.003		<0.003						
6/12/2017		<0.003				<0.003			
7/17/2017				<0.003 (D)					
7/27/2017				<0.003					
8/9/2017				<0.003					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
9/25/2017								<0.003	<0.003
9/26/2017					<0.003		<0.003		
9/29/2017				<0.003 (D)					
10/2/2017	<0.003	<0.003	<0.003						
10/4/2017						<0.003			
3/14/2018					<0.003		<0.003	<0.003	<0.003
3/16/2018	<0.003		<0.003	<0.003					
3/19/2018		<0.003				<0.003			
9/12/2018					<0.003		<0.003	<0.003	<0.003
9/14/2018		<0.003	<0.003	<0.003					
9/17/2018	<0.003 (D)					<0.003			
3/13/2019							<0.003		
3/14/2019				<0.003				<0.003	5.2E-05 (J)
3/15/2019					<0.003				
3/19/2019			<0.003						
3/20/2019	<0.003	<0.003				<0.003			
9/9/2019					<0.003		<0.003		
9/10/2019								<0.003 (D)	<0.003
9/12/2019	<0.003	<0.003 (D)							
9/13/2019			<0.003			<0.003			
3/6/2020								<0.003	
3/9/2020				<0.003	<0.003		<0.003		<0.003
3/11/2020	<0.003	<0.003	<0.003			<0.003			
9/10/2020					<0.003			<0.003	<0.003
9/11/2020							<0.003		
9/15/2020	<0.003	<0.003	<0.003						
9/16/2020				<0.003					
3/10/2021							<0.003		<0.003
3/11/2021								<0.003	
3/12/2021					<0.003				
3/16/2021	<0.003		<0.003	<0.003					
3/17/2021		<0.003							
3/29/2021						<0.003			
8/4/2021					<0.003		<0.003	<0.003	<0.003
8/6/2021				<0.003					
8/9/2021	<0.003	<0.003	<0.003			<0.003			
1/31/2022					<0.003		<0.003	<0.003	<0.003
2/1/2022	<0.003	<0.003	<0.003						
2/2/2022				<0.003		<0.003			
8/10/2022					<0.003				
8/11/2022								<0.003	<0.003
8/12/2022							<0.003		
8/16/2022	<0.003	<0.003	<0.003	<0.003		<0.003			
2/13/2023					<0.003		<0.003	<0.003	<0.003
2/14/2023				<0.003					
2/16/2023	<0.003	<0.003	<0.003						
2/17/2023						<0.003			
7/25/2023				<0.003				<0.003	<0.003
7/26/2023					<0.003		<0.003		
7/27/2023	<0.003	<0.003	<0.003						
8/1/2023						<0.003			
2/19/2024				<0.003	<0.003		<0.003	<0.003	<0.003

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
2/20/2024									
2/22/2024	<0.003	<0.003				<0.003			
2/26/2024			<0.003						
8/1/2024				<0.003	<0.003		<0.003	<0.003	<0.003
8/6/2024			<0.003						
8/7/2024	<0.003	<0.003							
8/8/2024						<0.003			
2/25/2025					<0.003		<0.003	<0.003	<0.003
2/26/2025				<0.003		<0.003			
2/27/2025	<0.003	<0.003	<0.003						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
9/30/2014	
10/4/2014	
3/30/2015	
3/31/2015	
10/12/2015	
10/13/2015	
3/11/2016	<0.003
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	<0.003
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	0.0002 (J)
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	0.0001 (J)
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	0.0002 (J)
11/9/2016	
11/10/2016	
1/17/2017	0.0001 (J)
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	0.0001 (J)
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	0.0001 (J)
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/27/2017	
8/9/2017	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
9/25/2017	
9/26/2017	0.0001 (J)
9/29/2017	
10/2/2017	
10/4/2017	
3/14/2018	0.00014 (J)
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	0.00012 (J)
9/17/2018	
3/13/2019	
3/14/2019	0.00017 (J)
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	0.00015 (J)
9/12/2019	
9/13/2019	
3/6/2020	0.00017 (J)
3/9/2020	
3/11/2020	
9/10/2020	0.00014 (J)
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	0.00015 (J)
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	0.00012 (J)
8/6/2021	
8/9/2021	
1/31/2022	0.00014 (J)
2/1/2022	
2/2/2022	
8/10/2022	0.00016 (J)
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	0.00015 (J)
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	0.00019 (J)
7/27/2023	
8/1/2023	
2/19/2024	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
2/20/2024	0.00014 (J)
2/22/2024	
2/26/2024	
8/1/2024	0.00014 (J)
8/6/2024	
8/7/2024	
8/8/2024	
2/25/2025	<0.003
2/26/2025	
2/27/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
10/1/2014				<0.003	<0.003				
3/30/2015				<0.003	0.0002 (J)				
5/8/2015						<0.003	<0.003		<0.003
5/9/2015								<0.003	
5/17/2015						0.00022 (J)	<0.003		<0.003
5/18/2015								<0.003	
5/25/2015						<0.003	<0.003	<0.003	<0.003
6/8/2015						<0.003	<0.003	<0.003	<0.003
6/9/2015									
6/17/2015								<0.003	
6/18/2015						<0.003	<0.003		<0.003
6/24/2015						<0.003	<0.003	<0.003	<0.003
6/25/2015									
6/30/2015						<0.003	<0.003	<0.003	0.00014 (J)
7/1/2015									
7/6/2015						<0.003	<0.003	<0.003	<0.003
7/7/2015									
8/12/2015						<0.003	<0.003	<0.003	<0.003
10/11/2015				<0.003	<0.003				
2/29/2016							<0.003		
3/2/2016								<0.003	<0.003
3/11/2016	<0.003	<0.003							
3/28/2016				<0.003	<0.003				
5/3/2016								<0.003	<0.003
5/4/2016						<0.003	<0.003		
5/13/2016	<0.003	<0.003							
5/23/2016				<0.003					
5/25/2016					<0.003				
7/7/2016						<0.003			
7/8/2016							<0.003	<0.003	
7/11/2016									<0.003
7/19/2016	<0.003	<0.003							
8/1/2016				<0.003	<0.003				
9/7/2016									<0.003
9/8/2016						<0.003	<0.003	<0.003	
9/16/2016	<0.003	<0.003							
9/26/2016				<0.003	<0.003				
10/26/2016						<0.003	<0.003	<0.003	
10/27/2016									<0.003
11/2/2016	<0.003	<0.003							
11/10/2016				<0.003					
11/11/2016					<0.003				
1/6/2017						<0.003	<0.003		<0.003
1/9/2017								<0.003	
1/18/2017	<0.003	<0.003							
1/30/2017				<0.003	<0.003				
2/22/2017			<0.003						
3/15/2017						<0.003	<0.003		
3/16/2017								<0.003	<0.003
3/28/2017	<0.003	<0.003							
4/3/2017					<0.003				
4/7/2017			<0.003	<0.003					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
5/17/2017							<0.003		
5/18/2017						<0.003			
5/19/2017								<0.003	<0.003
6/6/2017	<0.003	<0.003							
6/12/2017				<0.003	<0.003				
6/14/2017			<0.003 (D)						
7/12/2017			<0.003 (D)						
7/19/2017						<0.003			
7/20/2017			<0.003 (D)						
7/28/2017			<0.003						
8/9/2017			<0.003						
8/24/2017			<0.003						
9/15/2017							<0.003		
9/19/2017						<0.003		<0.003	<0.003
9/22/2017	<0.003	<0.003							
10/2/2017				<0.003	<0.003				
10/3/2017			<0.003 (D)						
3/13/2018						<0.003	<0.003	<0.003	<0.003
3/14/2018	<0.003								
3/15/2018		5.1E-05 (J)							
3/16/2018				<0.003	<0.003				
3/21/2018			<0.003						
9/6/2018							<0.003		
9/7/2018						<0.003			
9/11/2018								<0.003	<0.003
9/12/2018	<0.003	<0.003							
9/17/2018				<0.003					
9/18/2018			<0.003		<0.003				
3/7/2019							<0.003		
3/8/2019						<0.003		5.7E-05 (J)	
3/12/2019									<0.003
3/13/2019	<0.003	<0.003							
3/19/2019				<0.003	<0.003				
3/21/2019			<0.003 (D)						
9/4/2019						<0.003	<0.003		
9/5/2019								<0.003	<0.003
9/11/2019	<0.003	<0.003							
9/12/2019			<0.003 (D)		<0.003				
9/13/2019				<0.003					
3/2/2020							<0.003		
3/3/2020						<0.003			
3/4/2020								<0.003	<0.003
3/9/2020	<0.003	<0.003							
3/11/2020				<0.003	<0.003				
3/12/2020			<0.003						
9/3/2020							<0.003		
9/8/2020								5.5E-05 (J)	<0.003
9/9/2020						<0.003			
9/11/2020	6.9E-05 (J)								
9/14/2020		<0.003							
9/15/2020					8.5E-05 (J)				
9/16/2020				<0.003					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
9/17/2020			<0.003						
2/24/2021							<0.003		
2/25/2021						<0.003			
2/26/2021								5.1E-05 (J)	<0.003
3/11/2021	<0.003	<0.003							
3/16/2021			<0.003						
3/17/2021				<0.003	<0.003				
7/27/2021							9.7E-05 (J)		
7/28/2021						<0.003			
7/29/2021								9E-05 (J)	<0.003
8/5/2021		<0.003							
8/6/2021	<0.003								
8/9/2021				<0.003	<0.003				
8/10/2021			<0.003						
1/25/2022							<0.003		
1/26/2022						<0.003		7E-05 (J)	<0.003
1/31/2022	<0.003	<0.003							
2/1/2022				<0.003					
2/2/2022					5.5E-05 (J)				
2/3/2022			<0.003						
8/5/2022							<0.003		
8/8/2022								<0.003	<0.003
8/9/2022						<0.003			
8/10/2022		<0.003							
8/11/2022	7.6E-05 (J)								
8/16/2022				<0.003					
8/17/2022			<0.003		<0.003				
2/13/2023		<0.003							
2/14/2023	<0.003								
2/16/2023				<0.003	<0.003				
2/17/2023			<0.003						
7/25/2023	<0.003	<0.003							
7/28/2023			<0.003	<0.003	<0.003				
2/20/2024	<0.003	<0.003							
2/22/2024				<0.003	<0.003				
2/27/2024			<0.003						
8/2/2024	<0.003	<0.003							
8/8/2024			<0.003	<0.003	<0.003				
2/25/2025	<0.003	<0.003							
2/27/2025				<0.003					
2/28/2025			<0.003		<0.003				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
10/1/2014	
3/30/2015	
5/8/2015	
5/9/2015	<0.003
5/17/2015	
5/18/2015	<0.003
5/25/2015	<0.003
6/8/2015	
6/9/2015	<0.003
6/17/2015	<0.003
6/18/2015	
6/24/2015	
6/25/2015	<0.003
6/30/2015	
7/1/2015	<0.003
7/6/2015	
7/7/2015	<0.003
8/12/2015	<0.003
10/11/2015	
2/29/2016	
3/2/2016	<0.003
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	<0.003
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	<0.003
7/11/2016	
7/19/2016	
8/1/2016	
9/7/2016	
9/8/2016	<0.003
9/16/2016	
9/26/2016	
10/26/2016	<0.003
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	<0.003
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	<0.003
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
5/17/2017	
5/18/2017	<0.003
5/19/2017	
6/6/2017	
6/12/2017	
6/14/2017	
7/12/2017	
7/19/2017	
7/20/2017	
7/28/2017	
8/9/2017	
8/24/2017	
9/15/2017	<0.003
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	<0.003
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	<0.003
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<0.003
3/8/2019	
3/12/2019	
3/13/2019	
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	<0.003
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	<0.003
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	<0.003
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
9/17/2020	
2/24/2021	
2/25/2021	<0.003
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	<0.003
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	<0.003
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	
8/5/2022	<0.003
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014				<0.003					
9/17/2014					<0.003	<0.003	7.8E-05 (J)	<0.003	
9/18/2014									<0.003
10/4/2014				<0.003	<0.003	<0.003	<0.003	<0.003	
10/5/2014									<0.003
10/21/2014				<0.003	<0.003	<0.003	<0.003	<0.003	
10/22/2014									<0.003
11/5/2014						9E-05 (J)		<0.003	<0.003
11/11/2014				<0.003	<0.003		<0.003		
3/3/2015				<0.003	<0.003	<0.003	<0.003	<0.003	
3/4/2015									<0.003
3/18/2015				<0.003	<0.003	<0.003	<0.003		
3/19/2015								<0.003	<0.003
4/6/2015				<0.003	<0.003				
4/7/2015						<0.003	<0.003	<0.003	<0.003
4/8/2015									
4/23/2015				<0.003	<0.003	7.8E-05 (J)	<0.003		
4/24/2015								<0.003	8.3E-05 (J)
5/9/2015	<0.003	<0.003	<0.003						
5/18/2015	<0.003	0.00011 (J)							
5/19/2015			<0.003						
5/26/2015	<0.003	<0.003	<0.003						
6/9/2015	<0.003	0.00025 (J)	<0.003						
6/17/2015	<0.003	<0.003	<0.003						
6/25/2015	<0.003	<0.003	<0.003						
7/1/2015	<0.003	0.00024 (J)	<0.003						
7/7/2015	0.00012 (J)	<0.003	<0.003						
7/29/2015				<0.003	<0.003	<0.003	<0.003	<0.003	
7/30/2015									<0.003
8/12/2015	<0.003	<0.003	<0.003						
3/2/2016	<0.003								
3/3/2016		<0.003	<0.003	<0.003					
3/4/2016					<0.003				
3/7/2016						<0.003	<0.003	<0.003	
3/8/2016									<0.003
5/3/2016	<0.003	<0.003							
5/5/2016						<0.003	<0.003		
5/9/2016			<0.003					<0.003	<0.003
5/10/2016				<0.003	<0.003				
7/11/2016	<0.003	<0.003	0.0001 (J)						
7/13/2016				<0.003		<0.003	<0.003		
7/14/2016					<0.003			<0.003	<0.003
7/15/2016									
9/9/2016	<0.003	<0.003	<0.003						
9/12/2016							<0.003	<0.003	<0.003
9/13/2016						<0.003			
9/14/2016					<0.003				
9/15/2016				<0.003					
10/26/2016	<0.003		<0.003						
10/27/2016		<0.003							
10/31/2016						<0.003		<0.003	<0.003
11/1/2016					<0.003		<0.003		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
11/2/2016				<0.003					
1/9/2017	<0.003	<0.003	<0.003						
1/11/2017				<0.003	<0.003		<0.003	<0.003	
1/12/2017						<0.003			<0.003
3/15/2017			<0.003						
3/16/2017	<0.003	<0.003							
3/20/2017				<0.003			<0.003		
3/21/2017					<0.003			<0.003	
3/22/2017									<0.003
3/23/2017						<0.003			
5/18/2017	<0.003	<0.003	<0.003						
5/22/2017							<0.003	<0.003	<0.003
5/23/2017				<0.003	<0.003	<0.003			
9/15/2017	<0.003		<0.003						
9/18/2017		<0.003							
9/19/2017									<0.003
9/20/2017								0.0001 (J)	
9/21/2017				<0.003			<0.003		
9/22/2017					<0.003				
9/25/2017						<0.003			
3/12/2018	<0.003	<0.003							
3/13/2018			<0.003						
3/14/2018				<0.003	<0.003	<0.003	0.00011 (J)	6.5E-05 (J)	<0.003
9/7/2018	<0.003	<0.003	<0.003	<0.003			<0.003		
9/10/2018								<0.003	<0.003
9/11/2018					<0.003	<0.003			
3/7/2019		<0.003	<0.003						
3/8/2019	<0.003								
3/11/2019				<0.003					
3/12/2019					<0.003	<0.003	<0.003	<0.003	<0.003
9/4/2019			<0.003						
9/5/2019	<0.003	<0.003							
9/6/2019							<0.003		<0.003
9/9/2019				<0.003		<0.003		<0.003	
9/10/2019					<0.003				
3/3/2020	<0.003								
3/4/2020		<0.003	<0.003	<0.003				0.00013 (J)	
3/5/2020					<0.003		0.00013 (J)		<0.003
3/6/2020						<0.003			
9/4/2020	<0.003	<0.003	<0.003						<0.003
9/8/2020									
9/9/2020				<0.003	<0.003	<0.003	0.0002 (J)	<0.003	
2/25/2021	<0.003	<0.003	<0.003						
2/26/2021						<0.003	0.0002 (J)	<0.003	
3/9/2021				<0.003					<0.003
3/10/2021					<0.003				
7/28/2021	<0.003	<0.003	<0.003						
7/29/2021						<0.003	0.00015 (J)		
7/30/2021				<0.003	<0.003				
8/2/2021									<0.003
8/5/2021								9.9E-05 (J)	
1/26/2022	<0.003		<0.003						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
1/27/2022		<0.003					5.5E-05 (J)	<0.003	<0.003
1/28/2022				<0.003	<0.003	<0.003			
8/5/2022			<0.003						
8/8/2022	<0.003	<0.003							
8/9/2022								<0.003	<0.003
8/10/2022						<0.003	5.6E-05 (J)		
8/11/2022				<0.003	<0.003				
2/9/2023						<0.003	0.00015 (J)	<0.003	
2/10/2023				<0.003	<0.003				<0.003
8/3/2023					<0.003	<0.003			<0.003
8/4/2023				<0.003			<0.003	<0.003	
2/14/2024						<0.003	0.0001 (J)	<0.003	
2/15/2024				<0.003	<0.003				<0.003
7/31/2024				<0.003	<0.003	<0.003	<0.003	<0.003	
8/1/2024									<0.003
8/2/2024									
2/19/2025							<0.003		
2/20/2025						<0.003		<0.003	<0.003
2/25/2025				<0.003	<0.003				

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/16/2014	
9/17/2014	
9/18/2014	<0.003
10/4/2014	
10/5/2014	<0.003
10/21/2014	
10/22/2014	<0.003
11/5/2014	<0.003
11/11/2014	
3/3/2015	
3/4/2015	<0.003
3/18/2015	
3/19/2015	<0.003
4/6/2015	
4/7/2015	
4/8/2015	<0.003
4/23/2015	
4/24/2015	<0.003
5/9/2015	
5/18/2015	
5/19/2015	
5/26/2015	
6/9/2015	
6/17/2015	
6/25/2015	
7/1/2015	
7/7/2015	
7/29/2015	
7/30/2015	<0.003
8/12/2015	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	<0.003
5/3/2016	
5/5/2016	
5/9/2016	<0.003
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	<0.003
9/9/2016	<0.003
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	
10/26/2016	
10/27/2016	<0.003
10/31/2016	
11/1/2016	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	<0.003
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	<0.003
3/22/2017	
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	<0.003
9/15/2017	
9/18/2017	
9/19/2017	<0.003
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
3/12/2018	
3/13/2018	
3/14/2018	<0.003
9/7/2018	
9/10/2018	<0.003
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	<0.003
3/12/2019	
9/4/2019	
9/5/2019	
9/6/2019	<0.003
9/9/2019	
9/10/2019	
3/3/2020	<0.003
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	<0.003
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	<0.003
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	<0.003
8/5/2021	
1/26/2022	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
1/27/2022	
1/28/2022	<0.003
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	<0.003
8/11/2022	
2/9/2023	<0.003
2/10/2023	
8/3/2023	
8/4/2023	<0.003
2/14/2024	
2/15/2024	<0.003
7/31/2024	
8/1/2024	
8/2/2024	<0.003
2/19/2025	
2/20/2025	
2/25/2025	<0.003

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/15/2014						0.0032		
9/16/2014			<0.003	<0.003			<0.003	<0.003
9/18/2014	<0.003	<0.003						
10/3/2014						<0.003	<0.003	8.3E-05 (J)
10/4/2014			<0.003	<0.003				
10/5/2014	<0.003	<0.003						
10/20/2014						0.0014	<0.003	7.8E-05 (J)
10/22/2014	<0.003	<0.003						
10/23/2014			<0.003	<0.003				
11/5/2014	<0.003	<0.003						
11/10/2014			<0.003	<0.003		<0.003	<0.003	8E-05 (J)
3/2/2015						<0.003	<0.003	0.00034 (J)
3/4/2015	<0.003	<0.003	<0.003	<0.003				
3/17/2015						8.3E-05 (J)	<0.003	0.00014 (J)
3/19/2015	<0.003							
3/20/2015		<0.003	<0.003	<0.003				
4/5/2015						0.00038 (J)	<0.003	
4/6/2015								<0.003
4/8/2015	<0.003	<0.003	<0.003					
4/9/2015				<0.003				
4/21/2015						0.0011 (J)		
4/22/2015							8.3E-05 (J)	7.8E-05 (J)
4/23/2015		<0.003	<0.003	<0.003				
4/24/2015	<0.003							
7/28/2015						0.00092 (J)	<0.003	<0.003
7/30/2015	<0.003	<0.003	<0.003	<0.003				
3/1/2016						<0.003	<0.003	
3/2/2016								<0.003
3/4/2016			<0.003					
3/7/2016	<0.003							
3/8/2016				<0.003				
3/9/2016		<0.003						
5/2/2016						<0.003		
5/3/2016							<0.003	<0.003
5/4/2016				<0.003				
5/5/2016	<0.003		<0.003					
5/6/2016		<0.003						
7/6/2016						0.0002 (J)		
7/7/2016								<0.003
7/8/2016							<0.003	
7/12/2016			<0.003					
7/14/2016	<0.003							
7/15/2016		<0.003						
7/18/2016				<0.003				
9/7/2016						<0.003	<0.003	
9/8/2016								<0.003
9/12/2016	<0.003							
9/13/2016			<0.003	<0.003				
9/14/2016		<0.003						
10/25/2016						<0.003	<0.003	<0.003
10/27/2016	<0.003		<0.003	<0.003				
11/1/2016		<0.003						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/5/2017						0.0001 (J)		
1/6/2017							<0.003	
1/13/2017	<0.003		<0.003	<0.003				
1/25/2017		<0.003						
2/9/2017								<0.003
3/14/2017						0.0001 (J)	<0.003	
3/16/2017				<0.003				
3/20/2017	<0.003		<0.003					
3/22/2017		<0.003						
3/23/2017								<0.003
5/16/2017						<0.003	<0.003	
5/17/2017								<0.003
5/19/2017			<0.003	<0.003				
5/23/2017	<0.003							
5/24/2017		<0.003						
9/15/2017						<0.003	<0.003	
9/19/2017	<0.003		<0.003	<0.003				<0.003
9/21/2017		<0.003						
3/12/2018						5.6E-05 (J)	<0.003	
3/13/2018	<0.003		<0.003	<0.003				<0.003
3/14/2018		<0.003						
9/6/2018						<0.003	<0.003	<0.003
9/7/2018	<0.003							
9/11/2018		<0.003	<0.003	<0.003				
3/6/2019							<0.003	
3/7/2019						6.8E-05 (J)		<0.003
3/8/2019			<0.003	<0.003				
3/11/2019	<0.003							
3/12/2019		<0.003						
9/4/2019						<0.003	<0.003	<0.003
9/5/2019	<0.003		<0.003	<0.003				
9/6/2019		<0.003						
3/2/2020						0.00015 (J)	<0.003	<0.003
3/3/2020	<0.003		<0.003	<0.003				
3/5/2020		<0.003						
9/3/2020							<0.003	<0.003
9/4/2020				<0.003				
9/8/2020	<0.003							
9/9/2020		<0.003	<0.003					
9/14/2020						0.00012 (J)		
2/24/2021							<0.003	<0.003
3/9/2021	<0.003		<0.003	<0.003				
3/10/2021		<0.003						
3/26/2021						0.00019 (J)		
7/27/2021						8.1E-05 (J)		
7/28/2021							<0.003	<0.003
7/29/2021			<0.003					
7/30/2021		<0.003						
8/2/2021	<0.003			<0.003				
1/25/2022								<0.003
1/26/2022						<0.003	<0.003	
1/27/2022	<0.003			<0.003				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/28/2022		<0.003	<0.003					
4/6/2022					6.1E-05 (J)			
8/5/2022								<0.003
8/8/2022					<0.003	<0.003	<0.003	
8/9/2022			<0.003	<0.003				
8/10/2022	<0.003							
8/11/2022		<0.003						
2/8/2023					7.7E-05 (J)	<0.003	<0.003	<0.003
2/9/2023	<0.003		<0.003	<0.003				
2/10/2023		<0.003						
8/2/2023					<0.003		<0.003	<0.003
8/3/2023	<0.003	<0.003	<0.003	<0.003		<0.003		
2/13/2024					<0.003	<0.003	<0.003	<0.003
2/15/2024	<0.003		<0.003					
2/16/2024		<0.003		<0.003				
7/30/2024					<0.003	<0.003	<0.003	<0.003
7/31/2024	<0.003	<0.003	<0.003	<0.003				
2/19/2025					<0.003	<0.003	<0.003	<0.003
2/20/2025	<0.003							
2/24/2025			<0.003					
2/25/2025		<0.003		<0.003				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/11/2016									
3/14/2016					<0.04				
3/15/2016							<0.04	<0.04	<0.04
3/22/2016	<0.04								
3/23/2016		<0.04	<0.04			<0.04			
5/11/2016					<0.04		<0.04		
5/12/2016								<0.04	
5/13/2016									<0.04
5/16/2016				<0.04 (D)					
5/19/2016	<0.04		<0.04						
5/20/2016		<0.04							
5/23/2016						<0.04			
7/19/2016					<0.04 (*)				
7/20/2016								<0.04	
7/21/2016							<0.04		<0.04 (*)
7/22/2016									
7/27/2016				<0.04 (*)					
7/29/2016	<0.04	<0.04	<0.04			<0.04			
9/15/2016					0.0067 (J)		<0.04	<0.04	
9/19/2016									
9/21/2016									<0.04 (*)
9/22/2016			<0.04			<0.04			
9/23/2016	<0.04	<0.04							
11/2/2016					<0.04				
11/3/2016							<0.04 (*)	<0.04	<0.04
11/9/2016	<0.04	<0.04							
11/10/2016			<0.04			<0.04			
1/17/2017							<0.04		<0.04
1/18/2017					<0.04			<0.04	
1/30/2017	<0.04								
1/31/2017		<0.04	<0.04			<0.04			
2/21/2017				0.0218 (JD)					
3/24/2017							<0.04	0.0154 (J)	
3/27/2017				0.0262 (JD)					0.0173 (J)
3/28/2017					<0.04				
3/30/2017	0.0065 (J)	<0.04				<0.04			
4/3/2017			<0.04						
5/24/2017							<0.04		
6/6/2017								<0.04	<0.04 (*)
6/7/2017					<0.04 (*)				
6/8/2017				0.0067 (JD)					
6/9/2017	<0.04		<0.04						
6/12/2017		<0.04				<0.04			
7/17/2017				0.0165 (JD)					
7/27/2017				0.0138 (JD)					
8/9/2017				0.0069 (JD)					
9/25/2017								<0.04	0.0141 (J)
9/26/2017					<0.04		0.0075 (J)		
9/29/2017				0.0066 (JD)					
10/2/2017	<0.04	<0.04	<0.04						
10/4/2017						<0.04			
3/14/2018					<0.04		0.0093 (J)	0.011 (J)	0.014 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/16/2018	<0.04		0.0077 (J)	0.0067 (J)					
3/19/2018		0.013 (J)				0.0057 (J)			
9/12/2018					<0.04		<0.04	<0.04	0.013 (J)
9/14/2018		<0.04	<0.04	0.0059 (J)					
9/17/2018	0.00625 (JD)					<0.04			
3/13/2019							<0.04		
3/14/2019				0.0059 (X)				0.007 (X)	0.015 (X)
3/15/2019					0.005 (X)				
3/19/2019			0.014 (J)						
3/20/2019	0.0042 (J)	<0.04				<0.04			
9/9/2019					<0.04		<0.04		
9/10/2019				0.0081 (X)				<0.04	0.015 (X)
9/12/2019	<0.04	<0.04 (D)							
9/13/2019			0.012 (J)			<0.04			
3/6/2020								0.013 (J)	
3/9/2020				0.0065 (J)	<0.04		0.0074 (J)		0.021 (J)
3/11/2020	<0.04	0.0068 (J)	0.017 (J)			0.0071 (J)			
9/10/2020					<0.04			<0.04	0.016 (J)
9/11/2020							<0.04		
9/15/2020	0.01 (J)	0.0053 (J)	0.0074 (J)						
9/16/2020				0.015 (J)					
3/10/2021							<0.04		0.0098 (J)
3/11/2021								0.0075 (J)	
3/12/2021					0.011 (J)				
3/16/2021	<0.04		0.0061 (J)	<0.04					
3/17/2021		<0.04							
3/29/2021						<0.04			
8/4/2021					<0.04		<0.04	<0.04	0.01 (J)
8/6/2021				<0.04					
8/9/2021	<0.04	<0.04	0.012 (J)			<0.04			
1/31/2022					<0.04		<0.04	<0.04	0.016 (J)
2/1/2022	<0.04	<0.04	<0.04						
2/2/2022				<0.04		<0.04			
8/10/2022					<0.04				
8/11/2022								<0.04	<0.04
8/12/2022							<0.04		
8/16/2022	<0.04	<0.04	<0.04	<0.04		<0.04			
2/13/2023					<0.04		<0.04	<0.04	0.017 (J)
2/14/2023				<0.04					
2/16/2023	<0.04	<0.04	0.017 (J)						
2/17/2023						<0.04			
7/25/2023				<0.04				0.012 (J)	0.011 (J)
7/26/2023					0.012 (J)		0.0091 (J)		
7/27/2023	0.015 (J)	<0.04	0.015 (J)						
8/1/2023						<0.04			
2/19/2024				<0.04	<0.04		<0.04	<0.04	0.012 (J)
2/20/2024									
2/22/2024	<0.04	<0.04				<0.04			
2/26/2024			0.018 (J)						
8/1/2024				<0.04	<0.04		<0.04	<0.04	<0.04
8/6/2024			<0.04						
8/7/2024	<0.04	<0.04							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/8/2024						<0.04			
2/25/2025					<0.04		<0.04	0.0094 (J)	0.017 (J)
2/26/2025				<0.04		<0.04			
2/27/2025	<0.04	<0.04	0.021 (J)						

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/11/2016	<0.04
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	<0.04
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	0.0076 (J)
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	<0.04
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	<0.04
11/9/2016	
11/10/2016	
1/17/2017	<0.04
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	0.0101 (J)
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	<0.04 (*)
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/27/2017	
8/9/2017	
9/25/2017	
9/26/2017	<0.04
9/29/2017	
10/2/2017	
10/4/2017	
3/14/2018	<0.04

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	<0.04
9/17/2018	
3/13/2019	
3/14/2019	<0.04
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	<0.04
9/12/2019	
9/13/2019	
3/6/2020	0.0068 (J)
3/9/2020	
3/11/2020	
9/10/2020	<0.04
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	<0.04
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	<0.04
8/6/2021	
8/9/2021	
1/31/2022	<0.04
2/1/2022	
2/2/2022	
8/10/2022	<0.04
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	<0.04
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	<0.04
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	0.031 (J)
2/22/2024	
2/26/2024	
8/1/2024	<0.04
8/6/2024	
8/7/2024	

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/8/2024	
2/25/2025	<0.04
2/26/2025	
2/27/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
2/29/2016							<0.04		
3/2/2016								<0.04	<0.04
3/11/2016	<0.04	<0.04							
3/28/2016				<0.04	<0.04				
5/3/2016								<0.04	<0.04
5/4/2016						<0.04	<0.04		
5/13/2016	<0.04	<0.04							
5/23/2016				<0.04					
5/25/2016					<0.04				
7/7/2016						0.0096 (J)			
7/8/2016							0.009 (J)	<0.04	
7/11/2016									<0.04
7/19/2016	<0.04 (*)	<0.04 (*)							
8/1/2016				<0.04	<0.04				
9/7/2016									<0.04
9/8/2016						0.0137 (J)	<0.04	<0.04	
9/16/2016	<0.04	0.0246 (J)							
9/26/2016				<0.04	<0.04				
10/26/2016						0.0247 (J)	0.0077 (J)	0.0095 (J)	
10/27/2016									0.0148 (J)
11/2/2016	<0.04	0.0279 (J)							
11/10/2016				<0.04					
11/11/2016					0.0193 (J)				
1/6/2017						0.0082 (J)	0.0084 (J)		<0.04
1/9/2017								<0.04	
1/18/2017	<0.04	0.0336 (J)							
1/30/2017				<0.04	<0.04				
2/22/2017			0.022 (JD)						
3/15/2017						<0.04	<0.04		
3/16/2017								<0.04	<0.04
3/28/2017	<0.04	0.0313 (J)							
4/3/2017					<0.04				
4/7/2017			0.0082 (JD)	0.008 (J)					
5/17/2017							<0.04		
5/18/2017						0.0076 (J)			
5/19/2017								<0.04	<0.04
6/6/2017	<0.04 (*)	<0.04 (*)							
6/12/2017				<0.04	<0.04				
6/14/2017			0.008 (JD)						
7/12/2017			0.0082 (JD)						
7/19/2017						0.0193 (J)			
7/20/2017			0.0091 (JD)						
7/28/2017			<0.04 (D)						
8/9/2017			0.0071 (JD)						
8/24/2017			0.0062 (JD)						
9/15/2017							<0.04		
9/19/2017						0.0132 (J)		<0.04	<0.04
9/22/2017	<0.04	0.0294 (J)							
10/2/2017				<0.04	<0.04				
10/3/2017			0.006 (JD)						
3/13/2018						0.013 (J)	0.0084 (J)	<0.04	<0.04
3/14/2018	<0.04								

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/15/2018		0.018 (J)							
3/16/2018				<0.04	<0.04				
3/21/2018			0.0062 (J)						
9/6/2018							<0.04		
9/7/2018						<0.04			
9/11/2018								<0.04	<0.04
9/12/2018	<0.04	0.018 (J)							
9/17/2018				<0.04					
9/18/2018			0.0096 (J)		<0.04				
3/7/2019							<0.04		
3/8/2019						0.0085 (J)		<0.04	
3/12/2019									<0.04
3/13/2019	<0.04	0.012 (X)							
3/19/2019				<0.04	<0.04				
3/21/2019			0.0066 (JD)						
9/4/2019						0.01 (J)	<0.04		
9/5/2019								<0.04	<0.04
9/11/2019	0.0059 (X)	0.021 (X)							
9/12/2019			0.012 (JD)		<0.04				
9/13/2019				<0.04					
3/2/2020							0.007 (J)		
3/3/2020						0.0096 (J)			
3/4/2020								0.0064 (J)	<0.04
3/9/2020	<0.04	0.017 (J)							
3/11/2020				0.0063 (J)	0.007 (J)				
3/12/2020			0.014 (J)						
9/3/2020							<0.04		
9/8/2020								0.0072 (J)	<0.04
9/9/2020						0.0054 (J)			
9/11/2020	<0.04								
9/14/2020		0.018 (J)							
9/15/2020					<0.04				
9/16/2020				<0.04					
9/17/2020			0.015 (J)						
2/24/2021							0.0099 (J)		
2/25/2021						0.0052 (J)			
2/26/2021								<0.04	<0.04
3/11/2021	<0.04	0.017 (J)							
3/16/2021			0.0092 (J)						
3/17/2021				<0.04	<0.04				
7/27/2021							0.021 (J)		
7/28/2021						<0.04			
7/29/2021								<0.04	<0.04
8/5/2021		0.0098 (J)							
8/6/2021	<0.04								
8/9/2021				<0.04	<0.04				
8/10/2021			0.01 (J)						
1/25/2022							<0.04		
1/26/2022						0.0088 (J)		<0.04	<0.04
1/31/2022	<0.04	0.011 (J)							
2/1/2022				<0.04					
2/2/2022					<0.04				

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
2/3/2022			<0.04						
8/5/2022							<0.04		
8/8/2022								<0.04	<0.04
8/9/2022						<0.04			
8/10/2022		0.01 (J)							
8/11/2022	<0.04								
8/16/2022				<0.04					
8/17/2022			<0.04		<0.04				
2/13/2023		<0.04							
2/14/2023	<0.04								
2/16/2023				<0.04	<0.04				
2/17/2023			<0.04						
7/25/2023	<0.04	0.012 (J)							
7/28/2023			<0.04	<0.04	<0.04				
2/20/2024	0.02 (J)	<0.04							
2/22/2024				<0.04	<0.04				
2/27/2024			<0.04						
8/2/2024	<0.04	0.015 (J)							
8/8/2024			<0.04	<0.04	<0.04				
2/25/2025	<0.04	0.011 (J)							
2/27/2025				<0.04					
2/28/2025			0.0067 (J)		<0.04				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
2/29/2016	
3/2/2016	<0.04
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	<0.04
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	0.0046 (J)
7/11/2016	
7/19/2016	
8/1/2016	
9/7/2016	
9/8/2016	0.0081 (J)
9/16/2016	
9/26/2016	
10/26/2016	0.0088 (J)
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	<0.04
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	<0.04
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
5/17/2017	
5/18/2017	<0.04
5/19/2017	
6/6/2017	
6/12/2017	
6/14/2017	
7/12/2017	
7/19/2017	
7/20/2017	
7/28/2017	
8/9/2017	
8/24/2017	
9/15/2017	<0.04
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	0.0053 (J)
3/14/2018	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	<0.04
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<0.04
3/8/2019	
3/12/2019	
3/13/2019	
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	<0.04
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	0.0084 (J)
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	<0.04
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	<0.04
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	<0.04
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	<0.04
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
2/3/2022	
8/5/2022	<0.04
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/2/2016	<0.04								
3/3/2016		<0.04	<0.04	<0.04					
3/4/2016					<0.04				
3/7/2016						<0.04	<0.04	<0.04	
3/8/2016									<0.04
5/3/2016	<0.04	<0.04							
5/5/2016						<0.04	<0.04		
5/9/2016			<0.04					<0.04	<0.04
5/10/2016				<0.04	<0.04				
7/11/2016	0.0054 (J)	0.0047 (J)	0.0128 (J)						
7/13/2016				0.0297 (J)		0.0047 (J)	0.0159 (J)		
7/14/2016					0.0069 (J)			0.0045 (J)	<0.04
7/15/2016									
9/9/2016	<0.04	<0.04	0.0158 (J)						
9/12/2016							<0.04	<0.04	<0.04
9/13/2016						<0.04			
9/14/2016					<0.04				
9/15/2016				<0.04					
10/26/2016	0.0144 (J)		0.0257 (J)						
10/27/2016		0.0108 (J)							
10/31/2016						0.0111 (J)		0.0086 (J)	0.007 (J)
11/1/2016					<0.04		<0.04		
11/2/2016				<0.04					
1/9/2017	<0.04	<0.04	0.0219 (J)						
1/11/2017				<0.04	0.0078 (J)		<0.04	<0.04	
1/12/2017						<0.04			<0.04
3/15/2017			0.0253 (J)						
3/16/2017	<0.04	<0.04							
3/20/2017				0.0092 (J)			<0.04		
3/21/2017					<0.04			<0.04	
3/22/2017									<0.04
3/23/2017						<0.04			
5/18/2017	<0.04	<0.04	0.0249 (J)						
5/22/2017							0.0452	<0.04	<0.04
5/23/2017				<0.04	<0.04	<0.04			
9/15/2017	<0.04		<0.04						
9/18/2017		<0.04							
9/19/2017									<0.04
9/20/2017								<0.04	
9/21/2017				<0.04			<0.04		
9/22/2017					<0.04				
9/25/2017						<0.04			
3/12/2018	0.0055 (J)	0.0041 (J)							
3/13/2018			0.024 (J)						
3/14/2018				0.0065 (J)	0.0051 (J)	<0.04	<0.04	0.0076 (J)	<0.04
9/7/2018	<0.04	<0.04	0.024 (J)	<0.04			<0.04		
9/10/2018								<0.04	<0.04
9/11/2018					<0.04	<0.04			
3/7/2019		<0.04	0.02 (J)						
3/8/2019	0.0056 (J)								
3/11/2019				0.013 (J)					
3/12/2019					0.0099 (J)	<0.04	<0.04	<0.04	0.0045 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/4/2019			0.015 (J)						
9/5/2019	<0.04	<0.04							
9/6/2019							<0.04		0.02365 (JD)
9/9/2019				<0.04		<0.04		<0.04	
9/10/2019					<0.04				
3/3/2020	0.01 (J)								
3/4/2020		0.0063 (J)	0.022 (J)	0.027 (J)				<0.04	
3/5/2020					<0.04		<0.04		<0.04
3/6/2020						<0.04			
9/4/2020	0.0053 (J)	<0.04	0.015 (J)						<0.04
9/8/2020									
9/9/2020				0.012 (J)	<0.04	<0.04	<0.04	<0.04	
2/25/2021	0.0075 (J)	0.0055 (J)	0.017 (J)						
2/26/2021						<0.04	<0.04	<0.04	
3/9/2021				0.028 (J)					<0.04
3/10/2021					<0.04				
7/28/2021	<0.04	<0.04	0.016 (J)						
7/29/2021						<0.04	<0.04		
7/30/2021				0.017 (J)	<0.04				
8/2/2021									<0.04
8/5/2021								<0.04	
1/26/2022	<0.04		0.014 (J)						
1/27/2022		<0.04					<0.04	<0.04	<0.04
1/28/2022				0.021 (J)	<0.04	<0.04			
8/5/2022			0.015 (J)						
8/8/2022	<0.04	<0.04							
8/9/2022								<0.04	<0.04
8/10/2022						<0.04	<0.04		
8/11/2022				0.013 (J)	<0.04				
2/9/2023						<0.04	<0.04	<0.04	
2/10/2023				0.02 (J)	<0.04				<0.04
8/3/2023					0.014 (J)	<0.04			<0.04
8/4/2023				<0.04			<0.04	<0.04	
2/14/2024						<0.04	<0.04	<0.04	
2/15/2024				0.013 (J)	<0.04				<0.04
7/31/2024				<0.04	<0.04	<0.04	<0.04	<0.04	
8/1/2024									<0.04
8/2/2024									
2/19/2025							<0.04		
2/20/2025						<0.04		<0.04	<0.04
2/25/2025				0.0083 (J)	<0.04				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	<0.04
5/3/2016	
5/5/2016	
5/9/2016	<0.04
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	<0.04
9/9/2016	<0.04
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	
10/26/2016	
10/27/2016	0.0103 (J)
10/31/2016	
11/1/2016	
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	<0.04
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	<0.04
3/22/2017	
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	<0.04
9/15/2017	
9/18/2017	
9/19/2017	<0.04
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
3/12/2018	
3/13/2018	
3/14/2018	0.0053 (J)
9/7/2018	
9/10/2018	<0.04
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	0.005 (J)
3/12/2019	

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/4/2019	
9/5/2019	
9/6/2019	<0.04
9/9/2019	
9/10/2019	
3/3/2020	0.0096 (J)
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	0.014 (J)
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	0.015 (J)
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	0.017 (J)
8/5/2021	
1/26/2022	
1/27/2022	
1/28/2022	0.011 (J)
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	<0.04
8/11/2022	
2/9/2023	0.012 (J)
2/10/2023	
8/3/2023	
8/4/2023	<0.04
2/14/2024	
2/15/2024	<0.04
7/31/2024	
8/1/2024	
8/2/2024	<0.04
2/19/2025	
2/20/2025	
2/25/2025	<0.04

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
3/1/2016						<0.04	<0.04	
3/2/2016								<0.04
3/4/2016			<0.04					
3/7/2016	<0.04							
3/8/2016				<0.04				
3/9/2016		<0.04						
5/2/2016						<0.04		
5/3/2016							<0.04	<0.04
5/4/2016				<0.04				
5/5/2016	<0.04		<0.04					
5/6/2016		0.0271 (J)						
7/6/2016						0.0059 (J)		
7/7/2016								<0.04
7/8/2016							0.0067 (J)	
7/12/2016			0.005 (J)					
7/14/2016	0.0047 (J)							
7/15/2016		0.0055 (J)						
7/18/2016				<0.04				
9/7/2016						<0.04	0.0084 (J)	
9/8/2016								<0.04
9/12/2016	<0.04							
9/13/2016			<0.04	<0.04				
9/14/2016		0.0094 (J)						
10/25/2016						0.0077 (J)	0.0089 (J)	<0.04
10/27/2016	0.0153 (J)		0.0093 (J)	0.0162 (J)				
11/1/2016		0.008 (J)						
1/5/2017						0.0074 (J)		
1/6/2017							<0.04	
1/13/2017	<0.04		<0.04	<0.04				
1/25/2017		<0.04						
2/9/2017								<0.04
3/14/2017						0.0062 (J)	<0.04	
3/16/2017				<0.04				
3/20/2017	<0.04		<0.04					
3/22/2017		<0.04						
3/23/2017								<0.04
5/16/2017						<0.04	<0.04	
5/17/2017								<0.04
5/19/2017			<0.04	<0.04				
5/23/2017	<0.04							
5/24/2017		0.0133 (J)						
9/15/2017						<0.04	<0.04	
9/19/2017	<0.04		<0.04	<0.04				<0.04
9/21/2017		<0.04						
3/12/2018						0.0082 (J)	0.004 (J)	
3/13/2018	<0.04		0.0042 (J)	<0.04				<0.04
3/14/2018		0.0056 (J)						
9/6/2018						<0.04	<0.04	<0.04
9/7/2018	<0.04							
9/11/2018		<0.04	<0.04	<0.04				
3/6/2019							<0.04	
3/7/2019						0.0049 (J)		<0.04

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
3/8/2019			<0.04	<0.04				
3/11/2019	<0.04							
3/12/2019		0.0047 (J)						
9/4/2019						<0.04	<0.04	<0.04
9/5/2019	<0.04		<0.04	<0.04				
9/6/2019		<0.04						
3/2/2020						0.014 (J)	0.0052 (J)	<0.04
3/3/2020	0.0066 (J)		<0.04	<0.04				
3/5/2020		<0.04						
9/3/2020							<0.04	<0.04
9/4/2020				<0.04				
9/8/2020	0.0084 (J)							
9/9/2020		<0.04	<0.04					
9/14/2020						0.0065 (J)		
2/24/2021							<0.04	<0.04
3/9/2021	0.0058 (J)		<0.04	<0.04				
3/10/2021		<0.04						
3/26/2021						0.019 (J)		
7/27/2021						0.013 (J)		
7/28/2021							<0.04	<0.04
7/29/2021			<0.04					
7/30/2021		<0.04						
8/2/2021	<0.04			<0.04				
1/25/2022								<0.04
1/26/2022						0.012 (J)	<0.04	
1/27/2022	<0.04			<0.04				
1/28/2022		<0.04	<0.04					
4/6/2022					0.032 (J)			
8/5/2022								0.009 (J)
8/8/2022					0.023 (J)	0.018 (J)	<0.04	
8/9/2022			<0.04	<0.04				
8/10/2022	<0.04							
8/11/2022		<0.04						
2/8/2023					0.028 (J)	0.023 (J)	<0.04	<0.04
2/9/2023	<0.04		<0.04	<0.04				
2/10/2023		<0.04						
8/2/2023					0.0091 (J)		<0.04	<0.04
8/3/2023	<0.04	<0.04	<0.04	<0.04		0.018 (J)		
2/13/2024					0.034 (J)	0.026 (J)	<0.04	<0.04
2/15/2024	<0.04		<0.04					
2/16/2024		<0.04		<0.04				
7/30/2024					0.021 (J)	0.014 (J)	<0.04	<0.04
7/31/2024	<0.04	<0.04	<0.04	<0.04				
2/19/2025					0.023 (J)	0.019 (J)	<0.04	<0.04
2/20/2025	<0.04							
2/24/2025			<0.04					
2/25/2025		<0.04		<0.04				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/23/2007	<0.0005	<0.0005	<0.0005			<0.0005			
10/23/2007	<0.0005								
10/24/2007		<0.0005	<0.0005						
11/2/2007						<0.0005			
11/18/2007	<0.0005	<0.0005	<0.0005			<0.0005			
1/30/2008	<0.0005								
1/31/2008		<0.0005	<0.0005			<0.0005			
3/10/2008	<0.0005		<0.0005						
3/11/2008		<0.0005				<0.0005			
5/6/2008		<0.0005							
5/13/2008	<0.0005		<0.0005						
5/14/2008						<0.0005			
12/4/2008		<0.0005	<0.0005						
12/5/2008	<0.0005					<0.0005			
4/15/2009	<0.0005					<0.0005			
4/21/2009		<0.0005	<0.0005						
10/7/2009	<0.0005	<0.0005							
10/8/2009			<0.0005			<0.0005			
4/21/2010			<0.0005						
4/26/2010		<0.0005							
4/28/2010						<0.0005			
5/3/2010	<0.0005								
9/28/2010			<0.0005						
10/4/2010		<0.0005							
10/6/2010						<0.0005			
10/12/2010	<0.0005								
4/12/2011			<0.0005						
4/13/2011		<0.0005							
4/21/2011						<0.0005			
4/27/2011	<0.0005								
10/4/2011			<0.0005						
10/5/2011		<0.0005							
10/13/2011						<0.0005			
10/17/2011	<0.0005								
4/3/2012			<0.0005						
4/11/2012		<0.0005							
5/1/2012						<0.0005			
5/2/2012	<0.0005								
10/8/2012	<0.0005								
10/9/2012		<0.0005	<0.0005			<0.0005			
4/11/2013			<0.0005			<0.0005			
4/12/2013	<0.0005								
4/15/2013		<0.0005							
10/15/2013		<0.0005							
10/16/2013	<0.0005		<0.0005			<0.0005			
4/10/2014			<0.0005						
4/11/2014	<0.0005								
4/22/2014		<0.0005							
4/23/2014						<0.0005			
9/30/2014	<0.0005	<0.0005	<0.0005						
10/4/2014						<0.0005			
3/30/2015	<0.0005	<0.0005	<0.0005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/31/2015						<0.0005			
10/12/2015						<0.0005			
10/13/2015	0.0003 (J)	<0.0005	<0.0005						
3/11/2016									
3/14/2016					0.000188 (J)				
3/15/2016							<0.0005	<0.0005	<0.0005
3/22/2016	<0.0005								
3/23/2016		<0.0005	<0.0005			<0.0005			
5/11/2016					0.000177 (J)		<0.0005		
5/12/2016								<0.0005	
5/13/2016									<0.0005
5/16/2016				<0.0005 (D)					
5/19/2016	<0.0005		<0.0005						
5/20/2016		<0.0005							
5/23/2016						<0.0005			
7/19/2016					0.0001 (J)				
7/20/2016								<0.0005	
7/21/2016							<0.0005		<0.0005
7/22/2016									
7/27/2016				0.0001 (JD)					
7/29/2016	<0.0005	<0.0005	<0.0005			<0.0005			
9/15/2016					8E-05 (J)		<0.0005	<0.0005	
9/19/2016									
9/21/2016									<0.0005
9/22/2016			<0.0005			<0.0005			
9/23/2016	<0.0005	<0.0005							
11/2/2016					<0.0005				
11/3/2016							<0.0005	<0.0005	<0.0005
11/9/2016	<0.0005	<0.0005							
11/10/2016			<0.0005			<0.0005			
1/17/2017							<0.0005		<0.0005
1/18/2017					<0.0005			<0.0005	
1/30/2017	<0.0005								
1/31/2017		<0.0005	<0.0005			<0.0005			
2/21/2017				<0.0005					
3/24/2017							<0.0005	<0.0005	
3/27/2017				<0.0005 (D)					<0.0005
3/28/2017					<0.0005				
3/30/2017	<0.0005	<0.0005				<0.0005			
4/3/2017			<0.0005						
5/24/2017							<0.0005		
6/6/2017								<0.0005	<0.0005
6/7/2017					<0.0005				
6/8/2017				<0.0005 (D)					
6/9/2017	<0.0005		<0.0005						
6/12/2017		<0.0005				<0.0005			
7/17/2017				<0.0005 (D)					
7/27/2017				<0.0005					
8/9/2017				<0.0005					
9/25/2017								<0.0005	<0.0005
9/26/2017					<0.0005		<0.0005		
9/29/2017				<0.0005 (D)					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
10/2/2017	<0.0005	<0.0005	<0.0005						
10/4/2017						<0.0005			
3/14/2018					<0.0005		<0.0005	<0.0005	<0.0005
3/16/2018	<0.0005		<0.0005	<0.0005					
3/19/2018		<0.0005				<0.0005			
9/12/2018					<0.0005		<0.0005	<0.0005	<0.0005
9/14/2018		<0.0005	<0.0005	<0.0005					
9/17/2018	0.00076 (JD)					<0.0005			
3/13/2019							<0.0005		
3/14/2019				<0.0005				<0.0005	<0.0005
3/15/2019					<0.0005				
3/19/2019			<0.0005						
3/20/2019	<0.0005	<0.0005				<0.0005			
9/9/2019					<0.0005		<0.0005		
9/10/2019								<0.0005 (D)	<0.0005
9/12/2019	<0.0005	<0.0005 (D)							
9/13/2019			<0.0005			<0.0005			
3/6/2020								<0.0005	
3/9/2020				<0.0005	<0.0005		<0.0005		<0.0005
3/11/2020	<0.0005	<0.0005	<0.0005			<0.0005			
9/10/2020					<0.0005			<0.0005	<0.0005
9/11/2020							<0.0005		
9/15/2020	<0.0005	<0.0005	<0.0005						
9/16/2020				<0.0005					
3/10/2021							<0.0005		<0.0005
3/11/2021								<0.0005	
3/12/2021					<0.0005				
3/16/2021	<0.0005		<0.0005	<0.0005					
3/17/2021		<0.0005							
3/29/2021						<0.0005			
8/4/2021					<0.0005		<0.0005	<0.0005	<0.0005
8/6/2021				<0.0005					
8/9/2021	<0.0005	<0.0005	<0.0005			<0.0005			
1/31/2022					<0.0005		<0.0005	<0.0005	<0.0005
2/1/2022	<0.0005	<0.0005	<0.0005						
2/2/2022				<0.0005		<0.0005			
8/10/2022					<0.0005				
8/11/2022								<0.0005	<0.0005
8/12/2022							<0.0005		
8/16/2022	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005			
2/13/2023					<0.0005		<0.0005	<0.0005	<0.0005
2/14/2023				<0.0005					
2/16/2023	<0.0005	<0.0005	<0.0005						
2/17/2023						<0.0005			
7/25/2023				<0.0005				<0.0005	<0.0005
7/26/2023					<0.0005		<0.0005		
7/27/2023	<0.0005	<0.0005	<0.0005						
8/1/2023						<0.0005			
2/19/2024				<0.0005	<0.0005		<0.0005	<0.0005	<0.0005
2/20/2024									
2/22/2024	<0.0005	<0.0005				<0.0005			
2/26/2024			<0.0005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/1/2024				<0.0005	<0.0005		<0.0005	<0.0005	<0.0005
8/6/2024			<0.0005						
8/7/2024	<0.0005	<0.0005							
8/8/2024						<0.0005			
2/25/2025					<0.0005		<0.0005	<0.0005	<0.0005
2/26/2025				<0.0005		<0.0005			
2/27/2025	<0.0005	<0.0005	<0.0005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/23/2007	
10/23/2007	
10/24/2007	
11/2/2007	
11/18/2007	
1/30/2008	
1/31/2008	
3/10/2008	
3/11/2008	
5/6/2008	
5/13/2008	
5/14/2008	
12/4/2008	
12/5/2008	
4/15/2009	
4/21/2009	
10/7/2009	
10/8/2009	
4/21/2010	
4/26/2010	
4/28/2010	
5/3/2010	
9/28/2010	
10/4/2010	
10/6/2010	
10/12/2010	
4/12/2011	
4/13/2011	
4/21/2011	
4/27/2011	
10/4/2011	
10/5/2011	
10/13/2011	
10/17/2011	
4/3/2012	
4/11/2012	
5/1/2012	
5/2/2012	
10/8/2012	
10/9/2012	
4/11/2013	
4/12/2013	
4/15/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/11/2014	
4/22/2014	
4/23/2014	
9/30/2014	
10/4/2014	
3/30/2015	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/31/2015	
10/12/2015	
10/13/2015	
3/11/2016	0.000121 (J)
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	0.000145 (J)
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	<0.0005
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	0.0001 (J)
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	8E-05 (J)
11/9/2016	
11/10/2016	
1/17/2017	0.0001 (J)
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	0.0002 (J)
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	0.0001 (J)
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/27/2017	
8/9/2017	
9/25/2017	
9/26/2017	<0.0005
9/29/2017	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
10/2/2017	
10/4/2017	
3/14/2018	0.00011 (J)
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	0.00013 (J)
9/17/2018	
3/13/2019	
3/14/2019	0.00013 (J)
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	0.00014 (J)
9/12/2019	
9/13/2019	
3/6/2020	0.00014 (J)
3/9/2020	
3/11/2020	
9/10/2020	0.00015 (J)
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	0.00017 (J)
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	0.00014 (J)
8/6/2021	
8/9/2021	
1/31/2022	0.00018 (J)
2/1/2022	
2/2/2022	
8/10/2022	0.00034 (J)
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	<0.0005
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	0.00013 (J)
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	0.00016 (J)
2/22/2024	
2/26/2024	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/1/2024	0.00016 (J)
8/6/2024	
8/7/2024	
8/8/2024	
2/25/2025	0.00016 (J)
2/26/2025	
2/27/2025	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
12/12/2008				<0.0005	<0.0005				
4/23/2009				<0.0005	<0.0005				
10/6/2009				<0.0005	<0.0005				
4/27/2010				<0.0005					
5/3/2010					<0.0005				
9/30/2010				<0.0005					
10/11/2010					<0.0005				
4/14/2011				<0.0005					
4/27/2011					<0.0005				
10/5/2011				<0.0005					
10/19/2011					<0.0005				
4/11/2012				<0.0005					
5/1/2012					<0.0005				
10/2/2012				<0.0005	<0.0005				
4/9/2013				<0.0005					
4/10/2013					<0.0005				
10/15/2013				<0.0005					
10/16/2013					<0.0005				
4/10/2014				<0.0005					
4/22/2014					<0.0005				
10/1/2014				<0.0005	<0.0005				
3/30/2015				<0.0005	<0.0005				
5/8/2015						<0.0005	<0.0005		<0.0005
5/9/2015								<0.0005	
5/17/2015						0.00029 (J)	<0.0005		<0.0005
5/18/2015								<0.0005	
5/25/2015						<0.0005	<0.0005	<0.0005	<0.0005
6/8/2015						<0.0005	<0.0005	<0.0005	<0.0005
6/9/2015									
6/17/2015								<0.0005	
6/18/2015						<0.0005	<0.0005		<0.0005
6/24/2015						<0.0005	<0.0005	<0.0005	<0.0005
6/25/2015									
6/30/2015						<0.0005	<0.0005	<0.0005	<0.0005
7/1/2015									
7/6/2015						<0.0005	<0.0005	<0.0005	<0.0005
7/7/2015									
8/12/2015						<0.0005	<0.0005	<0.0005	<0.0005
10/11/2015				0.00026 (J)	<0.0005				
2/29/2016							<0.0005		
3/2/2016								<0.0005	<0.0005
3/11/2016	<0.0005	<0.0005							
3/28/2016				<0.0005	<0.0005				
5/3/2016								<0.0005	<0.0005
5/4/2016						<0.0005	<0.0005		
5/13/2016	<0.0005	<0.0005							
5/23/2016				<0.0005					
5/25/2016					<0.0005				
7/7/2016						<0.0005			
7/8/2016							<0.0005	<0.0005	
7/11/2016									<0.0005
7/19/2016	<0.0005	<0.0005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
8/1/2016				<0.0005	<0.0005				
9/7/2016									<0.0005
9/8/2016						<0.0005	<0.0005	<0.0005	
9/16/2016	<0.0005	<0.0005							
9/26/2016				<0.0005	<0.0005				
10/26/2016						<0.0005	<0.0005	<0.0005	
10/27/2016									<0.0005
11/2/2016	<0.0005	<0.0005							
11/10/2016				<0.0005					
11/11/2016					<0.0005				
1/6/2017						<0.0005	<0.0005		<0.0005
1/9/2017								<0.0005	
1/18/2017	<0.0005	<0.0005							
1/30/2017				<0.0005	<0.0005				
2/22/2017			<0.0005						
3/15/2017						0.00055 (JD)	<0.0005		
3/16/2017								<0.0005	<0.0005
3/28/2017	<0.0005	<0.0005							
4/3/2017					<0.0005				
4/7/2017			<0.0005	<0.0005					
5/17/2017							<0.0005		
5/18/2017						<0.0005 (D)			
5/19/2017								<0.0005	<0.0005
6/6/2017	8E-05 (J)	<0.0005							
6/12/2017				<0.0005	<0.0005				
6/14/2017			<0.0005 (D)						
7/12/2017			<0.0005 (D)						
7/19/2017						<0.0005 (D)			
7/20/2017			<0.0005 (D)						
7/28/2017			<0.0005						
8/9/2017			<0.0005						
8/24/2017			<0.0005						
9/15/2017							<0.0005		
9/19/2017						<0.0005 (D)		<0.0005	<0.0005
9/22/2017	<0.0005	<0.0005							
10/2/2017				<0.0005	<0.0005				
10/3/2017			<0.0005 (D)						
3/13/2018						<0.0005	<0.0005	<0.0005	<0.0005
3/14/2018	<0.0005								
3/15/2018		<0.0005							
3/16/2018				<0.0005	<0.0005				
3/21/2018			<0.0005						
9/6/2018							<0.0005		
9/7/2018						<0.0005			
9/11/2018								<0.0005	<0.0005
9/12/2018	<0.0005	<0.0005							
9/17/2018				<0.0005					
9/18/2018			<0.0005		<0.0005				
3/7/2019							<0.0005		
3/8/2019						<0.0005		<0.0005	
3/12/2019									<0.0005
3/13/2019	<0.0005	<0.0005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/19/2019				<0.0005	<0.0005				
3/21/2019			<0.0005 (D)						
9/4/2019						<0.0005	<0.0005		
9/5/2019								<0.0005	<0.0005
9/11/2019	<0.0005	<0.0005							
9/12/2019			<0.0005 (D)		<0.0005				
9/13/2019				<0.0005					
3/2/2020							<0.0005		
3/3/2020						<0.0005			
3/4/2020								<0.0005	<0.0005
3/9/2020	<0.0005	<0.0005							
3/11/2020				<0.0005	<0.0005				
3/12/2020			<0.0005						
9/3/2020							<0.0005		
9/8/2020								<0.0005	<0.0005
9/9/2020						<0.0005			
9/11/2020	<0.0005								
9/14/2020		<0.0005							
9/15/2020					<0.0005				
9/16/2020				<0.0005					
9/17/2020			<0.0005						
2/24/2021							<0.0005		
2/25/2021						<0.0005			
2/26/2021								<0.0005	<0.0005
3/11/2021	<0.0005	<0.0005							
3/16/2021			<0.0005						
3/17/2021				0.00012 (J)	<0.0005				
7/27/2021							<0.0005		
7/28/2021						<0.0005			
7/29/2021								<0.0005	<0.0005
8/5/2021		<0.0005							
8/6/2021	<0.0005								
8/9/2021				<0.0005	<0.0005				
8/10/2021			<0.0005						
1/25/2022							<0.0005		
1/26/2022						<0.0005		<0.0005	<0.0005
1/31/2022	<0.0005	<0.0005							
2/1/2022				<0.0005					
2/2/2022					<0.0005				
2/3/2022			<0.0005						
8/5/2022							<0.0005		
8/8/2022								0.0004 (J)	0.00022 (J)
8/9/2022						<0.0005			
8/10/2022		<0.0005							
8/11/2022	<0.0005								
8/16/2022				<0.0005					
8/17/2022			<0.0005		<0.0005				
2/13/2023		<0.0005							
2/14/2023	<0.0005								
2/16/2023				<0.0005	<0.0005				
2/17/2023			<0.0005						
7/25/2023	<0.0005	<0.0005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
7/28/2023			<0.0005	<0.0005	<0.0005				
2/20/2024	<0.0005	<0.0005							
2/22/2024				<0.0005	<0.0005				
2/27/2024			<0.0005						
8/2/2024	<0.0005	<0.0005							
8/8/2024			<0.0005	<0.0005	<0.0005				
2/25/2025	<0.0005	<0.0005							
2/27/2025				<0.0005					
2/28/2025			<0.0005		<0.0005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
12/12/2008	
4/23/2009	
10/6/2009	
4/27/2010	
5/3/2010	
9/30/2010	
10/11/2010	
4/14/2011	
4/27/2011	
10/5/2011	
10/19/2011	
4/11/2012	
5/1/2012	
10/2/2012	
4/9/2013	
4/10/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/22/2014	
10/1/2014	
3/30/2015	
5/8/2015	
5/9/2015	<0.0005
5/17/2015	
5/18/2015	<0.0005
5/25/2015	<0.0005
6/8/2015	
6/9/2015	<0.0005
6/17/2015	<0.0005
6/18/2015	
6/24/2015	
6/25/2015	<0.0005
6/30/2015	
7/1/2015	<0.0005
7/6/2015	
7/7/2015	<0.0005
8/12/2015	<0.0005
10/11/2015	
2/29/2016	
3/2/2016	<0.0005
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	<0.0005
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	<0.0005
7/11/2016	
7/19/2016	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
8/1/2016	
9/7/2016	
9/8/2016	<0.0005
9/16/2016	
9/26/2016	
10/26/2016	<0.0005
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	<0.0005
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	<0.0005
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
5/17/2017	
5/18/2017	<0.0005
5/19/2017	
6/6/2017	
6/12/2017	
6/14/2017	
7/12/2017	
7/19/2017	
7/20/2017	
7/28/2017	
8/9/2017	
8/24/2017	
9/15/2017	<0.0005
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	<0.0005
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	<0.0005
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<0.0005
3/8/2019	
3/12/2019	
3/13/2019	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	<0.0005
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	<0.0005
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	<0.0005
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	<0.0005
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	<0.0005
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	<0.0005
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	
8/5/2022	<0.0005
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014				<0.0005					
9/17/2014					<0.0005	<0.0005	<0.0005	<0.0005	
9/18/2014									<0.0005
10/4/2014				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
10/5/2014									<0.0005
10/21/2014				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
10/22/2014									<0.0005
11/5/2014						<0.0005		<0.0005	<0.0005
11/11/2014				<0.0005	<0.0005		<0.0005		
3/3/2015				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
3/4/2015									<0.0005
3/18/2015				<0.0005	<0.0005	<0.0005	<0.0005		
3/19/2015								<0.0005	<0.0005
4/6/2015				<0.0005	<0.0005				
4/7/2015						<0.0005	<0.0005	<0.0005	<0.0005
4/8/2015									
4/23/2015				<0.0005	<0.0005	<0.0005	<0.0005		
4/24/2015								<0.0005	<0.0005
5/9/2015	<0.0005	<0.0005	<0.0005						
5/18/2015	<0.0005	<0.0005							
5/19/2015			<0.0005						
5/26/2015	<0.0005	<0.0005	<0.0005						
6/9/2015	<0.0005	<0.0005	<0.0005						
6/17/2015	<0.0005	<0.0005	<0.0005						
6/25/2015	<0.0005	<0.0005	<0.0005						
7/1/2015	<0.0005	<0.0005	<0.0005						
7/7/2015	<0.0005	<0.0005	<0.0005						
7/29/2015				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
7/30/2015									<0.0005
8/13/2015	<0.0005	<0.0005	<0.0005						
3/2/2016	<0.0005								
3/3/2016		<0.0005	<0.0005	<0.0005					
3/4/2016					<0.0005				
3/7/2016						<0.0005	<0.0005	<0.0005	
3/8/2016									<0.0005
5/3/2016	<0.0005	<0.0005							
5/5/2016						<0.0005	<0.0005		
5/9/2016			<0.0005					<0.0005	<0.0005
5/10/2016				<0.0005	<0.0005				
7/11/2016	<0.0005	<0.0005	<0.0005						
7/13/2016				<0.0005		<0.0005	<0.0005		
7/14/2016					<0.0005			<0.0005	<0.0005
7/15/2016									
9/9/2016	<0.0005	<0.0005	<0.0005						
9/12/2016							<0.0005	<0.0005	<0.0005
9/13/2016						<0.0005			
9/14/2016					<0.0005				
9/15/2016				<0.0005					
10/26/2016	<0.0005		<0.0005						
10/27/2016		<0.0005							
10/31/2016						8E-05 (J)		<0.0005	<0.0005
11/1/2016					<0.0005		<0.0005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
11/2/2016				<0.0005					
1/9/2017	<0.0005	<0.0005	<0.0005						
1/11/2017				<0.0005	<0.0005		<0.0005	<0.0005	
1/12/2017						<0.0005			<0.0005
3/15/2017			<0.0005						
3/16/2017	<0.0005	<0.0005							
3/20/2017				<0.0005			<0.0005		
3/21/2017					<0.0005			<0.0005	
3/22/2017									<0.0005
3/23/2017						<0.0005			
5/18/2017	<0.0005	<0.0005	<0.0005						
5/22/2017							<0.0005	<0.0005	<0.0005
5/23/2017				<0.0005	<0.0005	<0.0005			
9/15/2017	<0.0005		<0.0005						
9/18/2017		<0.0005							
9/19/2017									<0.0005
9/20/2017								<0.0005	
9/21/2017				<0.0005			<0.0005		
9/22/2017					<0.0005				
9/25/2017						<0.0005			
3/12/2018	<0.0005	<0.0005							
3/13/2018			<0.0005						
3/14/2018				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/7/2018	<0.0005	<0.0005	<0.0005	<0.0005			<0.0005		
9/10/2018								<0.0005	<0.0005
9/11/2018					<0.0005	<0.0005			
3/7/2019		<0.0005	<0.0005						
3/8/2019	<0.0005								
3/11/2019				<0.0005					
3/12/2019					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/4/2019			<0.0005						
9/5/2019	<0.0005	<0.0005							
9/6/2019							<0.0005		<0.0005
9/9/2019				<0.0005		<0.0005		<0.0005	
9/10/2019					<0.0005				
3/3/2020	<0.0005								
3/4/2020		<0.0005	<0.0005	<0.0005				<0.0005	
3/5/2020					<0.0005		<0.0005		<0.0005
3/6/2020						<0.0005			
9/4/2020	<0.0005	<0.0005	<0.0005						<0.0005
9/8/2020									
9/9/2020				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
2/25/2021	<0.0005	<0.0005	<0.0005						
2/26/2021						<0.0005	<0.0005	<0.0005	
3/9/2021				<0.0005					<0.0005
3/10/2021					<0.0005				
7/28/2021	<0.0005	<0.0005	<0.0005						
7/29/2021						<0.0005	<0.0005		
7/30/2021				<0.0005	<0.0005				
8/2/2021									<0.0005
8/5/2021								<0.0005	
1/26/2022	<0.0005		<0.0005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
1/27/2022		<0.0005					<0.0005	<0.0005	<0.0005
1/28/2022				<0.0005	<0.0005	<0.0005			
8/5/2022			<0.0005						
8/8/2022	<0.0005	<0.0005							
8/9/2022								<0.0005	<0.0005
8/10/2022						<0.0005	<0.0005		
8/11/2022				<0.0005	<0.0005				
2/9/2023						<0.0005	<0.0005	<0.0005	
2/10/2023				<0.0005	<0.0005				<0.0005
8/3/2023					<0.0005	<0.0005			<0.0005
8/4/2023				<0.0005			<0.0005	<0.0005	
2/14/2024						<0.0005	<0.0005	<0.0005	
2/15/2024				<0.0005	<0.0005				<0.0005
7/31/2024				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
8/1/2024									<0.0005
8/2/2024									
2/19/2025							<0.0005		
2/20/2025						<0.0005		<0.0005	<0.0005
2/25/2025				<0.0005	<0.0005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/16/2014	
9/17/2014	
9/18/2014	<0.0005
10/4/2014	
10/5/2014	<0.0005
10/21/2014	
10/22/2014	<0.0005
11/5/2014	<0.0005
11/11/2014	
3/3/2015	
3/4/2015	<0.0005
3/18/2015	
3/19/2015	<0.0005
4/6/2015	
4/7/2015	
4/8/2015	<0.0005
4/23/2015	
4/24/2015	<0.0005
5/9/2015	
5/18/2015	
5/19/2015	
5/26/2015	
6/9/2015	
6/17/2015	
6/25/2015	
7/1/2015	
7/7/2015	
7/29/2015	
7/30/2015	<0.0005
8/13/2015	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	<0.0005
5/3/2016	
5/5/2016	
5/9/2016	<0.0005
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	<0.0005
9/9/2016	<0.0005
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	
10/26/2016	
10/27/2016	<0.0005
10/31/2016	
11/1/2016	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	<0.0005
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	<0.0005
3/22/2017	
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	<0.0005
9/15/2017	
9/18/2017	
9/19/2017	<0.0005
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
3/12/2018	
3/13/2018	
3/14/2018	<0.0005
9/7/2018	
9/10/2018	0.00021 (J)
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	<0.0005
3/12/2019	
9/4/2019	
9/5/2019	
9/6/2019	<0.0005
9/9/2019	
9/10/2019	
3/3/2020	<0.0005
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	<0.0005
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	<0.0005
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	<0.0005
8/5/2021	
1/26/2022	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
1/27/2022	
1/28/2022	<0.0005
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	<0.0005
8/11/2022	
2/9/2023	<0.0005
2/10/2023	
8/3/2023	
8/4/2023	<0.0005
2/14/2024	
2/15/2024	<0.0005
7/31/2024	
8/1/2024	
8/2/2024	<0.0005
2/19/2025	
2/20/2025	
2/25/2025	<0.0005

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/15/2014						0.001 (J)		
9/16/2014			<0.0005	<0.0005			<0.0005	<0.0005
9/18/2014	<0.0005	<0.0005						
10/3/2014						<0.0005	<0.0005	<0.0005
10/4/2014			<0.0005	<0.0005				
10/5/2014	<0.0005	<0.0005						
10/20/2014						0.00036 (J)	<0.0005	<0.0005
10/22/2014	<0.0005	<0.0005						
10/23/2014			<0.0005	<0.0005				
11/5/2014	<0.0005	<0.0005						
11/10/2014			<0.0005	<0.0005		<0.0005	0.00026 (J)	<0.0005
3/2/2015						<0.0005	<0.0005	0.00035 (J)
3/4/2015	<0.0005	<0.0005	<0.0005	<0.0005				
3/17/2015						<0.0005	<0.0005	<0.0005
3/19/2015	<0.0005							
3/20/2015		<0.0005	<0.0005	<0.0005				
4/5/2015						<0.0005	<0.0005	
4/6/2015								<0.0005
4/8/2015	<0.0005	<0.0005	<0.0005					
4/9/2015				<0.0005				
4/21/2015						0.00044 (J)		
4/22/2015							<0.0005	<0.0005
4/23/2015		<0.0005	<0.0005	<0.0005				
4/24/2015	<0.0005							
7/28/2015						0.00027 (J)	<0.0005	<0.0005
7/30/2015	<0.0005	<0.0005	<0.0005	<0.0005				
3/1/2016						0.000207 (J)	0.000103 (J)	
3/2/2016								0.000109 (J)
3/4/2016			<0.0005					
3/7/2016	<0.0005							
3/8/2016				<0.0005				
3/9/2016		<0.0005						
5/2/2016						0.000154 (J)		
5/3/2016							<0.0005	<0.0005
5/4/2016				<0.0005				
5/5/2016	<0.0005		<0.0005					
5/6/2016		<0.0005						
7/6/2016						0.0002 (J)		
7/7/2016								<0.0005
7/8/2016							<0.0005	
7/12/2016			<0.0005					
7/14/2016	<0.0005							
7/15/2016		<0.0005						
7/18/2016				<0.0005				
9/7/2016						0.0002 (J)	<0.0005	
9/8/2016								0.0001 (J)
9/12/2016	<0.0005							
9/13/2016			<0.0005	<0.0005				
9/14/2016		<0.0005						
10/25/2016						0.0002 (J)	<0.0005	<0.0005
10/27/2016	<0.0005		<0.0005	<0.0005				
11/1/2016		<0.0005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/5/2017						<0.0005		
1/6/2017							<0.0005	
1/13/2017	8E-05 (J)		<0.0005	0.0001 (J)				
1/25/2017		<0.0005						
2/9/2017								0.0001 (J)
3/14/2017						<0.0005	<0.0005	
3/16/2017				<0.0005				
3/20/2017	<0.0005		<0.0005					
3/22/2017		<0.0005						
3/23/2017								0.0001 (J)
5/16/2017						0.0001 (J)	<0.0005	
5/17/2017								0.0001 (J)
5/19/2017			<0.0005	<0.0005				
5/23/2017	<0.0005							
5/24/2017		<0.0005						
9/15/2017						<0.0005	<0.0005	
9/19/2017	<0.0005		<0.0005	<0.0005				<0.0005
9/21/2017		<0.0005						
3/12/2018						0.00013 (J)	<0.0005	
3/13/2018	<0.0005		<0.0005	<0.0005				<0.0005
3/14/2018		<0.0005						
9/6/2018						0.00011 (J)	<0.0005	<0.0005
9/7/2018	<0.0005							
9/11/2018		<0.0005	<0.0005	<0.0005				
3/6/2019							9.3E-05 (J)	
3/7/2019						0.00017 (J)		<0.0005
3/8/2019			<0.0005	<0.0005				
3/11/2019	<0.0005							
3/12/2019		<0.0005						
9/4/2019						0.00016 (J)	<0.0005	<0.0005
9/5/2019	<0.0005		<0.0005	<0.0005				
9/6/2019		<0.0005						
3/2/2020						0.00018 (J)	<0.0005	<0.0005
3/3/2020	<0.0005		<0.0005	<0.0005				
3/5/2020		<0.0005						
9/3/2020							<0.0005	<0.0005
9/4/2020				<0.0005				
9/8/2020	<0.0005							
9/9/2020		<0.0005	<0.0005					
9/14/2020						0.00016 (J)		
2/24/2021							<0.0005	<0.0005
3/9/2021	<0.0005		<0.0005	<0.0005				
3/10/2021		<0.0005						
3/26/2021						0.00015 (J)		
7/27/2021						0.00014 (J)		
7/28/2021							0.00025 (J)	<0.0005
7/29/2021			<0.0005					
7/30/2021		<0.0005						
8/2/2021	<0.0005			<0.0005				
1/25/2022								<0.0005
1/26/2022						<0.0005	<0.0005	
1/27/2022	<0.0005			<0.0005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/28/2022		<0.0005	<0.0005					
4/6/2022					<0.0005			
8/5/2022								<0.0005
8/8/2022					<0.0005	0.00016 (J)	0.00032 (J)	
8/9/2022			<0.0005	<0.0005				
8/10/2022	<0.0005							
8/11/2022		<0.0005						
2/8/2023					<0.0005	<0.0005	<0.0005	<0.0005
2/9/2023	<0.0005		<0.0005	<0.0005				
2/10/2023		<0.0005						
8/2/2023					<0.0005		<0.0005	<0.0005
8/3/2023	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005		
2/13/2024					<0.0005	<0.0005	<0.0005	<0.0005
2/15/2024	<0.0005		<0.0005					
2/16/2024		<0.0005		<0.0005				
7/30/2024					<0.0005	<0.0005	<0.0005	<0.0005
7/31/2024	<0.0005	<0.0005	<0.0005	<0.0005				
2/19/2025					<0.0005	<0.0005	<0.0005	<0.0005
2/20/2025	<0.0005							
2/24/2025			<0.0005					
2/25/2025		<0.0005		<0.0005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:02 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/11/2016									
3/14/2016					20				
3/15/2016							24	24	38
3/22/2016	32.6								
3/23/2016		54.1	46.5			2.05			
5/11/2016					9.76		22.1		
5/12/2016								15.5	
5/13/2016									36
5/16/2016				27.8 (D)					
5/19/2016	33.4		24.6						
5/20/2016		23.9							
5/23/2016						1.29			
7/19/2016					3.04				
7/20/2016								16.5	
7/21/2016							19.3		33.5
7/22/2016									
7/27/2016				21.2 (D)					
7/29/2016	26	25.3	14.9			1.29			
9/15/2016					4.78		18.2	6.1	
9/19/2016									
9/21/2016									31.9
9/22/2016			15			1.51			
9/23/2016	28.8	26.6							
11/2/2016					2.46				
11/3/2016							18.2	13.7	28.9
11/9/2016	27.9	16.1							
11/10/2016			12.6			1.54			
1/17/2017							22		31.4
1/18/2017					5.46			13.1	
1/30/2017	29.2								
1/31/2017		5.68	16.5			1.34			
2/21/2017				31.7 (D)					
3/24/2017							21.1	17.3	
3/27/2017				31.9 (D)					31.7
3/28/2017					13				
3/30/2017	30	25.2				1.31			
4/3/2017			16.6						
5/24/2017							23.5		
6/6/2017								29.1	42.9
6/7/2017					17				
6/8/2017				35 (D)					
6/9/2017	30.9		17.8						
6/12/2017		34.2				1.4			
7/17/2017				35.9 (D)					
7/27/2017				34.9 (D)					
8/9/2017				33.7 (D)					
9/25/2017								17.6	29.3
9/26/2017					24.9		24.1		
9/29/2017				33.4 (D)					
10/2/2017	31.5	1.69	20.6						
10/4/2017						1.13			
12/28/2017					17.9 (Y)				

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/14/2018					26.4		25.7	39.6	41.4
3/16/2018	28.5		33	32.6					
3/19/2018		63				1.2			
9/12/2018					25.1		18.4 (J)	14.2 (J)	29
9/14/2018		2.4	22.8 (J)	29.2					
9/17/2018	30.8					0.95			
3/13/2019							23.8 (X)		
3/14/2019				33				22.7 (X)	31.9
3/15/2019					20.3 (X)				
3/19/2019			59.2						
3/20/2019	30.1	4.3				0.96			
9/9/2019					11.3		15.4		
9/10/2019				33.8				6	29.6
9/12/2019	31.9	1.8							
9/13/2019			27			0.94			
3/6/2020								29.2	
3/9/2020				35.6	3.2		29.4		25.5
3/11/2020	31.8	66.6	46.8			1			
9/10/2020					1			13.5	22.9
9/11/2020							17.7		
9/15/2020	30.8	18.4	21.4						
9/16/2020				34.9					
3/10/2021							22.8		40.3
3/11/2021								25.9	
3/12/2021					11				
3/16/2021	34.6		26.7	32.4					
3/17/2021		40.4							
3/29/2021						19			
8/4/2021					10.6		17.1	15.7	38.5
8/6/2021				33					
8/9/2021	32	41	31.5			19.4			
1/31/2022					12.7		18.5	14.5	39.3
2/1/2022	34.1	48	34.1						
2/2/2022				32.6		22.6			
8/10/2022					8.7				
8/11/2022								16.2	39.7
8/12/2022							18.5		
8/16/2022	34	39.5	37.9	32		22.2			
2/13/2023					12.8		18.4	26.9	38.6
2/14/2023				31.4					
2/16/2023	33.3	60.5	51.6						
2/17/2023						22.4			
7/25/2023				35.7				10.8	36.7
7/26/2023					12.5		18		
7/27/2023	29.1	23.3	28						
8/1/2023						22.6			
2/19/2024				34.8	10.8		22.1	24.9	44.9
2/20/2024									
2/22/2024	31.8	45.6				22.9			
2/26/2024			30.6						
8/1/2024				33.9	11.5		19	8.5	40
8/6/2024			25.5						

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/7/2024	31.6	32.3							
8/8/2024						23			
2/25/2025					17.4		26.3	31.7	34
2/26/2025				35.4		19.9			
2/27/2025	33.4	41.7	66.7						

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/11/2016	31
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	32
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	28.5
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	28.6
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	26.6
11/9/2016	
11/10/2016	
1/17/2017	28.7
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	30.4
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	31.3
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/27/2017	
8/9/2017	
9/25/2017	
9/26/2017	29.5
9/29/2017	
10/2/2017	
10/4/2017	
12/28/2017	

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/14/2018	32.6
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	30.5
9/17/2018	
3/13/2019	
3/14/2019	32
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	34
9/12/2019	
9/13/2019	
3/6/2020	38
3/9/2020	
3/11/2020	
9/10/2020	31.1
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	34.8
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	34
8/6/2021	
8/9/2021	
1/31/2022	37.3
2/1/2022	
2/2/2022	
8/10/2022	40.5
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	35.7
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	35.7
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	39.4
2/22/2024	
2/26/2024	
8/1/2024	36.9
8/6/2024	

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/7/2024	
8/8/2024	
2/25/2025	38.9
2/26/2025	
2/27/2025	

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
2/29/2016							30		
3/2/2016								29	29
3/11/2016	13	30							
3/28/2016				3.89	7.04				
5/3/2016								31.2	31
5/4/2016						43.4	30		
5/13/2016	18.7 (o)	27.8							
5/23/2016				2.16					
5/25/2016					13.5				
7/7/2016						40.1			
7/8/2016							30.1	30	
7/11/2016									28.2
7/19/2016	12	25.3							
8/1/2016				1.37	2.2				
9/7/2016									27.6
9/8/2016						37.1	26.8	28.6	
9/16/2016	8.48	27.5							
9/26/2016				1.86	5.72				
10/26/2016						38.8	26.9	25.5	
10/27/2016									26.5
11/2/2016	11.4	26.2							
11/10/2016				1.86					
11/11/2016					2.5				
1/6/2017						39.6	27.6		26
1/9/2017								26.1	
1/18/2017	6.81	26.6							
1/30/2017				2.86	2.01				
2/22/2017			54.7 (D)						
3/15/2017						36.1	26.2		
3/16/2017								26.7	26.6
3/28/2017	5.61	29							
4/3/2017					6.26				
4/7/2017			46.8 (D)	2.34					
5/17/2017							27.6		
5/18/2017						40.1			
5/19/2017								29.2	30.9
6/6/2017	4.99	29.3							
6/12/2017				1.87	7.44				
6/14/2017			52.4 (D)						
7/12/2017			51.1 (D)						
7/19/2017						46.9			
7/20/2017			47.5 (D)						
7/28/2017			44 (D)						
8/9/2017			48.3 (D)						
8/24/2017			41.9 (D)						
9/15/2017							27.7		
9/19/2017						47.7		26.9	28.5
9/22/2017	4.24	32.2							
10/2/2017				2.53	6.55				
10/3/2017			47.7 (D)						
12/28/2017		29 (Y)							
3/13/2018						46.1	26.2	28.6	29.3

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/14/2018	3.6								
3/15/2018		28							
3/16/2018				1.8	2.6				
3/21/2018			47.5						
9/6/2018							27.9		
9/7/2018						44.2			
9/11/2018								27.3	26.3
9/12/2018	3.7	28.7							
9/17/2018				2.3					
9/18/2018			48.1		1.3				
3/7/2019							29.5		
3/8/2019						46.6		25.9	
3/12/2019									28
3/13/2019	2.9	29.2							
3/19/2019				4.2	4.6				
3/21/2019			49.9 (D)						
9/4/2019						40.7	28.1		
9/5/2019								29.3	29
9/11/2019	3.2	29.5							
9/12/2019			49.9 (D)		3.7				
9/13/2019				1.9					
3/2/2020							33.7		
3/3/2020						47.6			
3/4/2020								31.2	31.6
3/9/2020	2.6	31.7							
3/11/2020				1.6	1.2				
3/12/2020			54.2						
9/3/2020							28.9		
9/8/2020								28.5	29.4
9/9/2020						44.1			
9/11/2020	9								
9/14/2020		31							
9/15/2020					0.94 (J)				
9/16/2020				1.7					
9/17/2020			48.4						
2/24/2021							37.1		
2/25/2021						49.8			
2/26/2021								29.6	31.1
3/11/2021	2.1	31.2							
3/16/2021			53.7						
3/17/2021				1.4	5.4				
7/27/2021							36.8		
7/28/2021						47.1			
7/29/2021								29.4	29.4
8/5/2021		29							
8/6/2021	4								
8/9/2021				1.5	1.7				
8/10/2021			56.5						
1/25/2022							28.6		
1/26/2022						50.5		29.6	30.4
1/31/2022	2.2	30.6							
2/1/2022				1.5					

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
2/2/2022					0.93 (J)				
2/3/2022			57.7						
8/5/2022							29.2		
8/8/2022								30.4	31.8
8/9/2022						46.1			
8/10/2022		33.1							
8/11/2022	4.8								
8/16/2022				1.6					
8/17/2022			54.7		3.8				
2/13/2023		28.5							
2/14/2023	2.2								
2/16/2023				1.4	0.81 (J)				
2/17/2023			59.4						
7/25/2023	2.2	34.2							
7/28/2023			43	1.3	0.6 (J)				
2/20/2024	2	31.4							
2/22/2024				1.7	0.78 (J)				
2/27/2024			63.1						
8/2/2024	2	32.8							
8/8/2024			56.4	1.7	0.72 (J)				
2/25/2025	1.6	23.2							
2/27/2025				1.4					
2/28/2025			56.6		0.81 (J)				

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
2/29/2016	
3/2/2016	27
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	27.6
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	25.7
7/11/2016	
7/19/2016	
8/1/2016	
9/7/2016	
9/8/2016	26.3
9/16/2016	
9/26/2016	
10/26/2016	24
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	24.1
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	24.1
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
5/17/2017	
5/18/2017	26.7
5/19/2017	
6/6/2017	
6/12/2017	
6/14/2017	
7/12/2017	
7/19/2017	
7/20/2017	
7/28/2017	
8/9/2017	
8/24/2017	
9/15/2017	25.1
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
12/28/2017	
3/13/2018	24.3 (J)

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	25.6
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	23.8 (J)
3/8/2019	
3/12/2019	
3/13/2019	
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	24.6
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	27.1
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	24.5
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	25.3
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	24.3
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	24.3
1/26/2022	
1/31/2022	
2/1/2022	

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
2/2/2022	
2/3/2022	
8/5/2022	23.8
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/2/2016	38								
3/3/2016		36	36	52					
3/4/2016					69				
3/7/2016						16	30	30	
3/8/2016									40
5/3/2016	48.7	39.1							
5/5/2016						17.2	29.6		
5/9/2016			39					32.6	43.8
5/10/2016				57.6	72.9				
7/11/2016	34.8	31.6	35.7						
7/13/2016				49		12.3	27.8		
7/14/2016					58.2			25.6	36
7/15/2016									
9/9/2016	32.1	29.8	32						
9/12/2016							29.1	29.6	42.1
9/13/2016						17.8			
9/14/2016					62.2				
9/15/2016				55.4					
10/26/2016	32.9		28.5						
10/27/2016		28.9							
10/31/2016						6.22		26.5	43.4
11/1/2016					62.5		26.2		
11/2/2016				54.8					
1/9/2017	32.5	27.9	27.5						
1/11/2017				51.6	63.9		25.2	28.5	
1/12/2017						16.6			39.1
3/15/2017			24.8						
3/16/2017	30.8	28.2							
3/20/2017				52.5			29.9		
3/21/2017					63.8			29.1	
3/22/2017									37
3/23/2017						19.6			
5/18/2017	37.2	31.3	26.9						
5/22/2017							28.9	28.2	36.8
5/23/2017				58.7	62	21			
9/15/2017	38.5		19.6						
9/18/2017		29.7							
9/19/2017									37.7
9/20/2017								32.1	
9/21/2017				63.8			30.8		
9/22/2017					67.2				
9/25/2017						17			
3/12/2018	39.6	38.2							
3/13/2018			26						
3/14/2018				60.6	65.6	23.4 (J)	27.6	30.7	35.9
9/7/2018	45.2	40.3	25.1	62.4			29.5		
9/10/2018								30.7	31.6
9/11/2018					63.2	18.1 (J)			
3/7/2019		40.4	33.3						
3/8/2019	45.2								
3/11/2019				63.8					
3/12/2019					65.3	23.2 (J)	28.6	31.1	35.2

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/4/2019			31.6						
9/5/2019	46.2	34.6							
9/6/2019							27.5		32.35 (D)
9/9/2019				55.7		15.2		29.6	
9/10/2019					66.7				
3/3/2020	40.1								
3/4/2020		39.9	38	60.6				34	
3/5/2020					71.4		32		38.9
3/6/2020						23.5			
9/4/2020	47.2	34.4	34.5						40.2
9/8/2020									
9/9/2020				57.1	63.2	15.3	28.5	30.5	
2/25/2021	48.5	44.8	36						
2/26/2021						25.2	31.9	33.3	
3/9/2021				76.4					35.8
3/10/2021					67.1				
7/28/2021	48.8	44.9	35.1						
7/29/2021						22	30.5		
7/30/2021				65.5	64.4				
8/2/2021									34.7
8/5/2021								33	
1/26/2022	53.2		37.6						
1/27/2022		44.4					29.3	33.2	36.2
1/28/2022				68.5	64.7	19.1			
8/5/2022			38						
8/8/2022	52.3	47							
8/9/2022								34.6	38.7
8/10/2022						18.9	33.6		
8/11/2022				71.6	70.8				
2/9/2023						26.2	31.2	33.7	
2/10/2023				84.6	69.6				38.4
8/3/2023					65.2	16.5			41.9
8/4/2023				69.8			31.8	31.1	
2/14/2024						27.1	31.9	34.8	
2/15/2024				72.1	68.1				39.2
7/31/2024				73.1	70.2	17.3	31.9	34.2	
8/1/2024									46.1
8/2/2024									
2/19/2025							29.9		
2/20/2025						23.5		32	39.7
2/25/2025				74.7	67.4				

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	63
5/3/2016	
5/5/2016	
5/9/2016	50.8
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	48.2
9/9/2016	56.9
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	
10/26/2016	
10/27/2016	57.9
10/31/2016	
11/1/2016	
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	60.5
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	63.7
3/22/2017	
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	60
9/15/2017	
9/18/2017	
9/19/2017	58.9
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
3/12/2018	
3/13/2018	
3/14/2018	65.6
9/7/2018	
9/10/2018	61.7
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	67.1
3/12/2019	

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/4/2019	
9/5/2019	
9/6/2019	57.8
9/9/2019	
9/10/2019	
3/3/2020	70.2
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	61.9
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	64.1
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	59.3
8/5/2021	
1/26/2022	
1/27/2022	
1/28/2022	60
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	67.7
8/11/2022	
2/9/2023	68.2
2/10/2023	
8/3/2023	
8/4/2023	68.8
2/14/2024	
2/15/2024	65.6
7/31/2024	
8/1/2024	
8/2/2024	69.8
2/19/2025	
2/20/2025	
2/25/2025	53.8

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
3/1/2016						32	0.98	
3/2/2016								2
3/4/2016			32					
3/7/2016	32							
3/8/2016				34				
3/9/2016		55						
5/2/2016						30		
5/3/2016							1.12	2.68
5/4/2016				36				
5/5/2016	32.2		34.6					
5/6/2016		62.4						
7/6/2016						29.2		
7/7/2016								2.21
7/8/2016							1	
7/12/2016			29.6					
7/14/2016	26.8							
7/15/2016		49.5						
7/18/2016				31.7				
9/7/2016						28.4	0.858	
9/8/2016								1.8
9/12/2016	31.1							
9/13/2016			31.1	32.5				
9/14/2016		54.4						
10/25/2016						30.8	0.859	1.15
10/27/2016	29.2		32.8	30.9				
11/1/2016		52.8						
1/5/2017						32.6		
1/6/2017							1	
1/13/2017	30		34	31.2				
1/25/2017		57.2						
2/9/2017								0.495 (J)
3/14/2017						29.1	0.844	
3/16/2017				29				
3/20/2017	32		33.4					
3/22/2017		58.1						
3/23/2017								0.543
5/16/2017						28.5	0.922	
5/17/2017								0.889
5/19/2017			33.2	33.9				
5/23/2017	27.5							
5/24/2017		64						
9/15/2017						29.1	0.85	
9/19/2017	30.3		29.5	31.3				1.28
9/21/2017		61.1						
3/12/2018						30.6	0.81	
3/13/2018	32.1		30.8	33.3				1.4
3/14/2018		59.9						
9/6/2018						26.1	0.79	1.6
9/7/2018	32.7							
9/11/2018		60.2	29.1	30.9				
3/6/2019							0.78	
3/7/2019						28		2.6

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
3/8/2019			28.8	33.1				
3/11/2019	33.9							
3/12/2019		61.6						
9/4/2019						27.9	0.76	1.65 (D)
9/5/2019	31.8		29.6 (D)	34.6				
9/6/2019		55.9						
3/2/2020						35.2	0.77 (J)	2.5
3/3/2020	37.2		33.3	37.6				
3/5/2020		63.7						
9/3/2020							0.73 (J)	1
9/4/2020				36.6				
9/8/2020	34.7							
9/9/2020		57.6	31.5					
9/14/2020						32.4		
2/24/2021							0.71 (J)	1.2
3/9/2021	35.7		33.2	36.4				
3/10/2021		62.2						
3/26/2021						30.1		
7/27/2021						35.7		
7/28/2021							0.75 (J)	1.1
7/29/2021			32.6					
7/30/2021		58.7						
8/2/2021	34.1			35.4				
1/25/2022								1.1
1/26/2022						41	0.7 (J)	
1/27/2022	36.9			34.4				
1/28/2022		64.9	34.4					
4/6/2022					48.7			
8/5/2022								1.3 (J)
8/8/2022					53.1	54.8	0.74 (J)	
8/9/2022			33.8	37.1				
8/10/2022	36							
8/11/2022		67						
2/8/2023					51.6	54.1	0.7 (J)	1.3
2/9/2023	37		32.8	35.6				
2/10/2023		68.7						
8/2/2023					40.7		0.64 (J)	49.2
8/3/2023	33.6	65.2	31.7	34.3		40.8		
2/13/2024					52	54.5	0.72 (J)	1.6
2/15/2024	34.2		31.1					
2/16/2024		74.2		34.6				
7/30/2024					52.1	50.4	0.73 (J)	1.6
7/31/2024	33.1	74.6	33.2	33.9				
2/19/2025					48.7	51.1	0.7 (J)	2.2
2/20/2025	33.4							
2/24/2025			30.7					
2/25/2025		64.6		31.8				

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/11/2016									
3/14/2016					1.795				
3/15/2016							1.1671	4.1666	6.1465
3/22/2016	1.5101								
3/23/2016		2.4904	0.9079			1.6092			
5/11/2016					2.04		0.8763		
5/12/2016								1.78	
5/13/2016									3.08
5/16/2016				1.74 (D)					
5/19/2016	1.5		0.9136						
5/20/2016		1.71							
5/23/2016						1.52			
7/19/2016					2.1				
7/20/2016								1.8	
7/21/2016							1.4		3.7
7/22/2016									
7/27/2016				2.1 (D)					
7/29/2016	1.7	2	1.1			1.5			
9/15/2016					1.7			1.4	
9/19/2016							1.1		
9/21/2016									2.4
9/22/2016			1			1.4			
9/23/2016	1.8	1.8							
11/2/2016					1.8				
11/3/2016							1.2	1.6	3.4
11/9/2016	2	1.6							
11/10/2016			1.2			1.6			
1/17/2017							1		1.9
1/18/2017					1.7			1.5	
1/30/2017	1.5								
1/31/2017		1.3	1.2			1.6			
2/21/2017				4 (D)					
3/24/2017							1.2	1.4	
3/27/2017				2.6 (D)					2.4
3/28/2017					1.3				
3/30/2017	1.8	1.6				1.4			
4/3/2017			0.99						
5/24/2017							1.5		
6/6/2017								2.8	4.5
6/7/2017					1.2				
6/8/2017				2.1 (D)					
6/9/2017	1.6		0.87						
6/12/2017		1.6				1.4			
7/17/2017				1.9 (D)					
7/27/2017				3 (D)					
8/9/2017				2.5 (D)					
9/25/2017								1.8	2.5
9/26/2017					1.7		2.4		
9/29/2017				2.7 (D)					
10/2/2017	1.6	0.94	1						
10/4/2017						1.5			
12/28/2017							3.9 (Y)		

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/14/2018					1.4		2.4	3	4 (J)
3/16/2018	1.7		1.6	2.6					
3/19/2018		1.9				1.5			
9/12/2018					1.6		1	1.4	2.1
9/14/2018		0.98	0.92	1.9					
9/17/2018	1.55 (D)					1.5			
3/13/2019							2.2		
3/14/2019				2.8				2.6	2.9
3/15/2019					1.7				
3/19/2019			2						
3/20/2019	<1.4	<0.86				<1.5			
9/9/2019					1.2		0.83 (X)		
9/10/2019				2.3				1.1	1.7
9/12/2019	1.3	0.815 (JD)							
9/13/2019			0.94 (J)			1.5			
3/6/2020								1.3	
3/9/2020				1.5	1.2		1.5		1.3
3/11/2020	1.4	2	0.6 (J)			1.4			
9/10/2020					1.2			1.2	1.4
9/11/2020							0.77 (J)		
9/15/2020	1.3	1.2	0.75 (J)						
9/16/2020				1.7					
3/10/2021							0.97 (J)		1.6
3/11/2021								1.5	
3/12/2021					1.2				
3/16/2021	1.3		0.73 (J)	1.3					
3/17/2021		1.4							
3/29/2021						1.5			
8/4/2021					1.1		0.82 (J)	1.2	1.3
8/6/2021				1.3					
8/9/2021	1.3	1.5	1.1			1.4			
1/31/2022					1		0.71 (J)	1	1
2/1/2022	1.2	1.4	0.77 (J)						
2/2/2022				1.5		1.9			
8/10/2022					0.93 (J)				
8/11/2022								1.3	1.4
8/12/2022							<1		
8/16/2022	0.99 (J)	1.1	0.82 (J)	1.6		2.5			
2/13/2023					1.3		1.1	1.6	1.5
2/14/2023				1.6					
2/16/2023	1.2	1.6	1.9						
2/17/2023						6.3			
7/25/2023				1.7				0.97 (J)	1.3
7/26/2023					1.3		0.92 (J)		
7/27/2023	1.2	1.3	0.92 (J)						
8/1/2023						5.7			
2/19/2024				1.4	1		0.75 (J)	1.2	1.3
2/20/2024									
2/22/2024	1.1	1.3				7.1			
2/26/2024			2						
8/1/2024				1.5	1.2		0.96 (J)	1.3	1.6
8/6/2024			1.1						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/7/2024	1.3	1.4							
8/8/2024						7.3			
2/25/2025					0.96 (J)		0.99 (J)	0.99 (J)	0.95 (J)
2/26/2025				1.2		9.3			
2/27/2025	0.93 (J)	1.1	3.2						

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/11/2016	2.4984
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	2.22
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	2.6
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	2.5
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	3
11/9/2016	
11/10/2016	
1/17/2017	2.9
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	3
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	3
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/27/2017	
8/9/2017	
9/25/2017	
9/26/2017	3.1
9/29/2017	
10/2/2017	
10/4/2017	
12/28/2017	

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/14/2018	3.2
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	2.3
9/17/2018	
3/13/2019	
3/14/2019	3.6
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	2
9/12/2019	
9/13/2019	
3/6/2020	2.7
3/9/2020	
3/11/2020	
9/10/2020	2
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	2.5
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	2.3
8/6/2021	
8/9/2021	
1/31/2022	2
2/1/2022	
2/2/2022	
8/10/2022	1.8
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	2.4
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	1.9
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	2.4
2/22/2024	
2/26/2024	
8/1/2024	2.5
8/6/2024	

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/7/2024	
8/8/2024	
2/25/2025	2.3
2/26/2025	
2/27/2025	

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
2/29/2016							2.9988		
3/2/2016								2.3976	2.556
3/11/2016	1.2562	1.9467							
3/28/2016				1.14	0.9204				
5/3/2016								2.54	2.59
5/4/2016						2.83	1.83		
5/13/2016	1.32	2.14							
5/23/2016				1.19					
5/25/2016					1.04				
7/7/2016						3.1			
7/8/2016							2.2	2.6	
7/11/2016									2.6
7/19/2016	1.3	3.1							
8/1/2016				1.2	0.85				
9/7/2016									2.6
9/8/2016						3	2.2	2.5	
9/16/2016	1.2	3.5							
9/26/2016				1.1	0.87				
10/26/2016						3	2.2	2.6	
10/27/2016									3
11/2/2016	1.4	4.7							
11/10/2016				1.3					
11/11/2016					0.99				
1/6/2017						3.2	2.1		2.5
1/9/2017								2.5	
1/18/2017	1.2	4.9							
1/30/2017				1.2	0.95				
2/22/2017			3.7 (D)						
3/15/2017						2.8	2.3		
3/16/2017								2.4	2.5
3/28/2017	1.4	4.1							
4/3/2017					0.88				
4/7/2017			2.5 (D)	1.2					
5/17/2017							1.9		
5/18/2017						3			
5/19/2017								2.3	2.3
6/6/2017	1.4	3.6							
6/12/2017				1.1	0.83				
6/14/2017			2.6 (D)						
7/12/2017			2.8 (D)						
7/19/2017						4.1			
7/20/2017			2.3 (D)						
7/28/2017			2 (D)						
8/9/2017			1.8 (D)						
8/24/2017			2.9 (D)						
9/15/2017							2.1		
9/19/2017						3.6		2.3	2.4
9/22/2017	1.3	3.9							
10/2/2017				1.2	0.94				
10/3/2017			2.8 (D)						
3/13/2018						3.3	3	2.7	2.6
3/14/2018	1.3								

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/15/2018		2.8							
3/16/2018				1.4	<1				
3/21/2018			2.9						
9/6/2018							1.9		
9/7/2018						3.3			
9/11/2018								2.4	2.4
9/12/2018	1.3	3.1							
9/17/2018				1.1					
9/18/2018			3.1		1				
3/7/2019							3.6		
3/8/2019						3.4		2.7	
3/12/2019									3.3
3/13/2019	1.6	2.9							
3/19/2019				<1.2	<1				
3/21/2019			3.6 (D)						
9/4/2019						2.7	1.3		
9/5/2019								2.3	2.4
9/11/2019	1.3	3.1							
9/12/2019			2.1 (D)		0.74 (J)				
9/13/2019				1					
3/2/2020							4.9		
3/3/2020						2.6			
3/4/2020								2.2	2.3
3/9/2020	1.2	2.2							
3/11/2020				0.91 (J)	0.73 (J)				
3/12/2020			2.3						
9/3/2020							1.4		
9/8/2020								2.3	2.3
9/9/2020						2.6			
9/11/2020	1.3								
9/14/2020		3.3							
9/15/2020					0.7 (J)				
9/16/2020				0.97 (J)					
9/17/2020			2.4						
2/24/2021							3.3		
2/25/2021						2.7			
2/26/2021								2.3	2.4
3/11/2021	1.3	2.7							
3/16/2021			2.7						
3/17/2021				1 (J)	0.81 (J)				
7/27/2021							4.5		
7/28/2021						2.8			
7/29/2021								2.1	2.3
8/5/2021		1.9							
8/6/2021	1.3								
8/9/2021				1 (J)	0.78 (J)				
8/10/2021			2.8						
1/25/2022							1.5		
1/26/2022						2.9		2.2	2.4
1/31/2022	1.1	1.7							
2/1/2022				0.91 (J)					
2/2/2022					0.7 (J)				

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
2/3/2022			2.6						
8/5/2022							1		
8/8/2022								2	2.2
8/9/2022						2.4			
8/10/2022		1.7							
8/11/2022	1.4								
8/16/2022				0.69 (J)					
8/17/2022			2.6		<1				
2/13/2023		1.8							
2/14/2023	1.3								
2/16/2023				0.91 (J)	0.71 (J)				
2/17/2023			3						
7/25/2023	1.4	2							
7/28/2023			3	0.95 (J)	0.72 (J)				
2/20/2024	1.2	2							
2/22/2024				0.88 (J)	0.64 (J)				
2/27/2024			3.2						
8/2/2024	1.2	2.2							
8/8/2024			2.2	1.1	0.86 (J)				
2/25/2025	1.1	1.5							
2/27/2025				0.76 (J)					
2/28/2025			2.5		0.87 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
2/29/2016	
3/2/2016	1.4496
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	1.42
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	1.6
7/11/2016	
7/19/2016	
8/1/2016	
9/7/2016	
9/8/2016	1.2
9/16/2016	
9/26/2016	
10/26/2016	1.4
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	1.5
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	1.1
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
5/17/2017	
5/18/2017	1.3
5/19/2017	
6/6/2017	
6/12/2017	
6/14/2017	
7/12/2017	
7/19/2017	
7/20/2017	
7/28/2017	
8/9/2017	
8/24/2017	
9/15/2017	1.2
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	0.93
3/14/2018	

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	1.1
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<1.2
3/8/2019	
3/12/2019	
3/13/2019	
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	0.81 (J)
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	0.77 (J)
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	0.8 (J)
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	0.78 (J)
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	1.4
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	0.81 (J)
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
2/3/2022	
8/5/2022	0.96 (J)
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/2/2016	2.815								
3/3/2016		2.6912	8.0925	1.3707 (D)					
3/4/2016					6.4905				
3/7/2016						2.0446	2.2698	2.3254	
3/8/2016									1.2699
5/3/2016	3.27	2.7							
5/5/2016						2.28	2.48		
5/9/2016			2.99					2.48	1.39
5/10/2016				1.41	7.1				
7/11/2016	3.2	2.7	4.4						
7/13/2016				1.7		2.2	2.5		
7/14/2016					6.4			2.5	1.7
7/15/2016									
9/9/2016	3	2.5	5.6						
9/12/2016							2.5	2.5	1.6
9/13/2016						2			
9/14/2016					6				
9/15/2016				1.9					
10/26/2016	2.9		6.5						
10/27/2016		3							
10/31/2016						2.3		3	1.9
11/1/2016					7		2.9		
11/2/2016				2.3					
1/9/2017	2.9	3.1	6.7						
1/11/2017				2	6		2.5	2.5	
1/12/2017						1.9			1.8
3/15/2017			7.8						
3/16/2017	2.9	2.7							
3/20/2017				2.2			2.2		
3/21/2017					6.1			2.3	
3/22/2017									2
3/23/2017						2.2			
5/18/2017	2.9	3.2	7.1						
5/22/2017							2.3	2.4	1.9
5/23/2017				2	6	2			
9/15/2017	3.2		8.4						
9/18/2017		3							
9/19/2017									1.9
9/20/2017								2.4	
9/21/2017				2.3			2.3		
9/22/2017					6.2				
9/25/2017						2.1			
3/12/2018	3.6	3.2							
3/13/2018			6.9						
3/14/2018				2.1	6.1	2.1	2.2	2.2	2
9/7/2018	3.8	3.3	6.9	2.1			2.3		
9/10/2018								2.1	1.6
9/11/2018					6.7	2.3			
3/7/2019		3.2	6						
3/8/2019	3.4								
3/11/2019				2.4					
3/12/2019					6.9	2.8	3.3	2.8	2.7

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/4/2019			4.8						
9/5/2019	2.9	2.9							
9/6/2019							2.3		1.6
9/9/2019				1.1		2		2.3	
9/10/2019					4.5				
3/3/2020	2.7								
3/4/2020		2.6	4.5	0.79 (J)				2.3	
3/5/2020					4.5		2.2		1.5
3/6/2020						2.2			
9/4/2020	3	2.5	4.1						1.5
9/8/2020									
9/9/2020				1 (J)	4.3	2.1	2.3	2.4	
2/25/2021	6.7	4.8	4.4						
2/26/2021						2.3	2.4	2.4	
3/9/2021				1.5					1.9
3/10/2021					4.7				
7/28/2021	6.9	5	5						
7/29/2021						2.1	2.2		
7/30/2021				1	4.3				
8/2/2021									1.8
8/5/2021								2.6	
1/26/2022	5.8		5.2						
1/27/2022		4.5					2.3	2.5	1.9
1/28/2022				1.6	4.6	2.1			
8/5/2022			5.4						
8/8/2022	4.9	4							
8/9/2022								2.3	1.7
8/10/2022						2.3	2.6		
8/11/2022				1.4	4.7				
2/9/2023						2.5	2.6	2.7	
2/10/2023				1.8	4.7				2
8/3/2023					4.2	1.9			1.5
8/4/2023				1.1			2.2	2.3	
2/14/2024						2.2	2.3	2.4	
2/15/2024				1.3	4.5				1.7
7/31/2024				1.4	4.8	2.2	2.6	2.6	
8/1/2024									1.7
8/2/2024									
2/19/2025							2.2		
2/20/2025						2		2.2	1.8
2/25/2025				1.2	4				

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	4.2184
5/3/2016	
5/5/2016	
5/9/2016	3.08
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	3.8
9/9/2016	3.9
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	
10/26/2016	
10/27/2016	4.7
10/31/2016	
11/1/2016	
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	4.2
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	4.2
3/22/2017	
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	4.1
9/15/2017	
9/18/2017	
9/19/2017	4.4
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
3/12/2018	
3/13/2018	
3/14/2018	4.4
9/7/2018	
9/10/2018	3.9
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	4.2
3/12/2019	

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/4/2019	
9/5/2019	
9/6/2019	3.5
9/9/2019	
9/10/2019	
3/3/2020	3.9
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	4.1
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	5
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	5.6
8/5/2021	
1/26/2022	
1/27/2022	
1/28/2022	4.6
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	4.1
8/11/2022	
2/9/2023	4.5
2/10/2023	
8/3/2023	
8/4/2023	3.1
2/14/2024	
2/15/2024	3
7/31/2024	
8/1/2024	
8/2/2024	3.2
2/19/2025	
2/20/2025	
2/25/2025	2.4

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
3/1/2016						3.096	1.2389	
3/2/2016								2.4559
3/4/2016			2.7291					
3/7/2016	2.6729							
3/8/2016				2.5307				
3/9/2016		1.5349						
5/2/2016						2.92		
5/3/2016							1.22	2.49
5/4/2016				2.76				
5/5/2016	2.81		2.54					
5/6/2016		1.63						
7/6/2016						3.2		
7/7/2016								2.5
7/8/2016							1.2	
7/12/2016			2.6					
7/14/2016	2.8							
7/15/2016		2						
7/18/2016				2.8				
9/7/2016						3.4	1	
9/8/2016								2.2
9/12/2016	2.8							
9/13/2016			2.5	2.7				
9/14/2016		2						
10/25/2016						3.4	1.2	2.5
10/27/2016	3.3		3.1	3.2				
11/1/2016		2.4						
1/5/2017						3.3		
1/6/2017							0.97	
1/13/2017	2.7		2.7	2.6				
1/25/2017		2.1						
2/9/2017								2
3/14/2017						2.9	1	
3/16/2017				2.6				
3/20/2017	2.8		2.6					
3/22/2017		2.2						
3/23/2017								2.2
5/16/2017						2.9	0.9	
5/17/2017								2.4
5/19/2017			2.5	2.6				
5/23/2017	2.6							
5/24/2017		2						
9/15/2017						2.7	1.1	
9/19/2017	2.6		2.3	2.4				2.5
9/21/2017		2.4						
3/12/2018						3.2	1.1	
3/13/2018	2.8		<0.25	2.7				2.4
3/14/2018		2.2						
9/6/2018						2.7	1	2.7
9/7/2018	2.7							
9/11/2018		2.4	2.3	2.4				
3/6/2019							<1.1	
3/7/2019						2.8		2.9

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
3/8/2019			2.6	2.8				
3/11/2019	3.2							
3/12/2019		2.4						
9/4/2019						2.7	0.81 (J)	2.9
9/5/2019	2.7		2.2	2.5				
9/6/2019		1.4						
3/2/2020						2.4	0.78 (J)	2.5
3/3/2020	2.5		2.1	2.4				
3/5/2020		1.3						
9/3/2020							0.82 (J)	2.9
9/4/2020				2.5				
9/8/2020	2.6							
9/9/2020		2	2.5					
9/14/2020						2.9		
2/24/2021							0.84 (J)	3.1
3/9/2021	2.4		2.1	2.3				
3/10/2021		1.6						
3/26/2021						2.5		
7/27/2021						2.8		
7/28/2021							0.88 (J)	3.3
7/29/2021			2.2					
7/30/2021		1.4						
8/2/2021	2.4			2.3				
1/25/2022								3.2
1/26/2022						2.4	0.88 (J)	
1/27/2022	2.5			2.4				
1/28/2022		1.7	2.2					
4/6/2022					2.4			
8/5/2022								3.1
8/8/2022					2.7	2.6	0.64 (J)	
8/9/2022			2	2.2				
8/10/2022	2.7							
8/11/2022		2.1						
2/8/2023					3.5	3.1	1.1	3.5
2/9/2023	2.7		2.5	2.6				
2/10/2023		2						
8/2/2023					2.8		1	3.4
8/3/2023	2.3	1.8	2.1	2.3		2.5		
2/13/2024					3.7	3.4	0.8 (J)	3.4
2/15/2024	2.4		2.1					
2/16/2024		1.4		2.7				
7/30/2024					3.7	3.2	1.1	3.8
7/31/2024	2.7	1.6	2.4	2.5				
2/19/2025					3.2	3.1	0.76 (J)	3.3
2/20/2025	2.2							
2/24/2025			2					
2/25/2025		1.1		2				

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/23/2007	<0.005	0.0045	<0.005			<0.005			
10/23/2007	0.011								
10/24/2007		0.039 (O)	0.0033						
11/2/2007						0.027 (O)			
11/18/2007	0.038 (O)	0.059 (O)	0.012			0.17 (O)			
1/30/2008	0.11 (O)								
1/31/2008		0.0067	0.052 (O)			0.012			
3/10/2008	0.038 (O)		0.01						
3/11/2008		0.03 (O)				0.063 (O)			
5/6/2008		0.0062							
5/13/2008	0.012		0.0068						
5/14/2008						0.057 (O)			
12/4/2008		0.009	0.0017						
12/5/2008	<0.005					<0.005			
4/15/2009	<0.005					<0.005			
4/21/2009		0.0022	<0.005						
10/7/2009	0.0065	<0.005							
10/8/2009			<0.005			<0.005			
4/21/2010			<0.005						
4/26/2010		<0.005							
4/28/2010						<0.005			
5/3/2010	<0.005								
9/28/2010			<0.005						
10/4/2010		<0.005							
10/6/2010						<0.005			
10/12/2010	<0.005								
4/12/2011			<0.005						
4/13/2011		<0.005							
4/21/2011						<0.005			
4/27/2011	<0.005								
10/4/2011			<0.005						
10/5/2011		<0.005							
10/13/2011						<0.005			
10/17/2011	<0.005								
4/3/2012			<0.005						
4/11/2012		<0.005							
5/1/2012						<0.005			
5/2/2012	<0.005								
10/8/2012	<0.005								
10/9/2012		<0.005	<0.005			<0.005			
4/11/2013			<0.005			<0.005			
4/12/2013	0.0019								
4/15/2013		0.0013							
10/15/2013		0.0023							
10/16/2013	0.0024		<0.005			0.0013			
4/10/2014			<0.005						
4/11/2014	0.0013 (J)								
4/22/2014		<0.005							
4/23/2014						<0.005			
9/30/2014	<0.005	<0.005	<0.005						
10/4/2014						<0.005			
3/30/2015	0.0047	0.0011 (J)	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/31/2015						<0.005			
10/12/2015						<0.005			
10/13/2015	<0.005	<0.005	<0.005						
3/11/2016									
3/14/2016					<0.005				
3/15/2016							<0.005	<0.005	<0.005
3/22/2016	<0.005								
3/23/2016		<0.005	<0.005			<0.005			
5/11/2016					<0.005		<0.005		
5/12/2016								<0.005	
5/13/2016									<0.005
5/16/2016				<0.005 (D)					
5/19/2016	<0.005		<0.005						
5/20/2016		<0.005							
5/23/2016						<0.005			
7/19/2016					<0.005				
7/20/2016								<0.005	
7/21/2016							<0.005		<0.005
7/22/2016									
7/27/2016				0.0017 (JD)					
7/29/2016	<0.005	<0.005	<0.005			<0.005			
9/15/2016					<0.005		<0.005	<0.005	
9/19/2016									
9/21/2016									<0.005
9/22/2016			<0.005			0.0013 (J)			
9/23/2016	<0.005	<0.005							
11/2/2016					<0.005				
11/3/2016							<0.005	<0.005	<0.005
11/9/2016	0.0011 (J)	<0.005							
11/10/2016			<0.005			<0.005			
1/17/2017							<0.005		<0.005
1/18/2017					<0.005			<0.005	
1/30/2017	<0.005								
1/31/2017		<0.005	<0.005			<0.005			
2/21/2017				0.001 (J)					
3/24/2017							<0.005 (*)	<0.005 (*)	
3/27/2017				<0.005 (D)					<0.005
3/28/2017					<0.005 (*)				
3/30/2017	<0.005	<0.005				<0.005			
4/3/2017			<0.005						
5/24/2017							0.0008 (J)		
6/6/2017								<0.005	0.0004 (J)
6/7/2017					<0.005				
6/8/2017				<0.005 (D)					
6/9/2017	<0.005		<0.005						
6/12/2017		0.0008 (J)				<0.005			
7/17/2017				<0.005 (D)					
7/27/2017				0.0005 (J)					
8/9/2017				0.0005 (J)					
9/25/2017								<0.005	<0.005
9/26/2017					<0.005		0.0005 (J)		
9/29/2017				0.0006 (JD)					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
10/2/2017	<0.005	<0.005	<0.005						
10/4/2017						<0.005			
3/14/2018					<0.005		<0.005	<0.005	<0.005
3/16/2018	<0.005		<0.005	<0.005					
3/19/2018		0.0031 (J)				<0.005			
9/12/2018					<0.005		<0.005	<0.005	<0.005
9/14/2018		<0.005	<0.005	<0.005					
9/17/2018	<0.005 (D)					<0.005			
3/13/2019							<0.005		
3/14/2019				0.004 (J)				<0.005	<0.005
3/15/2019					<0.005				
3/19/2019			<0.005						
3/20/2019	<0.005	<0.005				<0.005			
9/9/2019					<0.005		<0.005		
9/10/2019								<0.005 (D)	<0.005
9/12/2019	<0.005	<0.005 (D)							
9/13/2019			<0.005			0.00073 (J)			
3/6/2020								0.015	
3/9/2020				0.0016 (J)	0.069 (O)		0.0009 (J)		0.0004 (J)
3/11/2020	0.0012 (J)	0.0025 (J)	0.0042 (J)			0.00095 (J)			
9/10/2020					<0.005			<0.005	<0.005
9/11/2020							<0.005		
9/15/2020	<0.005	0.00086 (J)	<0.005						
9/16/2020				0.00058 (J)					
3/10/2021							0.00075 (J)		<0.005
3/11/2021								0.0015 (J)	
3/12/2021					0.00064 (J)				
3/16/2021	<0.005		<0.005	0.0008 (J)					
3/17/2021		<0.005							
3/29/2021						0.00062 (J)			
8/4/2021					<0.005		<0.005	<0.005	<0.005
8/6/2021				<0.005					
8/9/2021	<0.005	<0.005	<0.005			<0.005			
1/31/2022					<0.005		<0.005	<0.005	<0.005
2/1/2022	<0.005	<0.005	<0.005						
2/2/2022				0.0012 (J)		0.0069			
8/10/2022					<0.005				
8/11/2022								<0.005	<0.005
8/12/2022							<0.005		
8/16/2022	<0.005	<0.005	<0.005	<0.005		<0.005			
2/13/2023					<0.005		<0.005	<0.005	<0.005
2/14/2023				<0.005					
2/16/2023	<0.005	<0.005	<0.005						
2/17/2023						<0.005			
7/25/2023				<0.005				<0.005	<0.005
7/26/2023					<0.005		<0.005		
7/27/2023	<0.005	<0.005	<0.005						
8/1/2023						<0.005			
2/19/2024				<0.005	<0.005		<0.005	<0.005	<0.005
2/20/2024									
2/22/2024	<0.005	<0.005				<0.005			
2/26/2024			<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/1/2024				<0.005	<0.005		<0.005	<0.005	<0.005
8/6/2024			<0.005						
8/7/2024	<0.005	<0.005							
8/8/2024						<0.005			
2/25/2025					<0.005		<0.005	<0.005	<0.005
2/26/2025				<0.005		<0.005			
2/27/2025	<0.005	<0.005	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/23/2007	
10/23/2007	
10/24/2007	
11/2/2007	
11/18/2007	
1/30/2008	
1/31/2008	
3/10/2008	
3/11/2008	
5/6/2008	
5/13/2008	
5/14/2008	
12/4/2008	
12/5/2008	
4/15/2009	
4/21/2009	
10/7/2009	
10/8/2009	
4/21/2010	
4/26/2010	
4/28/2010	
5/3/2010	
9/28/2010	
10/4/2010	
10/6/2010	
10/12/2010	
4/12/2011	
4/13/2011	
4/21/2011	
4/27/2011	
10/4/2011	
10/5/2011	
10/13/2011	
10/17/2011	
4/3/2012	
4/11/2012	
5/1/2012	
5/2/2012	
10/8/2012	
10/9/2012	
4/11/2013	
4/12/2013	
4/15/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/11/2014	
4/22/2014	
4/23/2014	
9/30/2014	
10/4/2014	
3/30/2015	

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/31/2015	
10/12/2015	
10/13/2015	
3/11/2016	<0.005
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	<0.005
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	<0.005
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	<0.005
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	<0.005
11/9/2016	
11/10/2016	
1/17/2017	<0.005
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	<0.005
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	<0.005
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/27/2017	
8/9/2017	
9/25/2017	
9/26/2017	<0.005
9/29/2017	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
10/2/2017	
10/4/2017	
3/14/2018	<0.005
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	<0.005
9/17/2018	
3/13/2019	
3/14/2019	<0.005
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	<0.005
9/12/2019	
9/13/2019	
3/6/2020	0.00045 (J)
3/9/2020	
3/11/2020	
9/10/2020	<0.005
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	<0.005
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	<0.005
8/6/2021	
8/9/2021	
1/31/2022	<0.005
2/1/2022	
2/2/2022	
8/10/2022	<0.005
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	<0.005
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	<0.005
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	<0.005
2/22/2024	
2/26/2024	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/1/2024	<0.005
8/6/2024	
8/7/2024	
8/8/2024	
2/25/2025	<0.005
2/26/2025	
2/27/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
12/12/2008				<0.005	<0.005				
4/23/2009				<0.005	0.0031				
10/6/2009				<0.005	0.0024				
4/27/2010				<0.005					
5/3/2010					<0.005				
9/30/2010				0.0014					
10/11/2010					0.0028				
4/14/2011				0.0014					
4/27/2011					0.0041				
10/5/2011				<0.005					
10/19/2011					<0.005				
4/11/2012				<0.005					
5/1/2012					<0.005				
10/2/2012				<0.005	0.0019				
4/9/2013				<0.005					
4/10/2013					0.0027				
10/15/2013				<0.005					
10/16/2013					0.0029				
4/10/2014				0.0013 (J)					
4/22/2014					0.0024				
10/1/2014				<0.005	<0.005				
3/30/2015				<0.005	0.0022				
5/8/2015						0.036 (O)	<0.005		<0.005
5/9/2015								<0.005	
5/17/2015						0.029 (O)	<0.005		<0.005
5/18/2015								<0.005	
5/25/2015						0.029 (O)	<0.005	<0.005	<0.005
6/8/2015						0.015	0.0013	<0.005	<0.005
6/9/2015									
6/17/2015								<0.005	
6/18/2015						0.016	<0.005		<0.005
6/24/2015						0.02	0.0013	<0.005	<0.005
6/25/2015									
6/30/2015						0.02	<0.005	<0.005	<0.005
7/1/2015									
7/6/2015						0.015	<0.005	<0.005	<0.005
7/7/2015									
8/12/2015						0.0139	<0.005	<0.005	<0.005
10/11/2015				<0.005	<0.005				
2/29/2016							<0.005		
3/2/2016								<0.005	<0.005
3/11/2016	<0.005	0.00212 (J)							
3/28/2016				<0.005	<0.005				
5/3/2016								<0.005	<0.005
5/4/2016						<0.005	<0.005		
5/13/2016	<0.005	<0.005							
5/23/2016				<0.005					
5/25/2016					<0.005				
7/7/2016						0.0005 (J)			
7/8/2016							0.0014 (J)	0.0007 (J)	
7/11/2016									<0.005
7/19/2016	<0.005	0.0006 (J)							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
8/1/2016				<0.005	<0.005				
9/7/2016									<0.005
9/8/2016						<0.005	<0.005	<0.005	
9/16/2016	<0.005	<0.005							
9/26/2016				<0.005	<0.005				
10/26/2016						<0.005	0.0011 (J)	<0.005	
10/27/2016									<0.005
11/2/2016	<0.005	<0.005							
11/10/2016				<0.005					
11/11/2016					<0.005				
1/6/2017						<0.005	0.0011 (J)		<0.005
1/9/2017								<0.005	
1/18/2017	<0.005	0.0014 (J)							
1/30/2017				<0.005	<0.005				
2/22/2017			<0.005						
3/15/2017						<0.005	0.0014 (J)		
3/16/2017								0.001 (J)	0.0011 (J)
3/28/2017	<0.005 (*)	<0.005 (*)							
4/3/2017					<0.005				
4/7/2017			<0.005	<0.005					
5/17/2017							0.0011 (J)		
5/18/2017						<0.005			
5/19/2017								0.0006 (J)	0.0007 (J)
6/6/2017	0.0004 (J)	0.0009 (J)							
6/12/2017				<0.005	0.0005 (J)				
6/14/2017			<0.005 (D)						
7/12/2017			<0.005 (D)						
7/19/2017						<0.005			
7/20/2017			<0.005 (D)						
7/28/2017			<0.005						
8/9/2017			<0.005						
8/24/2017			<0.005						
9/15/2017							0.001 (J)		
9/19/2017						<0.005		0.0006 (J)	0.0006 (J)
9/22/2017	0.0008 (J)	0.0006 (J)							
10/2/2017				<0.005	<0.005				
10/3/2017			<0.005 (D)						
3/13/2018						<0.005	<0.005	<0.005	<0.005
3/14/2018	<0.005								
3/15/2018		0.0017 (J)							
3/16/2018				<0.005	<0.005				
3/21/2018			<0.005						
9/6/2018							<0.005		
9/7/2018						<0.005			
9/11/2018								<0.005	<0.005
9/12/2018	<0.005	<0.005							
9/17/2018				<0.005					
9/18/2018			<0.005		<0.005				
3/7/2019							<0.005		
3/8/2019						<0.005		<0.005	
3/12/2019									<0.005
3/13/2019	<0.005	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/19/2019				<0.005	<0.005				
3/21/2019			<0.005 (D)						
9/4/2019						<0.005	0.00096 (J)		
9/5/2019								0.00065 (J)	0.00055 (J)
9/11/2019	0.00051 (J)	0.00066 (J)							
9/12/2019			<0.005 (D)		<0.005				
9/13/2019				<0.005					
3/2/2020							0.0011 (J)		
3/3/2020						<0.005			
3/4/2020								0.00076 (J)	0.0012 (J)
3/9/2020	0.0033 (J)	0.0014 (J)							
3/11/2020				0.0011 (J)	<0.005				
3/12/2020			<0.005						
9/3/2020							0.0011 (J)		
9/8/2020								<0.005	<0.005
9/9/2020						<0.005			
9/11/2020	<0.005								
9/14/2020		0.0011 (J)							
9/15/2020					<0.005				
9/16/2020				<0.005					
9/17/2020			<0.005						
2/24/2021							0.00097 (J)		
2/25/2021						<0.005			
2/26/2021								0.0008 (J)	0.00071 (J)
3/11/2021	<0.005	0.0011 (J)							
3/16/2021			<0.005						
3/17/2021				<0.005	<0.005				
7/27/2021							<0.005		
7/28/2021						<0.005			
7/29/2021								<0.005	<0.005
8/5/2021		<0.005							
8/6/2021	<0.005								
8/9/2021				<0.005	<0.005				
8/10/2021			<0.005						
1/25/2022							0.0012 (J)		
1/26/2022						<0.005		<0.005	<0.005
1/31/2022	<0.005	0.0011 (J)							
2/1/2022				<0.005					
2/2/2022					<0.005				
2/3/2022			<0.005						
8/5/2022							0.0012 (J)		
8/8/2022								<0.005	<0.005
8/9/2022						<0.005			
8/10/2022		<0.005							
8/11/2022	<0.005								
8/16/2022				<0.005					
8/17/2022			<0.005		<0.005				
2/13/2023		<0.005							
2/14/2023	0.0016 (J)								
2/16/2023				<0.005	<0.005				
2/17/2023			<0.005						
7/25/2023	<0.005	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
7/28/2023			<0.005	<0.005	<0.005				
2/20/2024	<0.005	<0.005							
2/22/2024				<0.005	<0.005				
2/27/2024			<0.005						
8/2/2024	<0.005	<0.005							
8/8/2024			<0.005	<0.005	<0.005				
2/25/2025	<0.005	<0.005							
2/27/2025				<0.005					
2/28/2025			<0.005		<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
12/12/2008	
4/23/2009	
10/6/2009	
4/27/2010	
5/3/2010	
9/30/2010	
10/11/2010	
4/14/2011	
4/27/2011	
10/5/2011	
10/19/2011	
4/11/2012	
5/1/2012	
10/2/2012	
4/9/2013	
4/10/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/22/2014	
10/1/2014	
3/30/2015	
5/8/2015	
5/9/2015	<0.01
5/17/2015	
5/18/2015	<0.01
5/25/2015	0.0011 (J)
6/8/2015	
6/9/2015	<0.01
6/17/2015	0.0014
6/18/2015	
6/24/2015	
6/25/2015	0.001 (J)
6/30/2015	
7/1/2015	<0.01
7/6/2015	
7/7/2015	0.0011 (J)
8/12/2015	0.0011 (J)
10/11/2015	
2/29/2016	
3/2/2016	<0.01
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	<0.01
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	0.0014 (J)
7/11/2016	
7/19/2016	

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
8/1/2016	
9/7/2016	
9/8/2016	0.0015 (J)
9/16/2016	
9/26/2016	
10/26/2016	0.0016 (J)
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	0.0013 (J)
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	0.0019 (J)
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
5/17/2017	
5/18/2017	0.0012 (J)
5/19/2017	
6/6/2017	
6/12/2017	
6/14/2017	
7/12/2017	
7/19/2017	
7/20/2017	
7/28/2017	
8/9/2017	
8/24/2017	
9/15/2017	0.0012 (J)
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	<0.01
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	<0.01
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<0.01
3/8/2019	
3/12/2019	
3/13/2019	

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	0.0016 (J)
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	0.0017 (J)
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	0.0014 (J)
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	0.0017 (J)
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	0.0016 (J)
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	0.0013 (J)
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	
8/5/2022	0.0016 (J)
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014				0.0033					
9/17/2014					<0.005	<0.005	<0.005	<0.005	
9/18/2014									<0.005
10/4/2014				0.0011 (J)	<0.005	0.0034	0.025 (O)	0.001 (J)	
10/5/2014									<0.005
10/21/2014				<0.005	<0.005	<0.005	0.024 (O)	0.0011 (J)	
10/22/2014									<0.005
11/5/2014						0.0042		0.001 (J)	0.001 (J)
11/11/2014				<0.005	0.0014		0.025 (O)		
3/3/2015				<0.005	0.001 (J)	0.0038	0.029 (O)	<0.005	
3/4/2015									<0.005
3/18/2015				<0.005	<0.005	0.0031	<0.005		
3/19/2015								<0.005	<0.005
4/6/2015				<0.005	<0.005				
4/7/2015						0.0037	0.008	<0.005	<0.005
4/8/2015									
4/23/2015				0.001 (J)	<0.005	0.0033	<0.005		
4/24/2015								<0.005	<0.005
5/9/2015	<0.005	<0.005	<0.005						
5/18/2015	<0.005	<0.005							
5/19/2015			<0.005						
5/26/2015	<0.005	<0.005	<0.005						
6/9/2015	<0.005	0.0017	<0.005						
6/17/2015	<0.005	<0.005	<0.005						
6/25/2015	<0.005	<0.005	<0.005						
7/1/2015	<0.005	0.0011 (J)	<0.005						
7/7/2015	<0.005	<0.005	<0.005						
7/29/2015				<0.005	<0.005	0.0033	<0.005	<0.005	
7/30/2015									0.001 (J)
8/13/2015	<0.005	<0.005	<0.005						
3/2/2016	<0.005								
3/3/2016		<0.005	<0.005	<0.005					
3/4/2016					<0.005				
3/7/2016						<0.01 (O)	<0.005	<0.005	
3/8/2016									<0.005
5/3/2016	<0.005	<0.005							
5/5/2016						0.00385 (J)	<0.005		
5/9/2016			<0.005					<0.005	<0.005
5/10/2016				<0.005	<0.005				
7/11/2016	0.0006 (J)	<0.005	0.0005 (J)						
7/13/2016				0.0008 (J)		0.0029 (J)	0.0006 (J)		
7/14/2016					0.0035 (J)			0.0005 (J)	0.0008 (J)
7/15/2016									
9/9/2016	<0.005	<0.005	<0.005						
9/12/2016							<0.005	<0.005	<0.005
9/13/2016						0.0029 (J)			
9/14/2016					<0.005				
9/15/2016				<0.005					
10/26/2016	<0.005		<0.005						
10/27/2016		<0.005							
10/31/2016						0.0017 (J)		<0.005	<0.005
11/1/2016					<0.005		<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
11/2/2016				<0.005					
1/9/2017	<0.005	<0.005	<0.005						
1/11/2017				0.0012 (J)	<0.005		<0.005	<0.005	
1/12/2017						0.0025 (J)			0.0011 (J)
3/15/2017			<0.005						
3/16/2017	0.0008 (J)	0.0018 (J)							
3/20/2017				0.0013 (J)			0.0005		
3/21/2017					<0.005			<0.005	
3/22/2017									<0.005
3/23/2017						<0.01 (O)			
5/18/2017	0.001 (J)	<0.005	0.0011 (J)						
5/22/2017							0.0005	0.0005 (J)	0.0007 (J)
5/23/2017				0.0007 (J)	0.0021 (J)	0.0029 (J)			
9/15/2017	0.0007 (J)		<0.005						
9/18/2017		<0.005							
9/19/2017									0.0006 (J)
9/20/2017								0.0008 (J)	
9/21/2017				<0.005			0.0008		
9/22/2017					<0.005				
9/25/2017						0.0018 (J)			
3/12/2018	<0.005	<0.005							
3/13/2018			<0.005						
3/14/2018				<0.005	<0.005	0.0021 (J)	<0.005	<0.005	<0.005
9/7/2018	<0.005	<0.005	<0.005	<0.005			<0.005		
9/10/2018								<0.005	<0.005
9/11/2018					<0.005	0.0017 (J)			
3/7/2019		<0.005	<0.005						
3/8/2019	<0.005								
3/11/2019				<0.005					
3/12/2019					<0.005	<0.005	<0.005	<0.005	<0.005
9/4/2019			0.0014 (J)						
9/5/2019	0.00092 (J)	<0.005							
9/6/2019							0.00053 (J)		0.00071 (JD)
9/9/2019				<0.005		0.001 (J)		0.00056 (J)	
9/10/2019					<0.005				
3/3/2020	0.00085 (J)								
3/4/2020		0.00079 (J)	<0.005	0.0014 (J)				0.001 (J)	
3/5/2020					0.00063 (J)		0.0007 (J)		0.00075 (J)
3/6/2020						0.0019 (J)			
9/4/2020	0.0012 (J)	<0.005	0.0012 (J)						0.00078 (J)
9/8/2020									
9/9/2020				0.00056 (J)	<0.005	0.001 (J)	<0.005	<0.005	
2/25/2021	0.00078 (J)	0.00083 (J)	0.001 (J)						
2/26/2021						0.0014 (J)	0.00069 (J)	0.00067 (J)	
3/9/2021				0.0024 (J)					0.00094 (J)
3/10/2021					<0.005				
7/28/2021	<0.005	<0.005	<0.005						
7/29/2021						0.0014 (J)	<0.005		
7/30/2021				0.0017 (J)	<0.005				
8/2/2021									<0.005
8/5/2021								<0.005	
1/26/2022	<0.005		<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
1/27/2022		<0.005					0.0015 (J)	<0.005	<0.005
1/28/2022				0.0011 (J)	<0.005	0.0014 (J)			
8/5/2022			<0.005						
8/8/2022	0.0011 (J)	<0.005							
8/9/2022								<0.005	<0.005
8/10/2022						0.0014 (J)	<0.005		
8/11/2022				<0.005	<0.005				
2/9/2023						0.0015 (J)	<0.005	<0.005	
2/10/2023				0.0011 (J)	<0.005				<0.005
8/3/2023					<0.005	0.0012 (J)			<0.005
8/4/2023				<0.005			<0.005	<0.005	
2/14/2024						<0.005	<0.005	0.0028 (J)	
2/15/2024				<0.005	<0.005				<0.005
7/31/2024				<0.005	<0.005	<0.005	<0.005	<0.005	
8/1/2024									<0.005
8/2/2024									
2/19/2025							<0.005		
2/20/2025						<0.005		<0.005	<0.005
2/25/2025				<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/16/2014	
9/17/2014	
9/18/2014	0.001 (J)
10/4/2014	
10/5/2014	0.0013
10/21/2014	
10/22/2014	0.0016
11/5/2014	0.0013
11/11/2014	
3/3/2015	
3/4/2015	<0.005
3/18/2015	
3/19/2015	<0.005
4/6/2015	
4/7/2015	
4/8/2015	<0.005
4/23/2015	
4/24/2015	0.001 (J)
5/9/2015	
5/18/2015	
5/19/2015	
5/26/2015	
6/9/2015	
6/17/2015	
6/25/2015	
7/1/2015	
7/7/2015	
7/29/2015	
7/30/2015	<0.005
8/13/2015	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	<0.005
5/3/2016	
5/5/2016	
5/9/2016	<0.005
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	<0.005
9/9/2016	<0.005
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	
10/26/2016	
10/27/2016	<0.005
10/31/2016	
11/1/2016	

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	<0.005
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	<0.005
3/22/2017	
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	0.0004 (J)
9/15/2017	
9/18/2017	
9/19/2017	0.0006 (J)
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
3/12/2018	
3/13/2018	
3/14/2018	<0.005
9/7/2018	
9/10/2018	<0.005
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	<0.005
3/12/2019	
9/4/2019	
9/5/2019	
9/6/2019	0.00078 (J)
9/9/2019	
9/10/2019	
3/3/2020	0.00058 (J)
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	0.0013 (J)
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	<0.005
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	<0.005
8/5/2021	
1/26/2022	

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
1/27/2022	
1/28/2022	<0.005
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	0.0023 (J)
8/11/2022	
2/9/2023	0.0017 (J)
2/10/2023	
8/3/2023	
8/4/2023	0.0067
2/14/2024	
2/15/2024	0.0035 (J)
7/31/2024	
8/1/2024	
8/2/2024	<0.005
2/19/2025	
2/20/2025	
2/25/2025	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/15/2014						0.0028		
9/16/2014			<0.005	<0.005			0.0015	0.0026
9/18/2014	<0.005	<0.005						
10/3/2014						<0.005	0.0015	0.0021
10/4/2014			<0.005	<0.005				
10/5/2014	<0.005	<0.005						
10/20/2014						0.0029	0.0011 (J)	0.0023
10/22/2014	<0.005	<0.005						
10/23/2014			<0.005	<0.005				
11/5/2014	<0.005	0.0013						
11/10/2014			<0.005	<0.005		0.0017	<0.005	0.0022
3/2/2015						<0.005	<0.005	0.0021
3/4/2015	<0.005	<0.005	<0.005	<0.005				
3/17/2015						<0.005	<0.005	0.0022
3/19/2015	<0.005							
3/20/2015		<0.005	<0.005	<0.005				
4/5/2015						<0.005	<0.005	
4/6/2015								0.0016
4/8/2015	<0.005	0.0012 (J)	<0.005					
4/9/2015				<0.005				
4/21/2015						0.0018		
4/22/2015							<0.005	0.0013
4/23/2015		<0.005	<0.005	<0.005				
4/24/2015	<0.005							
7/28/2015						0.0015	<0.005	0.0014
7/30/2015	<0.005	<0.005	<0.005	<0.005				
3/1/2016						<0.005	<0.005	
3/2/2016								<0.005
3/4/2016			<0.005					
3/7/2016	<0.005							
3/8/2016				<0.005				
3/9/2016		<0.005						
5/2/2016						<0.005		
5/3/2016							<0.005	<0.005
5/4/2016				<0.005				
5/5/2016	<0.005		<0.005					
5/6/2016		<0.005						
7/6/2016						0.0005 (J)		
7/7/2016								0.002 (J)
7/8/2016							<0.005	
7/12/2016			<0.005					
7/14/2016	<0.005							
7/15/2016		0.0005 (J)						
7/18/2016				0.0005 (J)				
9/7/2016						<0.005	<0.005	
9/8/2016								0.001 (J)
9/12/2016	<0.005							
9/13/2016			<0.005	<0.005				
9/14/2016		<0.005						
10/25/2016						<0.005	<0.005	0.0028 (J)
10/27/2016	<0.005		<0.005	<0.005				
11/1/2016		<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/5/2017						<0.005		
1/6/2017							<0.005	
1/13/2017	<0.005		<0.005	<0.005				
1/25/2017		0.0023 (J)						
2/9/2017								0.0012 (J)
3/14/2017						0.0008 (J)	0.0006 (J)	
3/16/2017				0.0008 (J)				
3/20/2017	0.0004 (J)		<0.005					
3/22/2017		<0.005						
3/23/2017								<0.005
5/16/2017						<0.005	<0.005	
5/17/2017								0.0019 (J)
5/19/2017			<0.005	0.0006 (J)				
5/23/2017	0.0005 (J)							
5/24/2017		0.0011 (J)						
9/15/2017						<0.005	<0.005	
9/19/2017	<0.005		<0.005	0.0007 (J)				0.0022 (J)
9/21/2017		0.0014 (J)						
3/12/2018						<0.005	<0.005	
3/13/2018	<0.005		<0.005	<0.005				0.0017 (J)
3/14/2018		<0.005						
9/6/2018						<0.005	<0.005	<0.005
9/7/2018	<0.005							
9/11/2018		<0.005	<0.005	<0.005				
3/6/2019							<0.005	
3/7/2019						<0.005		<0.005
3/8/2019			<0.005	<0.005				
3/11/2019	<0.005							
3/12/2019		<0.005						
9/4/2019						0.0013 (J)	<0.005	0.00155 (JD)
9/5/2019	<0.005		<0.005	0.00044 (J)				
9/6/2019		<0.005						
3/2/2020						0.00047 (J)	<0.005	0.0014 (J)
3/3/2020	0.00057 (J)		0.00052 (J)	0.00078 (J)				
3/5/2020		0.00086 (J)						
9/3/2020							<0.005	0.0013 (J)
9/4/2020				0.00073 (J)				
9/8/2020	<0.005							
9/9/2020		<0.005	<0.005					
9/14/2020						<0.005		
2/24/2021							<0.005	0.0018 (J)
3/9/2021	<0.005		<0.005	0.00079 (J)				
3/10/2021		0.00073 (J)						
3/26/2021						0.0006 (J)		
7/27/2021						<0.005		
7/28/2021							0.018 (O)	0.0015 (J)
7/29/2021			<0.005					
7/30/2021		<0.005						
8/2/2021	<0.005			<0.005				
1/25/2022								0.0014 (J)
1/26/2022						<0.005	<0.005	
1/27/2022	<0.005			<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/28/2022		<0.005	<0.005					
4/6/2022					<0.005			
8/5/2022								<0.005
8/8/2022					<0.005	<0.005	<0.005	
8/9/2022			<0.005	<0.005				
8/10/2022	<0.005							
8/11/2022		<0.005						
2/8/2023					<0.005	<0.005	<0.005	0.0012 (J)
2/9/2023	<0.005		<0.005	<0.005				
2/10/2023		<0.005						
8/2/2023					<0.005		<0.005	<0.005
8/3/2023	<0.005	<0.005	<0.005	<0.005		<0.005		
2/13/2024					<0.005	<0.005	<0.005	<0.005
2/15/2024	<0.005		<0.005					
2/16/2024		<0.005		0.003 (J)				
7/30/2024					<0.005	<0.005	<0.005	<0.005
7/31/2024	<0.005	<0.005	<0.005	<0.005				
2/19/2025					<0.005	<0.005	<0.005	0.0034 (J)
2/20/2025	<0.005							
2/24/2025			<0.005					
2/25/2025		<0.005		<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/23/2007	<0.005	<0.005	<0.005			0.0033			
10/23/2007	<0.005								
10/24/2007		0.013	<0.005						
11/2/2007						0.0046			
11/18/2007	<0.005	0.0041	<0.005			0.0057			
1/30/2008	0.0045								
1/31/2008		<0.005	0.0083 (O)			0.0055			
3/10/2008	<0.005		<0.005						
3/11/2008		<0.005				0.0033			
5/6/2008		<0.005							
5/13/2008	<0.005		<0.005						
5/14/2008						0.0044			
12/4/2008		0.012	<0.005						
12/5/2008	<0.005					0.0035			
4/15/2009	<0.005					<0.005			
4/21/2009		<0.005	<0.005						
10/7/2009	0.0041	<0.005							
10/8/2009			<0.005			<0.005			
4/21/2010			<0.005						
4/26/2010		<0.005							
4/28/2010						<0.005			
5/3/2010	<0.005								
9/28/2010			<0.005						
10/4/2010		<0.005							
10/6/2010						<0.005			
10/12/2010	<0.005								
4/12/2011			<0.005						
4/13/2011		<0.005							
4/21/2011						<0.005			
4/27/2011	<0.005								
10/4/2011			<0.005						
10/5/2011		<0.005							
10/13/2011						<0.005			
10/17/2011	<0.005								
4/3/2012			<0.005						
4/11/2012		<0.005							
5/1/2012						<0.005			
5/2/2012	<0.005								
10/8/2012	<0.005								
10/9/2012		<0.005	<0.005			<0.005			
4/11/2013			<0.005			<0.005			
4/12/2013	<0.005								
4/15/2013		<0.005							
10/15/2013		<0.005							
10/16/2013	<0.005		<0.005			<0.005			
4/10/2014			<0.005						
4/11/2014	<0.005								
4/22/2014		<0.005							
4/23/2014						0.0013 (J)			
9/30/2014	<0.005	<0.005	<0.005						
10/4/2014						0.00081 (J)			
3/30/2015	0.0012 (J)	<0.005	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/31/2015						0.0021			
10/12/2015						0.00078 (J)			
10/13/2015	<0.005	<0.005	<0.005						
3/11/2016									
3/14/2016					0.00503 (J)				
3/15/2016							<0.005	<0.005	<0.005
3/22/2016	<0.005								
3/23/2016		<0.005	<0.005			<0.005			
5/11/2016					0.0114		<0.005		
5/12/2016								<0.005	
5/13/2016									<0.005
5/16/2016				0.00313 (JD)					
5/19/2016	<0.005		<0.005						
5/20/2016		<0.005							
5/23/2016						<0.005			
7/19/2016					0.0013 (J)				
7/20/2016								<0.005	
7/21/2016							<0.005		0.0006 (J)
7/22/2016									
7/27/2016				0.0057 (JD)					
7/29/2016	0.0004 (J)	<0.005	<0.005			0.0007 (J)			
9/15/2016					0.002 (J)		<0.005	<0.005	
9/19/2016									
9/21/2016									<0.005
9/22/2016			<0.005			0.0007 (J)			
9/23/2016	<0.005	<0.005							
11/2/2016					0.0005 (J)				
11/3/2016							<0.005	<0.005	<0.005
11/9/2016	<0.005	<0.005							
11/10/2016			<0.005			0.0007 (J)			
1/17/2017							<0.005		<0.005
1/18/2017					0.0015 (J)			<0.005	
1/30/2017	<0.005								
1/31/2017		<0.005	<0.005			0.0007 (J)			
2/21/2017				<0.005					
3/24/2017							<0.005	<0.005	
3/27/2017				<0.005 (D)					0.0005 (J)
3/28/2017					0.0025 (J)				
3/30/2017	<0.005	<0.005				0.0007 (J)			
4/3/2017			<0.005						
5/24/2017							<0.005		
6/6/2017								<0.005	<0.005
6/7/2017					0.0023 (J)				
6/8/2017				<0.005 (D)					
6/9/2017	<0.005		<0.005						
6/12/2017		<0.005				0.0007 (J)			
7/17/2017				<0.005 (D)					
7/27/2017				<0.005					
8/9/2017				<0.005					
9/25/2017								<0.005	0.0006 (J)
9/26/2017					0.0011 (J)		<0.005		
9/29/2017				<0.005 (D)					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
10/2/2017	<0.005	<0.005	<0.005						
10/4/2017						0.0006 (J)			
3/14/2018					0.00058 (J)		<0.005	<0.005	<0.005
3/16/2018	<0.005		<0.005	<0.005					
3/19/2018		<0.005				0.00059 (J)			
9/12/2018					<0.005		<0.005	<0.005	0.0011 (J)
9/14/2018		<0.005	<0.005	<0.005					
9/17/2018	<0.005 (D)					0.00057 (J)			
3/13/2019							<0.005		
3/14/2019				<0.005				<0.005	<0.005
3/15/2019					<0.005				
3/19/2019			<0.005						
3/20/2019	0.00078 (J)	<0.005				<0.005			
9/9/2019					<0.005		<0.005		
9/10/2019								<0.005 (D)	<0.005
9/12/2019	0.00047 (J)	<0.005 (D)							
9/13/2019			<0.005			0.00046 (J)			
3/6/2020								<0.005	
3/9/2020				<0.005	0.00075 (J)		<0.005		<0.005
3/11/2020	0.00037 (J)	<0.005	<0.005			0.00041 (J)			
9/10/2020					<0.005			<0.005	<0.005
9/11/2020							<0.005		
9/15/2020	0.00048 (J)	<0.005	0.001 (J)						
9/16/2020				<0.005					
3/10/2021							<0.005		<0.005
3/11/2021								<0.005	
3/12/2021					0.00079 (J)				
3/16/2021	<0.005		<0.005	<0.005					
3/17/2021		<0.005							
3/29/2021						<0.005			
8/4/2021					<0.005		<0.005	<0.005	<0.005
8/6/2021				<0.005					
8/9/2021	<0.005	<0.005	0.0016 (J)			<0.005			
1/31/2022					<0.005		<0.005	<0.005	<0.005
2/1/2022	<0.005	<0.005	0.00093 (J)						
2/2/2022				<0.005		<0.005			
8/10/2022					<0.005				
8/11/2022								<0.005	<0.005
8/12/2022							<0.005		
8/16/2022	<0.005	<0.005	0.0004 (J)	<0.005		<0.005			
2/13/2023					<0.005		<0.005	<0.005	<0.005
2/14/2023				<0.005					
2/16/2023	<0.005	<0.005	0.00065 (J)						
2/17/2023						<0.005			
7/25/2023				<0.005				<0.005	0.00053 (J)
7/26/2023					<0.005		<0.005		
7/27/2023	<0.005	<0.005	<0.005						
8/1/2023						<0.005			
2/19/2024				<0.005	<0.005		<0.005	<0.005	<0.005
2/20/2024									
2/22/2024	<0.005	<0.005				<0.005			
2/26/2024			<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/1/2024				<0.005	<0.005		<0.005	<0.005	0.0011 (J)
8/6/2024			<0.005						
8/7/2024	<0.005	<0.005							
8/8/2024						<0.005			
2/25/2025					<0.005		<0.005	<0.005	<0.005
2/26/2025				<0.005		<0.005			
2/27/2025	<0.005	<0.005	<0.005						

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/23/2007	
10/23/2007	
10/24/2007	
11/2/2007	
11/18/2007	
1/30/2008	
1/31/2008	
3/10/2008	
3/11/2008	
5/6/2008	
5/13/2008	
5/14/2008	
12/4/2008	
12/5/2008	
4/15/2009	
4/21/2009	
10/7/2009	
10/8/2009	
4/21/2010	
4/26/2010	
4/28/2010	
5/3/2010	
9/28/2010	
10/4/2010	
10/6/2010	
10/12/2010	
4/12/2011	
4/13/2011	
4/21/2011	
4/27/2011	
10/4/2011	
10/5/2011	
10/13/2011	
10/17/2011	
4/3/2012	
4/11/2012	
5/1/2012	
5/2/2012	
10/8/2012	
10/9/2012	
4/11/2013	
4/12/2013	
4/15/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/11/2014	
4/22/2014	
4/23/2014	
9/30/2014	
10/4/2014	
3/30/2015	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/31/2015	
10/12/2015	
10/13/2015	
3/11/2016	<0.005
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	<0.005
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	0.0004 (J)
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	<0.005
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	<0.005
11/9/2016	
11/10/2016	
1/17/2017	<0.005
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	<0.005
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	<0.005
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/27/2017	
8/9/2017	
9/25/2017	
9/26/2017	<0.005
9/29/2017	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
10/2/2017	
10/4/2017	
3/14/2018	<0.005
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	<0.005
9/17/2018	
3/13/2019	
3/14/2019	<0.005
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	<0.005
9/12/2019	
9/13/2019	
3/6/2020	0.00039 (J)
3/9/2020	
3/11/2020	
9/10/2020	<0.005
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	<0.005
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	<0.005
8/6/2021	
8/9/2021	
1/31/2022	<0.005
2/1/2022	
2/2/2022	
8/10/2022	<0.005
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	0.00039 (J)
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	<0.005
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	<0.005
2/22/2024	
2/26/2024	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/1/2024	<0.005
8/6/2024	
8/7/2024	
8/8/2024	
2/25/2025	<0.005
2/26/2025	
2/27/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
12/12/2008				<0.005	<0.005				
4/23/2009				<0.005	0.0029				
10/6/2009				<0.005	<0.005				
4/27/2010				<0.005					
5/3/2010					<0.005				
9/30/2010				<0.005					
10/11/2010					<0.005				
4/14/2011				<0.005					
4/27/2011					0.0028				
10/5/2011				<0.005					
10/19/2011					<0.005				
4/11/2012				<0.005					
5/1/2012					<0.005				
10/2/2012				<0.005	<0.005				
4/9/2013				<0.005					
4/10/2013					0.0014				
10/15/2013				<0.005					
10/16/2013					0.0014				
4/10/2014				<0.005					
4/22/2014					0.0013				
10/1/2014				<0.005	<0.005				
3/30/2015				<0.005	0.00079 (J)				
5/8/2015						<0.005	<0.005		<0.005
5/9/2015								<0.005	
5/17/2015						0.00059 (J)	<0.005		<0.005
5/18/2015								<0.005	
5/25/2015						<0.005	<0.005	<0.005	<0.005
6/8/2015						<0.005	<0.005	<0.005	<0.005
6/9/2015									
6/17/2015								<0.005	
6/18/2015						<0.005	<0.005		<0.005
6/24/2015						<0.005	<0.005	<0.005	<0.005
6/25/2015									
6/30/2015						<0.005	<0.005	<0.005	<0.005
7/1/2015									
7/6/2015						<0.005	<0.005	<0.005	<0.005
7/7/2015									
8/12/2015						<0.005	<0.005	<0.005	<0.005
10/11/2015				<0.005	<0.005				
2/29/2016							<0.005		
3/2/2016								<0.005	<0.005
3/11/2016	<0.005	<0.005							
3/28/2016				<0.005	<0.005				
5/3/2016								<0.005	<0.005
5/4/2016						<0.005	<0.005		
5/13/2016	<0.005	<0.005							
5/23/2016				<0.005					
5/25/2016					<0.005				
7/7/2016						<0.005			
7/8/2016							<0.005	<0.005	
7/11/2016									<0.005
7/19/2016	<0.005	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
8/1/2016				<0.005	<0.005				
9/7/2016									<0.005
9/8/2016						<0.005	<0.005	<0.005	
9/16/2016	<0.005	<0.005							
9/26/2016				<0.005	<0.005				
10/26/2016						<0.005	<0.005	<0.005	
10/27/2016									<0.005
11/2/2016	<0.005	<0.005							
11/10/2016				<0.005					
11/11/2016					<0.005				
1/6/2017						<0.005	<0.005		<0.005
1/9/2017								<0.005	
1/18/2017	<0.005	<0.005							
1/30/2017				<0.005	<0.005				
2/22/2017			<0.01						
3/15/2017						<0.005	<0.005		
3/16/2017								<0.005	<0.005
3/28/2017	<0.005	<0.005							
4/3/2017					<0.005				
4/7/2017			0.0018 (J)	<0.005					
5/17/2017							<0.005		
5/18/2017						<0.005			
5/19/2017								<0.005	<0.005
6/6/2017	<0.005	<0.005							
6/12/2017				<0.005	<0.005				
6/14/2017			0.0045 (JD)						
7/12/2017			0.0046 (JD)						
7/19/2017						<0.005			
7/20/2017			0.0109 (D)						
7/28/2017			0.0104						
8/9/2017			0.0022 (J)						
8/24/2017			0.0076 (J)						
9/15/2017							<0.005		
9/19/2017						<0.005		<0.005	<0.005
9/22/2017	<0.005	<0.005							
10/2/2017				<0.005	<0.005				
10/3/2017			0.0028 (JD)						
3/13/2018						<0.005	<0.005	<0.005	<0.005
3/14/2018	<0.005								
3/15/2018		<0.005							
3/16/2018				<0.005	<0.005				
3/21/2018			0.014						
9/6/2018							<0.005		
9/7/2018						<0.005			
9/11/2018								<0.005	<0.005
9/12/2018	<0.005	<0.005							
9/17/2018				<0.005					
9/18/2018			0.017		<0.005				
3/7/2019							<0.005		
3/8/2019						<0.005		<0.005	
3/12/2019									<0.005
3/13/2019	<0.005	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/19/2019				<0.005	<0.005				
3/21/2019			0.022 (D)						
9/4/2019						<0.005	<0.005		
9/5/2019								<0.005	<0.005
9/11/2019	<0.005	<0.005							
9/12/2019			0.02 (D)		<0.005				
9/13/2019				<0.005					
3/2/2020							<0.005		
3/3/2020						<0.005			
3/4/2020								<0.005	<0.005
3/9/2020	0.00039 (J)	<0.005							
3/11/2020				<0.005	<0.005				
3/12/2020			0.013						
9/3/2020							<0.005		
9/8/2020								<0.005	<0.005
9/9/2020						<0.005			
9/11/2020	<0.005								
9/14/2020		<0.005							
9/15/2020					<0.005				
9/16/2020				<0.005					
9/17/2020			0.019						
2/24/2021							<0.005		
2/25/2021						<0.005			
2/26/2021								<0.005	<0.005
3/11/2021	<0.005	<0.005							
3/16/2021			0.015						
3/17/2021				<0.005	<0.005				
7/27/2021							<0.005		
7/28/2021						<0.005			
7/29/2021								<0.005	<0.005
8/5/2021		<0.005							
8/6/2021	<0.005								
8/9/2021				<0.005	<0.005				
8/10/2021			0.011						
1/25/2022							<0.005		
1/26/2022						<0.005		<0.005	<0.005
1/31/2022	<0.005	<0.005							
2/1/2022				<0.005					
2/2/2022					<0.005				
2/3/2022			0.0059						
8/5/2022							<0.005		
8/8/2022								<0.005	<0.005
8/9/2022						<0.005			
8/10/2022		<0.005							
8/11/2022	<0.005								
8/16/2022				<0.005					
8/17/2022			0.015		<0.005				
2/13/2023		<0.005							
2/14/2023	<0.005								
2/16/2023				<0.005	<0.005				
2/17/2023			0.017						
7/25/2023	<0.005	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
7/28/2023			0.02	<0.005	<0.005				
2/20/2024	<0.005	<0.005							
2/22/2024				<0.005	<0.005				
2/27/2024			0.017						
8/2/2024	<0.005	<0.005							
8/8/2024			0.0056	<0.005	<0.005				
2/25/2025	<0.005	<0.005							
2/27/2025				<0.005					
2/28/2025			0.019		<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
12/12/2008	
4/23/2009	
10/6/2009	
4/27/2010	
5/3/2010	
9/30/2010	
10/11/2010	
4/14/2011	
4/27/2011	
10/5/2011	
10/19/2011	
4/11/2012	
5/1/2012	
10/2/2012	
4/9/2013	
4/10/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/22/2014	
10/1/2014	
3/30/2015	
5/8/2015	
5/9/2015	0.00057 (J)
5/17/2015	
5/18/2015	0.00055 (J)
5/25/2015	<0.005
6/8/2015	
6/9/2015	<0.005
6/17/2015	<0.005
6/18/2015	
6/24/2015	
6/25/2015	<0.005
6/30/2015	
7/1/2015	<0.005
7/6/2015	
7/7/2015	<0.005
8/12/2015	<0.005
10/11/2015	
2/29/2016	
3/2/2016	<0.005
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	<0.005
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	<0.005
7/11/2016	
7/19/2016	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
8/1/2016	
9/7/2016	
9/8/2016	<0.005
9/16/2016	
9/26/2016	
10/26/2016	<0.005
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	<0.005
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	<0.005
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
5/17/2017	
5/18/2017	<0.005
5/19/2017	
6/6/2017	
6/12/2017	
6/14/2017	
7/12/2017	
7/19/2017	
7/20/2017	
7/28/2017	
8/9/2017	
8/24/2017	
9/15/2017	<0.005
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	<0.005
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	<0.005
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<0.005
3/8/2019	
3/12/2019	
3/13/2019	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	<0.005
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	<0.005
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	<0.005
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	<0.005
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	<0.005
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	<0.005
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	
8/5/2022	<0.005
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014				0.0026					
9/17/2014					<0.005	<0.005	<0.005	<0.005	
9/18/2014									<0.005
10/4/2014				0.0015	<0.005	<0.005	0.00063 (J)	<0.005	
10/5/2014									<0.005
10/21/2014				0.00099 (J)	<0.005	<0.005	0.00058 (J)	<0.005	
10/22/2014									<0.005
11/5/2014						0.0005 (J)		<0.005	<0.005
11/11/2014				0.00097 (J)	<0.005		0.00058 (J)		
3/3/2015				0.00078 (J)	<0.005	<0.005	0.00056 (J)	<0.005	
3/4/2015									<0.005
3/18/2015				0.00081 (J)	<0.005	<0.005	<0.005		
3/19/2015								<0.005	<0.005
4/6/2015				0.0011 (J)	<0.005				
4/7/2015						<0.005	<0.005	<0.005	<0.005
4/8/2015									
4/23/2015				0.0007 (J)	<0.005	<0.005	<0.005		
4/24/2015								<0.005	<0.005
5/9/2015	<0.0025	<0.005	<0.005						
5/18/2015	0.00071 (J)	0.001 (J)							
5/19/2015			<0.005						
5/26/2015	0.00067 (J)	0.00052 (J)	<0.005						
6/9/2015	0.001 (J)	0.00087 (J)	<0.005						
6/17/2015	0.00093 (J)	<0.005	<0.005						
6/25/2015	0.00059 (J)	<0.005	<0.005						
7/1/2015	0.00059 (J)	0.0006 (J)	<0.005						
7/7/2015	0.00091 (J)	<0.005	<0.005						
7/29/2015				<0.005	<0.005	0.00076 (J)	<0.005	<0.005	
7/30/2015									<0.005
8/13/2015	0.0006 (J)	<0.005	<0.005						
3/2/2016	0.00715 (J)								
3/3/2016		<0.005	<0.005	0.00451 (JD)					
3/4/2016					<0.005				
3/7/2016						<0.005	<0.005	<0.005	
3/8/2016									<0.005
5/3/2016	0.00349 (J)	<0.005							
5/5/2016						<0.005	<0.005		
5/9/2016			<0.005					<0.005	<0.005
5/10/2016				0.00478 (J)	<0.005				
7/11/2016	0.0007 (J)	0.001 (J)	<0.005						
7/13/2016				0.0003 (J)		<0.005	<0.005		
7/14/2016					<0.005			<0.005	<0.005
7/15/2016									
9/9/2016	<0.0025	0.0006 (J)	<0.005						
9/12/2016							<0.005	<0.005	<0.005
9/13/2016						<0.005			
9/14/2016					<0.005				
9/15/2016				0.0018 (J)					
10/26/2016	<0.0025		<0.005						
10/27/2016		<0.005							
10/31/2016						<0.005		<0.005	<0.005
11/1/2016					<0.005		<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
11/2/2016				0.0022 (J)					
1/9/2017	<0.0025	<0.005	<0.005						
1/11/2017				<0.005	<0.005		<0.005	<0.005	
1/12/2017						<0.005			<0.005
3/15/2017			<0.005						
3/16/2017	0.0006 (J)	<0.005							
3/20/2017				<0.005			<0.005		
3/21/2017					<0.005			<0.005	
3/22/2017									<0.005
3/23/2017						<0.005			
5/18/2017	<0.0025	<0.005	<0.005						
5/22/2017							<0.005	<0.005	<0.005
5/23/2017				0.001 (J)	<0.005	<0.005			
9/15/2017	<0.0025		<0.005						
9/18/2017		<0.005							
9/19/2017									<0.005
9/20/2017								<0.005	
9/21/2017				0.0006 (J)			<0.005		
9/22/2017					<0.005				
9/25/2017						<0.005			
3/12/2018	0.0034 (J)	<0.005							
3/13/2018			<0.005						
3/14/2018				0.00058 (J)	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2018	<0.0025	<0.005	<0.005	0.0034 (J)			<0.005		
9/10/2018								<0.005	<0.005
9/11/2018					<0.005	<0.005			
3/7/2019		<0.005	<0.005						
3/8/2019	0.0044 (J)								
3/11/2019				<0.005					
3/12/2019					<0.005	<0.005	<0.005	<0.005	<0.005
9/4/2019			<0.005						
9/5/2019	<0.0025	<0.005							
9/6/2019							<0.005		<0.005
9/9/2019				<0.005		<0.005		<0.005	
9/10/2019					<0.005				
3/3/2020	0.0048 (J)								
3/4/2020		<0.005	<0.005	<0.005				<0.005	
3/5/2020					<0.005		<0.005		<0.005
3/6/2020						<0.005			
9/4/2020	0.0012 (J)	<0.005	<0.005						<0.005
9/8/2020									
9/9/2020				0.00069 (J)	<0.005	<0.005	<0.005	<0.005	
2/25/2021	0.0039 (J)	<0.005	<0.005						
2/26/2021						<0.005	<0.005	<0.005	
3/9/2021				0.00047 (J)					<0.005
3/10/2021					<0.005				
7/28/2021	0.006	<0.005	<0.005						
7/29/2021						<0.005	<0.005		
7/30/2021				0.00052 (J)	<0.005				
8/2/2021									<0.005
8/5/2021								<0.005	
1/26/2022	0.0035 (J)		<0.005						

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
1/27/2022		<0.005					<0.005	<0.005	<0.005
1/28/2022				<0.005	<0.005	<0.005			
8/5/2022			<0.005						
8/8/2022	0.00084 (J)	<0.005							
8/9/2022								<0.005	<0.005
8/10/2022						<0.005	<0.005		
8/11/2022				<0.005	<0.005				
2/9/2023						<0.005	<0.005	<0.005	
2/10/2023				<0.005	<0.005				<0.005
8/3/2023					<0.005	<0.005			<0.005
8/4/2023				<0.005			<0.005	<0.005	
2/14/2024						<0.005	<0.005	<0.005	
2/15/2024				<0.005	<0.005				<0.005
7/31/2024				<0.005	<0.005	<0.005	<0.005	<0.005	
8/1/2024									<0.005
8/2/2024									
2/19/2025							<0.005		
2/20/2025						<0.005		<0.005	<0.005
2/25/2025				<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/16/2014	
9/17/2014	
9/18/2014	<0.005
10/4/2014	
10/5/2014	<0.005
10/21/2014	
10/22/2014	<0.005
11/5/2014	<0.005
11/11/2014	
3/3/2015	
3/4/2015	<0.005
3/18/2015	
3/19/2015	<0.005
4/6/2015	
4/7/2015	
4/8/2015	<0.005
4/23/2015	
4/24/2015	<0.005
5/9/2015	
5/18/2015	
5/19/2015	
5/26/2015	
6/9/2015	
6/17/2015	
6/25/2015	
7/1/2015	
7/7/2015	
7/29/2015	
7/30/2015	<0.005
8/13/2015	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	0.0183 (J)
5/3/2016	
5/5/2016	
5/9/2016	0.00239 (J)
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	0.0008 (J)
9/9/2016	<0.005
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	
10/26/2016	
10/27/2016	<0.005
10/31/2016	
11/1/2016	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	<0.005
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	0.0005 (J)
3/22/2017	
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	<0.005
9/15/2017	
9/18/2017	
9/19/2017	<0.005
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
3/12/2018	
3/13/2018	
3/14/2018	0.00083 (J)
9/7/2018	
9/10/2018	0.00071 (J)
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	0.00056 (J)
3/12/2019	
9/4/2019	
9/5/2019	
9/6/2019	0.00051 (J)
9/9/2019	
9/10/2019	
3/3/2020	<0.005
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	<0.005
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	0.0004 (J)
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	0.00048 (J)
8/5/2021	
1/26/2022	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
1/27/2022	
1/28/2022	<0.005
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	<0.005
8/11/2022	
2/9/2023	<0.005
2/10/2023	
8/3/2023	
8/4/2023	<0.005
2/14/2024	
2/15/2024	<0.005
7/31/2024	
8/1/2024	
8/2/2024	<0.005
2/19/2025	
2/20/2025	
2/25/2025	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/15/2014						0.0039		
9/16/2014			<0.005	0.0006 (J)			0.00077 (J)	0.0028
9/18/2014	<0.005	<0.005						
10/3/2014						<0.005	0.0013	0.0029
10/4/2014			<0.005	<0.005				
10/5/2014	<0.005	<0.005						
10/20/2014						0.0014	0.001 (J)	0.0022
10/22/2014	<0.005	<0.005						
10/23/2014			<0.005	<0.005				
11/5/2014	<0.005	<0.005						
11/10/2014			<0.005	<0.005		<0.005	<0.005	0.0022
3/2/2015						<0.005	<0.005	
3/4/2015	<0.005	<0.005	<0.005	<0.005				
3/17/2015						<0.005	<0.005	0.0044 (O)
3/19/2015	<0.005							
3/20/2015		<0.005	<0.005	<0.005				
4/5/2015						<0.005	<0.005	
4/6/2015								0.002
4/8/2015	<0.005	<0.005	<0.005					
4/9/2015				<0.005				
4/21/2015						0.0012 (J)		
4/22/2015							<0.005	0.0016
4/23/2015		<0.005	<0.005	<0.005				
4/24/2015	<0.005							
7/28/2015						0.0012 (J)	<0.005	0.0017
7/30/2015	<0.005	<0.005	<0.005	<0.005				
3/1/2016						<0.005	0.00202 (J)	
3/2/2016								<0.01 (O)
3/4/2016			<0.005					
3/7/2016	<0.005							
3/8/2016				<0.005				
3/9/2016		<0.005						
5/2/2016						<0.005		
5/3/2016							<0.005	<0.01 (O)
5/4/2016				<0.005				
5/5/2016	<0.005		<0.005					
5/6/2016		<0.005						
7/6/2016						<0.005		
7/7/2016								0.0015 (J)
7/8/2016							0.0004 (J)	
7/12/2016			<0.005					
7/14/2016	<0.005							
7/15/2016		<0.005						
7/18/2016				<0.005				
9/7/2016						<0.005	0.0009 (J)	
9/8/2016								0.0018 (J)
9/12/2016	<0.005							
9/13/2016			<0.005	<0.005				
9/14/2016		<0.005						
10/25/2016						<0.005	0.0022 (J)	0.0019 (J)
10/27/2016	<0.005		<0.005	<0.005				
11/1/2016		<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/5/2017						<0.005		
1/6/2017							0.0011 (J)	
1/13/2017	<0.005		<0.005	<0.005				
1/25/2017		<0.005						
2/9/2017								0.0017 (J)
3/14/2017						<0.005	0.0009 (J)	
3/16/2017				<0.005				
3/20/2017	<0.005		<0.005					
3/22/2017		<0.005						
3/23/2017								0.0018 (J)
5/16/2017						<0.005	<0.005	
5/17/2017								0.0016 (J)
5/19/2017			<0.005	<0.005				
5/23/2017	<0.005							
5/24/2017		<0.005						
9/15/2017						<0.005	<0.005	
9/19/2017	0.0012 (J)		<0.005	<0.005				0.0012 (J)
9/21/2017		<0.005						
3/12/2018						<0.005	<0.005	
3/13/2018	<0.005		<0.005	<0.005				0.0013 (J)
3/14/2018		<0.005						
9/6/2018						<0.005	<0.005	0.00094 (J)
9/7/2018	<0.005							
9/11/2018		<0.005	<0.005	<0.005				
3/6/2019							<0.005	
3/7/2019						<0.005		0.00087 (J)
3/8/2019			<0.005	<0.005				
3/11/2019	<0.005							
3/12/2019		<0.005						
9/4/2019						<0.005	<0.005	0.000935 (JD)
9/5/2019	0.0012 (J)		<0.005	<0.005				
9/6/2019		<0.005						
3/2/2020						<0.005	<0.005	0.0011 (J)
3/3/2020	0.00078 (J)		<0.005	<0.005				
3/5/2020		<0.005						
9/3/2020							<0.005	0.00091 (J)
9/4/2020				0.0012 (J)				
9/8/2020	0.00087 (J)							
9/9/2020		<0.005	<0.005					
9/14/2020						<0.005		
2/24/2021							<0.005	0.0011 (J)
3/9/2021	0.00066 (J)		<0.005	<0.005				
3/10/2021		<0.005						
3/26/2021						<0.005		
7/27/2021						0.00096 (J)		
7/28/2021							<0.005	0.001 (J)
7/29/2021			<0.005					
7/30/2021		<0.005						
8/2/2021	0.00045 (J)			<0.005				
1/25/2022								0.0011 (J)
1/26/2022						<0.005	<0.005	
1/27/2022	0.0011 (J)			<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/28/2022		<0.005	<0.005					
4/6/2022					<0.005			
8/5/2022								0.00095 (J)
8/8/2022					<0.005	<0.005	<0.005	
8/9/2022			<0.005	<0.005				
8/10/2022	0.00078 (J)							
8/11/2022		<0.005						
2/8/2023					<0.005	<0.005	<0.005	0.001 (J)
2/9/2023	0.00043 (J)		<0.005	<0.005				
2/10/2023		<0.005						
8/2/2023					<0.005		<0.005	0.001 (J)
8/3/2023	0.00047 (J)	0.00047 (J)	<0.005	<0.005		<0.005		
2/13/2024					<0.005	<0.005	<0.005	0.001 (J)
2/15/2024	0.0004 (J)		<0.005					
2/16/2024		0.00034 (J)		<0.005				
7/30/2024					<0.005	<0.005	<0.005	0.00083 (J)
7/31/2024	0.00034 (J)	<0.005	<0.005	<0.005				
2/19/2025					<0.005	<0.005	<0.005	0.0032 (J)
2/20/2025	<0.005							
2/24/2025			<0.005					
2/25/2025		<0.005		<0.005				

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/23/2007	0.0066	<0.005	0.0036			0.017			
10/23/2007	0.0076								
10/24/2007		0.0088	<0.005						
11/2/2007						0.016			
11/18/2007	0.0055 (J)	0.0075	0.013			0.048			
1/30/2008	0.0094								
1/31/2008		<0.005	0.0069			0.039			
3/10/2008	0.0056		0.0044						
3/11/2008		0.0068				0.037			
5/6/2008		<0.005							
5/13/2008	0.0027		0.0033						
5/14/2008						0.051			
12/4/2008		0.013	<0.005						
12/5/2008	<0.005					0.038			
4/15/2009	<0.005					0.033			
4/21/2009		<0.005	<0.005						
10/7/2009	0.0076	<0.005							
10/8/2009			<0.005			0.037			
4/21/2010			<0.005						
4/26/2010		<0.005							
4/28/2010						0.037			
5/3/2010	<0.005								
9/28/2010			<0.005						
10/4/2010		0.0027							
10/6/2010						0.041			
10/12/2010	<0.005								
4/12/2011			<0.005						
4/13/2011		0.0029							
4/21/2011						0.034			
4/27/2011	<0.005								
10/4/2011			<0.005						
10/5/2011		<0.005							
10/13/2011						0.048			
10/17/2011	<0.005								
4/3/2012			<0.005						
4/11/2012		<0.005							
5/1/2012						0.0427			
5/2/2012	<0.005								
10/8/2012	<0.005								
10/9/2012		<0.005	<0.005			0.038			
4/11/2013			<0.005			0.038			
4/12/2013	<0.005								
4/15/2013		<0.005							
10/15/2013		<0.005							
10/16/2013	<0.005		<0.005			0.036			
4/10/2014			0.005 (J)						
4/11/2014	0.005 (J)								
4/22/2014		<0.005							
4/23/2014						0.03			
9/30/2014	<0.005	<0.005	<0.005						
10/4/2014						0.029			
3/30/2015	0.0033 (J)	<0.005	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/31/2015						0.026			
10/12/2015						0.05			
10/13/2015	0.0013 (J)	<0.005	<0.005						
3/11/2016									
3/14/2016					<0.005				
3/15/2016							<0.005	<0.005	<0.005
3/22/2016	<0.005								
3/23/2016		<0.005	<0.005			0.0297			
5/11/2016					<0.005		<0.005		
5/12/2016								<0.005	
5/13/2016									<0.005
5/16/2016				<0.005					
7/19/2016					0.0005 (J)				
7/20/2016								<0.005	
7/21/2016							<0.005		0.0005 (J)
7/22/2016									
7/27/2016				0.0271 (O)					
7/29/2016	<0.005	0.0032 (J)	0.0006 (J)			0.0419			
9/15/2016					<0.005		<0.005	0.0007 (J)	
9/19/2016									
9/21/2016									<0.005
11/2/2016					<0.005				
11/3/2016							<0.005	<0.005	<0.005
1/17/2017							<0.005		<0.005
1/18/2017					<0.005			<0.005	
2/21/2017				<0.005					
3/24/2017							<0.005	<0.005	
3/27/2017				<0.005					<0.005
3/28/2017					<0.005 (*)				
3/30/2017	0.0004 (J)	<0.005				0.0392			
4/3/2017			0.0004 (J)						
9/25/2017								0.0003 (J)	0.0007 (J)
9/26/2017					0.0005 (J)		<0.005		
9/29/2017				<0.005					
10/2/2017	0.0003 (J)	<0.005	0.0003 (J)						
10/4/2017						0.0343			
3/14/2018					<0.005		<0.005	<0.005	0.0021 (J)
3/16/2018	<0.005		<0.005	<0.005					
3/19/2018		0.0025 (J)				0.033			
9/12/2018					<0.005		<0.005	<0.005	<0.005
9/14/2018		<0.005	<0.005	0.002 (J)					
9/17/2018	<0.005 (D)					0.033			
3/13/2019							<0.005		
3/14/2019				<0.005				<0.005	0.0022 (J)
3/15/2019					<0.005				
3/19/2019			<0.005						
3/20/2019	<0.005	<0.005				0.026			
9/9/2019					<0.005		0.0022 (J)		
9/10/2019								0.00038 (JD)	0.0022 (J)
9/12/2019	<0.005	0.01273 (JD)							
9/13/2019			0.00055 (J)			0.026			
3/6/2020								0.00093 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/9/2020				0.011 (J)	0.0007 (J)		<0.005		0.0014 (J)
3/11/2020	<0.005	0.0002 (J)	0.0011 (J)			0.027			
9/10/2020					<0.005			<0.005	<0.005
9/11/2020							<0.005		
9/15/2020	<0.005	<0.005	<0.005						
9/16/2020				<0.005					
3/10/2021							<0.005		<0.005
3/11/2021								<0.005	
3/12/2021					<0.005				
3/16/2021	<0.005		<0.005	<0.005					
3/17/2021		<0.005							
3/29/2021						<0.005			
8/4/2021					<0.005		<0.005	<0.005	0.0008 (J)
8/6/2021				<0.005					
8/9/2021	<0.005	<0.005	0.0013 (J)			<0.005			
1/31/2022					<0.005		<0.005	<0.005	0.0028 (J)
2/1/2022	<0.005	<0.005	0.00096 (J)						
2/2/2022				<0.005		<0.005			
8/10/2022					<0.005				
8/11/2022								<0.005	<0.005
8/12/2022							<0.005		
8/16/2022	<0.005	<0.005	<0.005	<0.005		<0.005			
2/13/2023					<0.005		<0.005	<0.005	0.0012 (J)
2/14/2023				<0.005					
2/16/2023	<0.005	<0.005	0.0011 (J)						
2/17/2023						<0.005			
7/25/2023				<0.005				<0.005	<0.005
7/26/2023					<0.005		<0.005		
7/27/2023	0.0012 (J)	<0.005	0.0017 (J)						
8/1/2023						<0.005			
2/19/2024				<0.005	<0.005		<0.005	<0.005	0.0011 (J)
2/20/2024									
2/22/2024	<0.005	<0.005				<0.005			
2/26/2024			<0.005						
8/1/2024				<0.005	<0.005		<0.005	<0.005	0.00053 (J)
8/6/2024			<0.005						
8/7/2024	<0.005	0.00082 (J)							
8/8/2024						<0.005			
2/25/2025					<0.005		<0.005	<0.005	0.0035 (J)
2/26/2025				<0.005		<0.005			
2/27/2025	<0.005	<0.005	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/23/2007	
10/23/2007	
10/24/2007	
11/2/2007	
11/18/2007	
1/30/2008	
1/31/2008	
3/10/2008	
3/11/2008	
5/6/2008	
5/13/2008	
5/14/2008	
12/4/2008	
12/5/2008	
4/15/2009	
4/21/2009	
10/7/2009	
10/8/2009	
4/21/2010	
4/26/2010	
4/28/2010	
5/3/2010	
9/28/2010	
10/4/2010	
10/6/2010	
10/12/2010	
4/12/2011	
4/13/2011	
4/21/2011	
4/27/2011	
10/4/2011	
10/5/2011	
10/13/2011	
10/17/2011	
4/3/2012	
4/11/2012	
5/1/2012	
5/2/2012	
10/8/2012	
10/9/2012	
4/11/2013	
4/12/2013	
4/15/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/11/2014	
4/22/2014	
4/23/2014	
9/30/2014	
10/4/2014	
3/30/2015	

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/31/2015	
10/12/2015	
10/13/2015	
3/11/2016	<0.005
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	<0.005
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	<0.005
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	0.003 (J)
9/21/2016	
11/2/2016	
11/3/2016	<0.005
1/17/2017	<0.005
1/18/2017	
2/21/2017	
3/24/2017	
3/27/2017	<0.005
3/28/2017	
3/30/2017	
4/3/2017	
9/25/2017	
9/26/2017	<0.005
9/29/2017	
10/2/2017	
10/4/2017	
3/14/2018	<0.005
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	<0.005
9/17/2018	
3/13/2019	
3/14/2019	<0.005
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	<0.005
9/12/2019	
9/13/2019	
3/6/2020	0.00019 (J)

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/9/2020	
3/11/2020	
9/10/2020	<0.005
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	<0.005
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	<0.005
8/6/2021	
8/9/2021	
1/31/2022	<0.005
2/1/2022	
2/2/2022	
8/10/2022	<0.005
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	<0.005
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	<0.005
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	<0.005
2/22/2024	
2/26/2024	
8/1/2024	<0.005
8/6/2024	
8/7/2024	
8/8/2024	
2/25/2025	<0.005
2/26/2025	
2/27/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
12/12/2008				0.018	0.064 (O)				
4/23/2009				0.013	0.034				
10/6/2009				0.012	0.026				
4/27/2010				0.0095					
5/3/2010					0.014				
9/30/2010				0.0087					
10/11/2010					0.014				
4/14/2011				0.0061					
4/27/2011					0.028				
10/5/2011				<0.025					
10/19/2011					<0.013				
4/11/2012				<0.025					
5/1/2012					0.0198				
10/2/2012				<0.025	0.011				
4/9/2013				0.0053					
4/10/2013					0.018				
10/15/2013				0.0076					
10/16/2013					0.016				
4/10/2014				0.005					
4/22/2014					0.014				
10/1/2014				0.0047 (J)	0.0041 (J)				
3/30/2015				0.0048 (J)	0.012				
5/8/2015						<0.005	<0.005		<0.005
5/9/2015								<0.005	
5/17/2015						0.0015 (J)	<0.005		<0.005
5/18/2015								<0.005	
5/25/2015						<0.005	<0.005	<0.005	<0.005
6/8/2015						<0.005	<0.005	<0.005	<0.005
6/9/2015									
6/17/2015								<0.005	
6/18/2015						<0.005	<0.005		<0.005
6/24/2015						0.0012 (J)	0.00082 (J)	<0.005	<0.005
6/25/2015									
6/30/2015						0.00096 (J)	<0.005	<0.005	0.00093 (J)
7/1/2015									
7/6/2015						0.00091 (J)	<0.005	<0.005	<0.005
7/7/2015									
8/12/2015						<0.005	<0.005	<0.005	<0.005
10/11/2015				0.0055	0.0049 (J)				
2/29/2016							<0.005		
3/2/2016								<0.005	<0.005
3/11/2016	<0.005	<0.005							
3/28/2016				<0.025	0.00734 (J)				
5/13/2016	<0.005	<0.005							
7/7/2016						0.0066 (J)			
7/8/2016							<0.005	<0.005	
7/11/2016									<0.005
7/19/2016	<0.005	<0.005							
8/1/2016				0.0025 (J)	0.0049 (J)				
9/16/2016	<0.005	<0.005							
11/2/2016	<0.005	<0.005							
1/18/2017	<0.005	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/15/2017						<0.005	<0.005		
3/16/2017								<0.005	<0.005
3/28/2017	<0.005 (*)	<0.005 (*)							
4/3/2017					0.0023 (J)				
4/7/2017			0.0004 (J)	0.003 (J)					
9/15/2017							<0.005		
9/19/2017						<0.005		0.0003 (J)	0.0003 (J)
9/22/2017	0.0004 (J)	0.0006 (J)							
10/2/2017				0.0031 (J)	0.0023 (J)				
10/3/2017			<0.005 (D)						
3/13/2018						<0.005	<0.005	<0.005	<0.005
3/14/2018	<0.005								
3/15/2018		<0.005							
3/16/2018				0.0037 (J)	0.0035 (J)				
3/21/2018			<0.005						
9/6/2018							<0.005		
9/7/2018						<0.005			
9/11/2018								<0.005	<0.005
9/12/2018	<0.005	<0.005							
9/17/2018				0.0028 (J)					
9/18/2018			<0.005		0.0041 (J)				
3/7/2019							<0.005		
3/8/2019						<0.005		<0.005	
3/12/2019									<0.005
3/13/2019	<0.005	0.0015 (J)							
3/19/2019				0.0023 (J)	0.0029 (J)				
3/21/2019			<0.005 (D)						
9/4/2019						<0.005	<0.005		
9/5/2019								<0.005	<0.005
9/11/2019	0.00036 (J)	0.00026 (J)							
9/12/2019			0.00045 (JD)		0.0028 (J)				
9/13/2019				0.0023 (J)					
3/2/2020							0.00024 (J)		
3/3/2020						0.00041 (J)			
3/4/2020								0.00053 (J)	<0.005
3/9/2020	0.00035 (J)	0.00035 (J)							
3/11/2020				0.0026 (J)	0.0035 (J)				
3/12/2020			0.0002 (J)						
9/3/2020							<0.005		
9/8/2020								<0.005	<0.005
9/9/2020						0.0019 (J)			
9/11/2020	<0.005								
9/14/2020		<0.005							
9/15/2020					0.0031 (J)				
9/16/2020				0.0018 (J)					
9/17/2020			<0.005						
2/24/2021							<0.005		
2/25/2021						<0.005			
2/26/2021								<0.005	<0.005
3/11/2021	<0.005	<0.005							
3/16/2021			<0.005						
3/17/2021				0.0019 (J)	0.0024 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
7/27/2021							<0.005		
7/28/2021						<0.005			
7/29/2021								<0.005	<0.005
8/5/2021		<0.005							
8/6/2021	<0.005								
8/9/2021				0.0017 (J)	0.0028 (J)				
8/10/2021			<0.005						
1/25/2022							<0.005		
1/26/2022						<0.005		<0.005	<0.005
1/31/2022	0.0014 (J)	<0.005							
2/1/2022				0.0017 (J)					
2/2/2022					0.0033 (J)				
2/3/2022			<0.005						
8/5/2022							<0.005		
8/8/2022								<0.005	<0.005
8/9/2022						<0.005			
8/10/2022		<0.005							
8/11/2022	<0.005								
8/16/2022				0.0014 (J)					
8/17/2022			<0.005		0.0098				
2/13/2023		<0.005							
2/14/2023	<0.005								
2/16/2023				0.0015 (J)	0.0028 (J)				
2/17/2023			<0.005						
7/25/2023	<0.005	<0.005							
7/28/2023			<0.005	0.0023 (J)	0.0034 (J)				
2/20/2024	0.00068 (J)	<0.005							
2/22/2024				0.0015 (J)	0.003 (J)				
2/27/2024			<0.005						
8/2/2024	<0.005	<0.005							
8/8/2024			<0.005	0.0018 (J)	0.0027 (J)				
2/25/2025	<0.005	<0.005							
2/27/2025				0.0017 (J)					
2/28/2025			<0.005		0.004 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
12/12/2008	
4/23/2009	
10/6/2009	
4/27/2010	
5/3/2010	
9/30/2010	
10/11/2010	
4/14/2011	
4/27/2011	
10/5/2011	
10/19/2011	
4/11/2012	
5/1/2012	
10/2/2012	
4/9/2013	
4/10/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/22/2014	
10/1/2014	
3/30/2015	
5/8/2015	
5/9/2015	<0.005
5/17/2015	
5/18/2015	<0.005
5/25/2015	<0.005
6/8/2015	
6/9/2015	<0.005
6/17/2015	<0.005
6/18/2015	
6/24/2015	
6/25/2015	<0.005
6/30/2015	
7/1/2015	<0.005
7/6/2015	
7/7/2015	<0.005
8/12/2015	<0.005
10/11/2015	
2/29/2016	
3/2/2016	<0.005
3/11/2016	
3/28/2016	
5/13/2016	
7/7/2016	
7/8/2016	<0.005
7/11/2016	
7/19/2016	
8/1/2016	
9/16/2016	
11/2/2016	
1/18/2017	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/15/2017	<0.005
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
9/15/2017	0.0007 (J)
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	<0.005
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	<0.005
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<0.005
3/8/2019	
3/12/2019	
3/13/2019	
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	<0.005
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	0.00025 (J)
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	<0.005
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	<0.005
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
7/27/2021	<0.005
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	<0.005
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	
8/5/2022	<0.005
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014				0.0042 (J)					
9/17/2014					<0.005	<0.005	<0.005	<0.005	
9/18/2014									<0.005
10/4/2014				0.0024 (J)	0.0012 (J)	<0.005	0.00086 (J)	<0.005	
10/5/2014									<0.005
10/21/2014				0.002 (J)	0.0011 (J)	<0.005	<0.005	<0.005	
10/22/2014									<0.005
11/5/2014						<0.005		<0.005	<0.005
11/11/2014				0.0021 (J)	0.0015 (J)		<0.005		
3/3/2015				0.0017 (J)	0.0012 (J)	<0.005	<0.005	<0.005	
3/4/2015									<0.005
3/18/2015				0.0019 (J)	<0.005	<0.005	<0.005		
3/19/2015								<0.005	<0.005
4/6/2015				0.0014 (J)	0.00083 (J)				
4/7/2015						<0.005	<0.005	<0.005	<0.005
4/8/2015									
4/23/2015				0.0022 (J)	0.0012 (J)	<0.005	<0.005		
4/24/2015								<0.005	<0.005
5/9/2015	<0.005	<0.005	<0.005						
5/18/2015	<0.005	0.00093 (J)							
5/19/2015			<0.005						
5/26/2015	<0.005	<0.005	<0.005						
6/9/2015	<0.005	0.0014 (J)	<0.005						
6/17/2015	<0.005	<0.005	<0.005						
6/25/2015	<0.005	<0.005	<0.005						
7/1/2015	<0.005	0.0014 (J)	<0.005						
7/7/2015	0.0011 (J)	<0.005	<0.005						
7/29/2015				0.00098 (J)	<0.005	<0.005	<0.005	<0.005	
7/30/2015									<0.005
8/13/2015	<0.005	<0.005	<0.005						
3/2/2016	<0.005								
3/3/2016		<0.005	<0.005	<0.005					
3/4/2016					<0.005				
3/7/2016						<0.005	<0.005	<0.005	
3/8/2016									<0.005
7/11/2016	<0.005	<0.005	<0.005						
7/13/2016				0.0022 (J)		<0.005	<0.005		
7/14/2016					0.0124 (J)			<0.005	<0.005
7/15/2016									
3/15/2017			<0.005						
3/16/2017	<0.005	<0.005							
3/20/2017				0.002 (J)			<0.005		
3/21/2017					0.0005 (J)			0.0006 (J)	
3/22/2017									<0.005
3/23/2017						<0.005			
9/15/2017	<0.005		0.002 (J)						
9/18/2017		<0.005							
9/19/2017									0.0008 (J)
9/20/2017								0.0003 (J)	
9/21/2017				0.0018 (J)			0.0003 (J)		
9/22/2017					0.0007 (J)				
9/25/2017						<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/12/2018	<0.005	<0.005							
3/13/2018			<0.005						
3/14/2018				0.0017 (J)	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2018	<0.005	<0.005	<0.005	<0.005			<0.005		
9/10/2018								<0.005	<0.005
9/11/2018					<0.005	<0.005			
3/7/2019		<0.005	<0.005						
3/8/2019	<0.005								
3/11/2019				<0.005					
3/12/2019					<0.005	<0.005	<0.005	<0.005	<0.005
9/4/2019			0.00047 (J)						
9/5/2019	<0.005	<0.005							
9/6/2019							<0.005		<0.005
9/9/2019				0.00082 (J)		<0.005		<0.005	
9/10/2019					<0.005				
3/3/2020	<0.005								
3/4/2020		<0.005	0.0003 (J)	0.0024 (J)				0.00036 (J)	
3/5/2020					0.00023 (J)		<0.005		<0.005
3/6/2020						0.00023 (J)			
9/4/2020	<0.005	<0.005	<0.005						<0.005
9/8/2020									
9/9/2020				<0.005	<0.005	<0.005	<0.005	<0.005	
2/25/2021	<0.005	<0.005	<0.005						
2/26/2021						<0.005	<0.005	<0.005	
3/9/2021				0.0025 (J)					<0.005
3/10/2021					<0.005				
7/28/2021	<0.005	<0.005	<0.005						
7/29/2021						<0.005	<0.005		
7/30/2021				0.0024 (J)	<0.005				
8/2/2021									<0.005
8/5/2021								<0.005	
1/26/2022	<0.005		<0.005						
1/27/2022		<0.005					<0.005	<0.005	<0.005
1/28/2022				0.00088 (J)	<0.005	<0.005			
8/5/2022			<0.005						
8/8/2022	<0.005	<0.005							
8/9/2022								<0.005	<0.005
8/10/2022						<0.005	<0.005		
8/11/2022				<0.005	<0.005				
2/9/2023						<0.005	<0.005	<0.005	
2/10/2023				0.0012 (J)	<0.005				<0.005
8/3/2023					<0.005	<0.005			<0.005
8/4/2023				<0.005			<0.005	<0.005	
2/14/2024						<0.005	<0.005	<0.005	
2/15/2024				0.0017 (J)	<0.005				<0.005
7/31/2024				0.0011 (J)	<0.005	<0.005	<0.005	<0.005	
8/1/2024									<0.005
8/2/2024									
2/19/2025							<0.005		
2/20/2025						<0.005		<0.005	<0.005
2/25/2025				<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/16/2014	
9/17/2014	
9/18/2014	<0.005
10/4/2014	
10/5/2014	0.0016 (J)
10/21/2014	
10/22/2014	0.0018 (J)
11/5/2014	0.0015 (J)
11/11/2014	
3/3/2015	
3/4/2015	<0.005
3/18/2015	
3/19/2015	<0.005
4/6/2015	
4/7/2015	
4/8/2015	<0.005
4/23/2015	
4/24/2015	0.0016 (J)
5/9/2015	
5/18/2015	
5/19/2015	
5/26/2015	
6/9/2015	
6/17/2015	
6/25/2015	
7/1/2015	
7/7/2015	
7/29/2015	
7/30/2015	<0.005
8/13/2015	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	<0.005
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	0.0009 (J)
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	0.0009 (J)
3/22/2017	
3/23/2017	
9/15/2017	
9/18/2017	
9/19/2017	0.0006 (J)
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
3/12/2018	
3/13/2018	
3/14/2018	<0.005
9/7/2018	
9/10/2018	<0.005
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	<0.005
3/12/2019	
9/4/2019	
9/5/2019	
9/6/2019	0.01 (J)
9/9/2019	
9/10/2019	
3/3/2020	0.00049 (J)
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	<0.005
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	<0.005
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	0.00081 (J)
8/5/2021	
1/26/2022	
1/27/2022	
1/28/2022	<0.005
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	<0.005
8/11/2022	
2/9/2023	0.0011 (J)
2/10/2023	
8/3/2023	
8/4/2023	0.0016 (J)
2/14/2024	
2/15/2024	0.00092 (J)
7/31/2024	
8/1/2024	
8/2/2024	0.0011 (J)
2/19/2025	
2/20/2025	
2/25/2025	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/15/2014						0.0049 (J)		
9/16/2014			<0.005	<0.005			0.018	<0.005
9/18/2014	<0.005	<0.005						
10/3/2014						<0.005	0.021	0.00089 (J)
10/4/2014			<0.005	<0.005				
10/5/2014	<0.005	<0.005						
10/20/2014						0.0024 (J)	0.022	0.00087 (J)
10/22/2014	<0.005	<0.005						
10/23/2014			<0.005	<0.005				
11/5/2014	<0.005	0.001 (J)						
11/10/2014			<0.005	<0.005		<0.005	0.02	<0.005
3/2/2015						<0.005	0.015	0.004 (J)
3/4/2015	<0.005	0.0014 (J)	<0.005	<0.005				
3/17/2015						<0.005	0.016	0.0016 (J)
3/19/2015	<0.005							
3/20/2015		<0.005	<0.005	<0.005				
4/5/2015						<0.005	0.016	
4/6/2015								0.00083 (J)
4/8/2015	<0.005	0.0014 (J)	<0.005					
4/9/2015				<0.005				
4/21/2015						0.0017 (J)		
4/22/2015							0.013	0.00085 (J)
4/23/2015		<0.005	0.0011 (J)	<0.005				
4/24/2015	<0.005							
7/28/2015						0.00097 (J)	0.02	<0.005
7/30/2015	<0.005	<0.005	<0.005	<0.005				
3/1/2016						<0.005	0.0103 (J)	
3/2/2016								<0.005
3/4/2016			<0.005					
3/7/2016	<0.005							
3/8/2016				<0.005				
3/9/2016		<0.005						
7/6/2016						<0.005		
7/7/2016								<0.005
7/8/2016							0.0152 (J)	
7/12/2016			<0.005					
7/14/2016	<0.005							
7/15/2016		<0.005						
7/18/2016				<0.005				
3/14/2017						0.0003 (J)	0.0085 (J)	
3/16/2017				<0.005				
3/20/2017	0.0012 (J)		0.0003 (J)					
3/22/2017		0.0005 (J)						
3/23/2017								<0.005
9/15/2017						<0.005	0.0058 (J)	
9/19/2017	<0.005		<0.005	<0.005				0.0004 (J)
9/21/2017		0.0005 (J)						
3/12/2018						<0.005	0.0053 (J)	
3/13/2018	<0.005		<0.005	<0.005				<0.005
3/14/2018		<0.005						
9/6/2018						<0.005	0.0054 (J)	<0.005
9/7/2018	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/11/2018		<0.005	<0.005	<0.005				
3/6/2019							<0.005	
3/7/2019						<0.005		<0.005
3/8/2019			<0.005	<0.005				
3/11/2019	<0.005							
3/12/2019		<0.005						
9/4/2019						<0.005	0.0082 (J)	<0.005
9/5/2019	<0.005		0.001 (JD)	<0.005				
9/6/2019		0.00037 (J)						
3/2/2020						0.00043 (J)	0.0068 (J)	0.00019 (J)
3/3/2020	0.00022 (J)		0.00097 (J)	0.00027 (J)				
3/5/2020		0.0003 (J)						
9/3/2020							0.0067 (J)	<0.005
9/4/2020				<0.005				
9/8/2020	<0.005							
9/9/2020		<0.005	0.0017 (J)					
9/14/2020						<0.005		
2/24/2021							0.0083	<0.005
3/9/2021	<0.005		<0.005	<0.005				
3/10/2021		<0.005						
3/26/2021						<0.005		
7/27/2021						<0.005		
7/28/2021							0.014	<0.005
7/29/2021			0.00051 (J)					
7/30/2021		<0.005						
8/2/2021	<0.005			<0.005				
1/25/2022								<0.005
1/26/2022						<0.005	0.013	
1/27/2022	<0.005			<0.005				
1/28/2022		0.00068 (J)	<0.005					
4/6/2022					<0.005			
8/5/2022								<0.005
8/8/2022					<0.005	<0.005	0.0087	
8/9/2022			<0.005	<0.005				
8/10/2022	<0.005							
8/11/2022		<0.005						
2/8/2023					<0.005	<0.005	0.011	<0.005
2/9/2023	<0.005		<0.005	<0.005				
2/10/2023		<0.005						
8/2/2023					<0.005		0.014	<0.005
8/3/2023	<0.005	<0.005	<0.005	<0.005		<0.005		
2/13/2024					<0.005	0.00049 (J)	<0.005	<0.005
2/15/2024	<0.005		0.00053 (J)					
2/16/2024		<0.005		<0.005				
7/30/2024					<0.005	<0.005	0.01	<0.005
7/31/2024	<0.005	0.0018 (J)	<0.005	<0.005				
2/19/2025					<0.005	<0.005	0.016	<0.005
2/20/2025	<0.005							
2/24/2025			0.0013 (J)					
2/25/2025		<0.005		<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/11/2016									
3/14/2016					0.0657 (J)				
3/15/2016							0.0267 (J)	0.0285 (J)	0.0394 (J)
3/22/2016	0.0614 (J)								
3/23/2016		0.0477 (J)	0.0826 (J)			<0.1			
5/11/2016					0.0401 (J)		0.0255 (J)		
5/12/2016								0.022 (J)	
5/13/2016									0.0234 (J)
5/16/2016				0.0202 (JD)					
5/19/2016	0.064 (J)		0.0409 (J)						
5/20/2016		0.033 (J)							
5/23/2016						<0.1			
7/19/2016					<0.1				
7/20/2016								<0.1	
7/21/2016							<0.1		<0.1
7/22/2016									
7/27/2016				0.08 (JD)					
7/29/2016	0.11 (J)	0.16 (J)	0.07 (J)			<0.1			
9/15/2016					<0.1			<0.1	
9/19/2016							<0.1		
9/21/2016									<0.1
9/22/2016			<0.1			<0.1			
9/23/2016	0.03 (J)	0.1 (J)							
11/2/2016					0.04 (J)				
11/3/2016							0.11 (J)	0.05 (J)	0.12 (J)
11/9/2016	0.1 (J)	0.04 (J)							
11/10/2016			0.03 (J)			<0.1			
1/17/2017							0.02 (J)		0.01 (J)
1/18/2017					0.03 (J)			0.02 (J)	
1/30/2017	<0.1								
1/31/2017		<0.1	<0.1			<0.1			
2/21/2017				0.17 (JD)					
3/24/2017							<0.1	<0.1	
3/27/2017				0.09 (JD)					<0.1
3/28/2017					0.06 (J)				
3/30/2017	0.01 (J)	0.02 (J)				<0.1			
4/3/2017			0.02 (J)						
5/24/2017							<0.1		
6/6/2017								<0.1	<0.1
6/7/2017					0.06 (J)				
6/8/2017				0.05 (JD)					
6/9/2017	0.04 (J)		0.06 (J)						
6/12/2017		0.17 (J)				<0.1			
7/17/2017				0.05 (JD)					
7/27/2017				0.08 (JD)					
8/9/2017				<0.1 (*)					
9/25/2017								<0.1	<0.1
9/26/2017					0.04 (J)		<0.1		
9/29/2017				0.04 (JD)					
10/2/2017	0.07 (J)	<0.1	<0.1						
10/4/2017						<0.1			
3/14/2018					0.14 (J)		0.055 (J)	<0.1	<0.1

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/16/2018	0.029 (J)		<0.1	0.27 (J)					
3/19/2018		1.1 (O)				<0.1			
9/12/2018					<0.1		<0.1	<0.1	<0.1
9/14/2018		<0.1	<0.1	0.1 (J)					
9/17/2018	<0.1 (D)					<0.1			
3/13/2019							0.045 (X)		
3/14/2019				0.066 (X)				0.039 (X)	0.04 (X)
3/15/2019					<0.1				
3/19/2019			0.056 (J)						
3/20/2019	<0.1	<0.1				<0.1			
9/9/2019					0.054 (X)		<0.1		
9/10/2019				0.055 (X)				<0.1	<0.1
9/12/2019	0.051 (J)	<0.1 (D)							
9/13/2019			0.055 (J)			<0.1			
3/6/2020								<0.1	
3/9/2020				<0.1	<0.1		<0.1		<0.1
3/11/2020	0.052 (J)	<0.1	0.052 (J)			<0.1			
9/10/2020					<0.1			<0.1	<0.1
9/11/2020							<0.1		
9/15/2020	0.05 (J)	<0.1	<0.1						
9/16/2020				<0.1					
3/10/2021							<0.1		<0.1
3/11/2021								<0.1	
3/12/2021					0.051 (J)				
3/16/2021	<0.1		<0.1	<0.1					
3/17/2021		<0.1							
3/29/2021						0.053 (J)			
8/4/2021					<0.1		<0.1	<0.1	<0.1
8/6/2021				<0.1					
8/9/2021	<0.1	<0.1	<0.1			0.055 (J)			
1/31/2022					<0.1		<0.1	<0.1	<0.1
2/1/2022	<0.1	<0.1	<0.1						
2/2/2022				<0.1		<0.1			
8/10/2022					0.075 (J)				
8/11/2022								<0.1	<0.1
8/12/2022							0.068 (J)		
8/16/2022	0.089 (J)	0.086 (J)	0.09 (J)	<0.1		0.082 (J)			
2/13/2023					0.064 (J)		0.054 (J)	0.05 (J)	<0.1
2/14/2023				0.074 (J)					
2/16/2023	0.07 (J)	0.061 (J)	0.079 (J)						
2/17/2023						0.055 (J)			
7/25/2023				<0.1				<0.1	<0.1
7/26/2023					0.055 (J)		<0.1		
7/27/2023	0.054 (J)	0.057 (J)	0.062 (J)						
8/1/2023						<0.1			
2/19/2024				<0.1	0.057 (J)		<0.1	<0.1	<0.1
2/20/2024									
2/22/2024	0.061 (J)	0.062 (J)				<0.1			
2/26/2024			0.05 (J)						
8/1/2024				<0.1	<0.1		<0.1	<0.1	<0.1
8/6/2024			0.076 (J)						
8/7/2024	0.08 (J)	0.083 (J)							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/8/2024						0.063 (J)			
2/25/2025					0.076 (J)		0.066 (J)	0.052 (J)	0.05 (J)
2/26/2025				0.061 (J)		<0.1			
2/27/2025	0.075 (J)	0.076 (J)	0.095 (J)						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/11/2016	0.0296 (J)
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	0.0287 (J)
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	0.04 (J)
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	<0.1
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	0.04 (J)
11/9/2016	
11/10/2016	
1/17/2017	0.02 (J)
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	<0.1
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	<0.1
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/27/2017	
8/9/2017	
9/25/2017	
9/26/2017	<0.1
9/29/2017	
10/2/2017	
10/4/2017	
3/14/2018	0.06 (J)

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	<0.1
9/17/2018	
3/13/2019	
3/14/2019	0.058 (X)
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	<0.1
9/12/2019	
9/13/2019	
3/6/2020	<0.1
3/9/2020	
3/11/2020	
9/10/2020	<0.1
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	<0.1
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	<0.1
8/6/2021	
8/9/2021	
1/31/2022	<0.1
2/1/2022	
2/2/2022	
8/10/2022	0.068 (J)
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	0.056 (J)
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	<0.1
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	<0.1
2/22/2024	
2/26/2024	
8/1/2024	<0.1
8/6/2024	
8/7/2024	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/8/2024	
2/25/2025	0.06 (J)
2/26/2025	
2/27/2025	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
2/29/2016							0.0375 (J)		
3/2/2016								0.0202 (J)	0.0238 (J)
3/11/2016	0.0329 (J)	0.0141 (J)							
3/28/2016				0.0314 (J)	0.0326 (J)				
5/3/2016								0.025 (J)	0.027 (J)
5/4/2016						0.057 (JD)	0.04 (J)		
5/13/2016	0.0459 (J)	0.0141 (J)							
5/23/2016				0.027 (J)					
5/25/2016					0.0285 (J)				
7/7/2016						0.09 (JD)			
7/8/2016							0.11 (J)	0.09 (J)	
7/11/2016									<0.1
7/19/2016	<0.1	<0.1							
8/1/2016				<0.1	<0.1				
9/7/2016									<0.1
9/8/2016						0.03 (JD)	<0.1	<0.1	
9/16/2016	<0.1	<0.1							
9/26/2016				<0.1	<0.1				
10/26/2016						0.15 (JD)	0.04 (J)	0.04 (J)	
10/27/2016									0.1 (J)
11/2/2016	0.04 (J)	0.04 (J)							
11/10/2016				0.04 (J)					
11/11/2016					<0.1				
1/6/2017						0.11 (JD)	0.04 (J)		0.02 (J)
1/9/2017								0.02 (J)	
1/18/2017	<0.1	0.02 (J)							
1/30/2017				<0.1	<0.1				
2/22/2017			0.3 (D)						
3/15/2017						0.004 (JD)	<0.1		
3/16/2017								<0.1	0.04 (J)
3/28/2017	<0.1	<0.1							
4/3/2017					0.04 (J)				
4/7/2017			0.19 (JD)	<0.1					
5/17/2017							0.01 (J)		
5/18/2017						0.007 (JD)			
5/19/2017								<0.1	0.004 (J)
6/6/2017	<0.1	<0.1							
6/12/2017				0.07 (J)	0.06 (J)				
6/14/2017			0.19 (JD)						
7/12/2017			0.18 (JD)						
7/19/2017						0.12 (JD)			
7/20/2017			0.17 (JD)						
7/28/2017			0.13 (JD)						
8/9/2017			0.245 (JD)						
8/24/2017			0.16 (JD)						
9/15/2017							<0.1		
9/19/2017						0.07 (JD)		<0.1	<0.1
9/22/2017	<0.1	<0.1							
10/2/2017				<0.1	<0.1				
10/3/2017			0.17 (JD)						
3/13/2018						0.16 (J)	0.084 (J)	<0.1	0.032 (J)
3/14/2018	<0.1								

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/15/2018		<0.1							
3/16/2018				<0.1	<0.1				
3/21/2018			0.24 (J)						
9/6/2018							<0.1		
9/7/2018						<0.1			
9/11/2018								<0.1	<0.1
9/12/2018	<0.1	<0.1							
9/17/2018				<0.1					
9/18/2018			<0.3		<0.1				
3/7/2019							<0.1		
3/8/2019						0.075 (J)		<0.1	
3/12/2019									0.046 (J)
3/13/2019	<0.1	0.036 (X)							
3/19/2019				<0.1	<0.1				
3/21/2019			0.19 (JD)						
9/4/2019						<0.1	<0.1		
9/5/2019								<0.1	<0.1
9/11/2019	<0.1	<0.1							
9/12/2019			0.1 (JD)		<0.1				
9/13/2019				<0.1					
3/2/2020							<0.1		
3/3/2020						<0.1			
3/4/2020								<0.1	<0.1
3/9/2020	<0.1	<0.1							
3/11/2020				<0.1	<0.1				
3/12/2020			0.18 (J)						
9/3/2020							<0.1		
9/8/2020								<0.1	<0.1
9/9/2020						<0.1			
9/11/2020	<0.1								
9/14/2020		<0.1							
9/15/2020					<0.1				
9/16/2020				<0.1					
9/17/2020			0.12 (J)						
2/24/2021							<0.1		
2/25/2021						<0.1			
2/26/2021								<0.1	<0.1
3/11/2021	<0.1	<0.1							
3/16/2021			0.1						
3/17/2021				<0.1	<0.1				
7/27/2021							<0.1		
7/28/2021						<0.1			
7/29/2021								<0.1	<0.1
8/5/2021		<0.1							
8/6/2021	<0.1								
8/9/2021				<0.1	<0.1				
8/10/2021			0.087 (J)						
1/25/2022							<0.1		
1/26/2022						<0.1		<0.1	<0.1
1/31/2022	<0.1	<0.1							
2/1/2022				<0.1					
2/2/2022					<0.1				

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
2/3/2022			0.15						
8/5/2022							0.065 (J)		
8/8/2022								0.067 (J)	0.066 (J)
8/9/2022						0.072 (J)			
8/10/2022		0.062 (J)							
8/11/2022	<0.1								
8/16/2022				0.06 (J)					
8/17/2022			0.11		0.063 (J)				
2/13/2023		<0.1							
2/14/2023	0.052 (J)								
2/16/2023				<0.1	<0.1				
2/17/2023			0.11						
7/25/2023	<0.1	<0.1							
7/28/2023			0.077 (J)	<0.1	<0.1				
2/20/2024	<0.1	<0.1							
2/22/2024				<0.1	<0.1				
2/27/2024			0.087 (J)						
8/2/2024	<0.1	<0.1							
8/8/2024			0.16	<0.1	<0.1				
2/25/2025	<0.1	<0.1							
2/27/2025				<0.1					
2/28/2025			0.081 (J)		<0.1				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
2/29/2016	
3/2/2016	0.0427 (J)
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	0.048 (J)
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	0.12 (J)
7/11/2016	
7/19/2016	
8/1/2016	
9/7/2016	
9/8/2016	<0.1
9/16/2016	
9/26/2016	
10/26/2016	0.11 (J)
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	0.04 (J)
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	0.009 (J)
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
5/17/2017	
5/18/2017	0.02 (J)
5/19/2017	
6/6/2017	
6/12/2017	
6/14/2017	
7/12/2017	
7/19/2017	
7/20/2017	
7/28/2017	
8/9/2017	
8/24/2017	
9/15/2017	0.03 (J)
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	0.054 (J)
3/14/2018	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	<0.1
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<0.1
3/8/2019	
3/12/2019	
3/13/2019	
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	<0.1
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	<0.1
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	<0.1
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	<0.1
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	<0.1
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	<0.1
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
2/3/2022	
8/5/2022	0.073 (J)
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/2/2016	0.0293 (J)								
3/3/2016		0.0392 (J)	0.1143 (J)	0.06259 (JD)					
3/4/2016					2.1421 (O)				
3/7/2016						0.00623 (J)	0.00232 (J)	<0.1	
3/8/2016									0.00425 (J)
5/3/2016	0.049 (J)	0.058 (J)							
5/5/2016						0.045 (J)	0.025 (J)		
5/9/2016			0.0383 (J)					0.0246 (J)	0.0259 (J)
5/10/2016				0.0767 (J)	0.0258 (J)				
7/11/2016	<0.1	<0.1	<0.3						
7/13/2016				<0.3		<0.1	<0.1		
7/14/2016					<0.1			<0.1	<0.1
7/15/2016									
9/9/2016	0.05 (J)	0.02 (J)	0.1 (J)						
9/12/2016							0.02 (J)	0.03 (J)	0.03 (J)
9/13/2016						0.07 (J)			
9/14/2016					<0.1				
9/15/2016				<0.3					
10/26/2016	0.08 (J)		0.2 (J)						
10/27/2016		0.12 (J)							
10/31/2016						0.05 (J)		0.05 (J)	0.11 (J)
11/1/2016					0.06 (J)		0.05 (J)		
11/2/2016				0.08 (J)					
1/9/2017	0.05 (J)	0.06 (J)	0.26 (J)						
1/11/2017				0.19 (J)	0.33		<0.1	<0.1	
1/12/2017						0.06 (J)			0.02 (J)
3/15/2017			0.19 (J)						
3/16/2017	0.07 (J)	0.08 (J)							
3/20/2017				0.18 (J)			<0.1		
3/21/2017					0.03 (J)			<0.1	
3/22/2017									0.1 (J)
3/23/2017						0.03 (J)			
5/18/2017	<0.1	0.04 (J)	0.19 (J)						
5/22/2017							<0.1	<0.1	0.02 (J)
5/23/2017				0.1 (J)	0.004 (J)	0.02 (J)			
9/15/2017	<0.1		0.24 (J)						
9/18/2017		<0.1							
9/19/2017									<0.1
9/20/2017								<0.1	
9/21/2017				<0.3			<0.1		
9/22/2017					0.04 (J)				
9/25/2017						0.1 (J)			
3/12/2018	<0.1	<0.1							
3/13/2018			0.4						
3/14/2018				0.17 (J)	<0.1	0.12 (J)	0.12 (J)	0.045 (J)	0.035 (J)
9/7/2018	<0.1	<0.1	0.14 (J)	<0.3			<0.1		
9/10/2018								<0.1	<0.1
9/11/2018					<0.1	<0.1			
3/7/2019		<0.1	0.089 (J)						
3/8/2019	<0.1								
3/11/2019				0.23 (J)					
3/12/2019					0.056 (J)	0.05 (J)	0.042 (J)	0.04 (J)	0.048 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
6/18/2019									
9/4/2019			0.11 (J)						
9/5/2019	<0.1	<0.1							
9/6/2019							<0.1		<0.1
9/9/2019				<0.3		<0.1		<0.1	
9/10/2019					<0.1				
3/3/2020	<0.1								
3/4/2020		<0.1	0.086 (J)	0.29 (J)				<0.1	
3/5/2020					<0.1		<0.1		<0.1
3/6/2020						<0.1			
9/4/2020	<0.1	<0.1	0.086 (J)						<0.1
9/8/2020									
9/9/2020				0.17 (J)	<0.1	<0.1	<0.1	<0.1	
2/25/2021	<0.1	<0.1	0.097 (J)						
2/26/2021						<0.1	<0.1	<0.1	
3/9/2021				0.25					<0.1
3/10/2021					<0.1				
7/28/2021	<0.1	<0.1	0.091 (J)						
7/29/2021						<0.1	<0.1		
7/30/2021				0.16	<0.1				
8/2/2021									<0.1
8/5/2021								<0.1	
1/26/2022	<0.1		0.076 (J)						
1/27/2022		<0.1					<0.1	<0.1	<0.1
1/28/2022				0.17	<0.1	<0.1			
8/5/2022			0.094 (J)						
8/8/2022	0.078 (J)	0.07 (J)							
8/9/2022								0.067 (J)	0.072 (J)
8/10/2022						0.06 (J)	<0.1		
8/11/2022				0.12	0.051 (J)				
2/9/2023						0.072 (J)	<0.1	<0.1	
2/10/2023				0.22	0.057 (J)				0.054 (J)
8/3/2023					<0.1	<0.1			<0.1
8/4/2023				0.079 (J)			<0.1	<0.1	
2/14/2024						<0.1	<0.1	<0.1	
2/15/2024				0.13	<0.1				<0.1
7/31/2024				0.065 (J)	<0.1	<0.1	<0.1	<0.1	
8/1/2024									<0.1
8/2/2024									
2/19/2025							<0.1		
2/20/2025						<0.1		<0.1	<0.1
2/25/2025				0.11	0.06 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	0.00287 (J)
5/3/2016	
5/5/2016	
5/9/2016	0.0222 (J)
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	<0.1
9/9/2016	0.03 (J)
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	
10/26/2016	
10/27/2016	0.1 (J)
10/31/2016	
11/1/2016	
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	0.11 (J)
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	<0.1
3/22/2017	
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	<0.1
9/15/2017	
9/18/2017	
9/19/2017	<0.1
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
3/12/2018	
3/13/2018	
3/14/2018	<0.1
9/7/2018	
9/10/2018	<0.1
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	0.51 (O)
3/12/2019	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
6/18/2019	<0.1
9/4/2019	
9/5/2019	
9/6/2019	<0.1
9/9/2019	
9/10/2019	
3/3/2020	<0.1
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	<0.1
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	<0.1
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	<0.1
8/5/2021	
1/26/2022	
1/27/2022	
1/28/2022	<0.1
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	0.057 (J)
8/11/2022	
2/9/2023	0.064 (J)
2/10/2023	
8/3/2023	
8/4/2023	<0.1
2/14/2024	
2/15/2024	<0.1
7/31/2024	
8/1/2024	
8/2/2024	0.062 (J)
2/19/2025	
2/20/2025	
2/25/2025	0.057 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
3/1/2016						0.0172 (J)	0.0215 (J)	
3/2/2016								0.0121 (J)
3/4/2016			<0.1					
3/7/2016	0.00526 (J)							
3/8/2016				0.00246 (J)				
3/9/2016		<0.1						
5/2/2016						0.018 (J)		
5/3/2016							0.023 (J)	0.013 (J)
5/4/2016				0.027 (J)				
5/5/2016	0.049 (J)		0.039 (J)					
5/6/2016		0.056 (J)						
7/6/2016						0.02 (J)		
7/7/2016								<0.1
7/8/2016							0.02 (J)	
7/12/2016			<0.1					
7/14/2016	<0.1							
7/15/2016		<0.1						
7/18/2016				<0.1				
9/7/2016						<0.1	<0.1	
9/8/2016								<0.1
9/12/2016	0.06 (J)							
9/13/2016			0.04 (J)	0.03 (J)				
9/14/2016		0.02 (J)						
10/25/2016						0.03 (J)	0.04 (J)	0.03 (J)
10/27/2016	0.12 (J)		0.11 (J)	0.1 (J)				
11/1/2016		0.07 (J)						
1/5/2017						0.03 (J)		
1/6/2017							<0.1	
1/13/2017	0.04 (J)		<0.1	<0.1				
1/25/2017		0.01 (J)						
2/9/2017								<0.1
3/14/2017						<0.1	<0.1	
3/16/2017				<0.1				
3/20/2017	0.06 (J)		<0.1					
3/22/2017		0.02 (J)						
3/23/2017								<0.1
5/16/2017						<0.1	<0.1	
5/17/2017								<0.1
5/19/2017			0.01 (J)	<0.1				
5/23/2017	0.02 (J)							
5/24/2017		<0.1						
9/15/2017						<0.1	<0.1	
9/19/2017	<0.1		<0.1	<0.1				<0.1
9/21/2017		0.17 (J)						
3/12/2018						<0.1	<0.1	
3/13/2018	0.046 (J)		0.091 (J)	<0.1				<0.1
3/14/2018		0.18 (J)						
9/6/2018						<0.1	<0.1	<0.1
9/7/2018	<0.1							
9/11/2018		<0.1	<0.1	<0.1				
3/6/2019							<0.1	
3/7/2019						<0.1		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
3/8/2019			<0.1	<0.1				
3/11/2019	<0.1							
3/12/2019		0.06 (J)						
9/4/2019						<0.1	<0.1	<0.1
9/5/2019	<0.1		<0.1	<0.1				
9/6/2019		<0.1						
3/2/2020						<0.1	<0.1	<0.1
3/3/2020	<0.1		<0.1	<0.1				
3/5/2020		<0.1						
9/3/2020							<0.1	<0.1
9/4/2020				<0.1				
9/8/2020	<0.1							
9/9/2020		<0.1	<0.1					
9/14/2020						<0.1		
2/24/2021							<0.1	<0.1
3/9/2021	<0.1		<0.1	<0.1				
3/10/2021		<0.1						
3/26/2021						<0.1		
7/27/2021						<0.1		
7/28/2021							<0.1	<0.1
7/29/2021			<0.1					
7/30/2021		<0.1						
8/2/2021	<0.1			<0.1				
1/25/2022								<0.1
1/26/2022						<0.1	<0.1	
1/27/2022	<0.1			<0.1				
1/28/2022		<0.1	<0.1					
4/6/2022					<0.1			
8/5/2022								<0.1
8/8/2022					0.063 (J)	0.062 (J)	0.061 (J)	
8/9/2022			0.072 (J)	0.068 (J)				
8/10/2022	0.055 (J)							
8/11/2022		0.073 (J)						
2/8/2023					<0.1	<0.1	<0.1	<0.1
2/9/2023	0.052 (J)		0.053 (J)	<0.1				
2/10/2023		0.078 (J)						
8/2/2023					<0.1		<0.1	<0.1
8/3/2023	<0.1	<0.1	<0.1	<0.1		<0.1		
2/13/2024					<0.1	<0.1	<0.1	<0.1
2/15/2024	<0.1		<0.1					
2/16/2024		0.054 (J)		0.055 (J)				
7/30/2024					<0.1	<0.1	<0.1	<0.1
7/31/2024	<0.1	<0.1	<0.1	<0.1				
2/19/2025					<0.1	<0.1	<0.1	<0.1
2/20/2025	<0.1							
2/24/2025			<0.1					
2/25/2025		0.064 (J)		0.056 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/23/2007	<0.001	<0.001	<0.001			<0.001			
10/23/2007	<0.001								
10/24/2007		<0.001	<0.001						
11/2/2007						<0.001			
11/18/2007	<0.001	<0.001	<0.001			<0.001			
1/30/2008	<0.001								
1/31/2008		<0.001	<0.001			<0.001			
3/10/2008	<0.001		<0.001						
3/11/2008		<0.001				<0.001			
5/6/2008		<0.001							
5/13/2008	<0.001		<0.001						
5/14/2008						<0.001			
12/4/2008		<0.001	<0.001						
12/5/2008	<0.001					<0.001			
4/15/2009	<0.001					<0.001			
4/21/2009		<0.001	<0.001						
10/7/2009	<0.001	<0.001							
10/8/2009			<0.001			<0.001			
4/21/2010			<0.001						
4/26/2010		<0.001							
4/28/2010						<0.001			
5/3/2010	<0.001								
9/28/2010			<0.001						
10/4/2010		<0.001							
10/6/2010						<0.001			
10/12/2010	<0.001								
4/12/2011			<0.001						
4/13/2011		<0.001							
4/21/2011						<0.001			
4/27/2011	<0.001								
10/4/2011			<0.001						
10/5/2011		<0.001							
10/13/2011						<0.001			
10/17/2011	<0.001								
4/3/2012			<0.001						
4/11/2012		<0.001							
5/1/2012						<0.001			
5/2/2012	<0.001								
10/8/2012	<0.001								
10/9/2012		<0.001	<0.001			<0.001			
4/11/2013			<0.001			<0.001			
4/12/2013	<0.001								
4/15/2013		<0.001							
10/15/2013		<0.001							
10/16/2013	<0.001		<0.001			<0.001			
4/10/2014			<0.001						
4/11/2014	<0.001								
4/22/2014		<0.001							
4/23/2014						<0.001			
9/30/2014	<0.001	<0.001	<0.001						
10/4/2014						<0.001			
3/30/2015	0.0028 (J)	<0.001	<0.001						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/31/2015						<0.001			
10/12/2015						<0.001			
10/13/2015	<0.001	<0.001	<0.001						
3/11/2016									
3/14/2016					<0.001				
3/15/2016							<0.001	<0.001	<0.001
3/22/2016	<0.001								
3/23/2016		<0.001	<0.001			<0.001			
5/11/2016					<0.001		<0.001		
5/12/2016								<0.001	
5/13/2016									<0.001
5/16/2016				<0.001 (D)					
5/19/2016	<0.001		<0.001						
5/20/2016		<0.001							
5/23/2016						<0.001			
7/19/2016					<0.001				
7/20/2016								<0.001	
7/21/2016							<0.001		0.0001 (J)
7/22/2016									
7/27/2016				0.0011 (JD)					
7/29/2016	0.0002 (J)	0.0001 (J)	<0.001			<0.001			
9/15/2016					<0.001		<0.001	<0.001	
9/19/2016									
9/21/2016									<0.001
9/22/2016			<0.001			<0.001			
9/23/2016	<0.001	<0.001							
11/2/2016					<0.001				
11/3/2016							<0.001	<0.001	<0.001
11/9/2016	0.0004 (J)	<0.001							
11/10/2016			<0.001			<0.001			
1/17/2017							<0.001		<0.001
1/18/2017					<0.001			<0.001	
1/30/2017	<0.001								
1/31/2017		<0.001	<0.001			<0.001			
2/21/2017				<0.001					
3/24/2017							<0.001 (*)	<0.001	
3/27/2017				<0.001 (D)					<0.001
3/28/2017					<0.001 (*)				
3/30/2017	8E-05 (J)	<0.001				<0.001			
4/3/2017			<0.001						
5/24/2017							0.0001 (J)		
6/6/2017								<0.001	<0.001
6/7/2017					8E-05 (J)				
6/8/2017				<0.001 (D)					
6/9/2017	0.0001 (J)		<0.001						
6/12/2017		<0.001				<0.001			
7/17/2017				<0.001 (D)					
7/27/2017				0.0001 (J)					
8/9/2017				<0.001					
9/25/2017								<0.001	0.0001 (J)
9/26/2017					0.0002 (J)		0.0001 (J)		
9/29/2017				<0.001 (D)					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
10/2/2017	0.0002 (J)	<0.001	<0.001						
10/4/2017						<0.001			
3/14/2018					<0.001		0.00046 (J)	<0.001	0.00031 (J)
3/16/2018	<0.001		<0.001	<0.001					
3/19/2018		<0.001				<0.001			
9/12/2018					<0.001		<0.001	<0.001	<0.001
9/14/2018		<0.001	<0.001	<0.001					
9/17/2018	<0.001 (D)					<0.001			
3/13/2019							<0.001		
3/14/2019				<0.001				<0.001	0.00031 (J)
3/15/2019					<0.001				
3/19/2019			<0.001						
3/20/2019	<0.001	<0.001				<0.001			
9/9/2019					<0.001		<0.001		
9/10/2019								<0.001 (D)	<0.001
9/12/2019	<0.001	0.002536 (JD)							
9/13/2019			<0.001			<0.001			
3/6/2020								9.1E-05 (J)	
3/9/2020				0.00027 (J)	5.5E-05 (J)		9.5E-05 (J)		4.9E-05 (J)
3/11/2020	<0.001	<0.001	5.8E-05 (J)			<0.001			
9/10/2020					<0.001			<0.001	<0.001
9/11/2020							<0.001		
9/15/2020	9.3E-05 (J)	<0.001	5E-05 (J)						
9/16/2020				0.0005 (J)					
3/10/2021							<0.001		0.00012 (J)
3/11/2021								<0.001	
3/12/2021					0.0002 (J)				
3/16/2021	5.2E-05 (J)		7E-05 (J)	0.0002 (J)					
3/17/2021		<0.001							
3/29/2021						<0.001			
8/4/2021					<0.001		<0.001	<0.001	<0.001
8/6/2021				<0.001					
8/9/2021	<0.001	<0.001	<0.001			<0.001			
1/31/2022					<0.001		<0.001	<0.001	<0.001
2/1/2022	<0.001	<0.001	<0.001						
2/2/2022				<0.001		<0.001			
8/10/2022					<0.001				
8/11/2022								<0.001	<0.001
8/12/2022							<0.001		
8/16/2022	<0.001	<0.001	<0.001	<0.001		<0.001			
2/13/2023					<0.001		<0.001	<0.001	<0.001
2/14/2023				<0.001					
2/16/2023	<0.001	<0.001	<0.001						
2/17/2023						<0.001			
7/25/2023				0.00014 (J)				<0.001	<0.001
7/26/2023					<0.001		<0.001		
7/27/2023	<0.001	<0.001	<0.001						
8/1/2023						<0.001			
2/19/2024				<0.001	<0.001		<0.001	<0.001	<0.001
2/20/2024									
2/22/2024	<0.001	<0.001				<0.001			
2/26/2024			<0.001						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/1/2024				<0.001	<0.001		<0.001	<0.001	<0.001
8/6/2024			<0.001						
8/7/2024	<0.001	<0.001							
8/8/2024						<0.001			
2/25/2025					<0.001		<0.001	<0.001	<0.001
2/26/2025				<0.001		<0.001			
2/27/2025	<0.001	<0.001	<0.001						

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/23/2007	
10/23/2007	
10/24/2007	
11/2/2007	
11/18/2007	
1/30/2008	
1/31/2008	
3/10/2008	
3/11/2008	
5/6/2008	
5/13/2008	
5/14/2008	
12/4/2008	
12/5/2008	
4/15/2009	
4/21/2009	
10/7/2009	
10/8/2009	
4/21/2010	
4/26/2010	
4/28/2010	
5/3/2010	
9/28/2010	
10/4/2010	
10/6/2010	
10/12/2010	
4/12/2011	
4/13/2011	
4/21/2011	
4/27/2011	
10/4/2011	
10/5/2011	
10/13/2011	
10/17/2011	
4/3/2012	
4/11/2012	
5/1/2012	
5/2/2012	
10/8/2012	
10/9/2012	
4/11/2013	
4/12/2013	
4/15/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/11/2014	
4/22/2014	
4/23/2014	
9/30/2014	
10/4/2014	
3/30/2015	

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/31/2015	
10/12/2015	
10/13/2015	
3/11/2016	<0.001
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	<0.001
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	0.0001 (J)
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	0.0002 (J)
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	<0.001
11/9/2016	
11/10/2016	
1/17/2017	<0.001
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	<0.001
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	<0.001
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/27/2017	
8/9/2017	
9/25/2017	
9/26/2017	<0.001
9/29/2017	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
10/2/2017	
10/4/2017	
3/14/2018	<0.001
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	<0.001
9/17/2018	
3/13/2019	
3/14/2019	<0.001
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	<0.001
9/12/2019	
9/13/2019	
3/6/2020	0.00011 (J)
3/9/2020	
3/11/2020	
9/10/2020	<0.001
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	<0.001
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	<0.001
8/6/2021	
8/9/2021	
1/31/2022	<0.001
2/1/2022	
2/2/2022	
8/10/2022	<0.001
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	<0.001
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	<0.001
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	<0.001
2/22/2024	
2/26/2024	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/1/2024	<0.001
8/6/2024	
8/7/2024	
8/8/2024	
2/25/2025	<0.001
2/26/2025	
2/27/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
12/12/2008				<0.001	<0.001				
4/23/2009				<0.001	<0.001				
10/6/2009				<0.001	<0.001				
4/27/2010				<0.001					
5/3/2010					<0.001				
9/30/2010				<0.001					
10/11/2010					<0.001				
4/14/2011				<0.001					
4/27/2011					<0.001				
10/5/2011				<0.001					
10/19/2011					<0.001				
4/11/2012				<0.001					
5/1/2012					0.0012				
10/2/2012				<0.001	<0.001				
4/9/2013				<0.001					
4/10/2013					<0.001				
10/15/2013				<0.001					
10/16/2013					<0.001				
4/10/2014				<0.001					
4/22/2014					<0.001				
10/1/2014				<0.001	<0.001				
3/30/2015				<0.001	<0.001				
5/8/2015						<0.001	<0.001		<0.001
5/9/2015								<0.001	
5/17/2015						<0.001	<0.001		<0.001
5/18/2015								<0.001	
5/25/2015						<0.001	<0.001	<0.001	<0.001
6/8/2015						<0.001	<0.001	<0.001	<0.001
6/9/2015									
6/17/2015								<0.001	
6/18/2015						<0.001	<0.001		<0.001
6/24/2015						<0.001	<0.001	<0.001	<0.001
6/25/2015									
6/30/2015						<0.001	<0.001	<0.001	<0.001
7/1/2015									
7/6/2015						<0.001	<0.001	<0.001	<0.001
7/7/2015									
8/12/2015						<0.001	<0.001	<0.001	<0.001
10/11/2015				<0.001	<0.001				
2/29/2016							<0.001		
3/2/2016								<0.001	<0.001
3/11/2016	<0.001	<0.001							
3/28/2016				<0.001	<0.001				
5/3/2016								<0.001	<0.001
5/4/2016						<0.001	<0.001		
5/13/2016	<0.001	<0.001							
5/23/2016				<0.001					
5/25/2016					<0.001				
7/7/2016						0.0002 (J)			
7/8/2016							<0.001	0.0002 (J)	
7/11/2016									<0.001
7/19/2016	<0.001	<0.001							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
8/1/2016				<0.001	<0.001				
9/7/2016									<0.001
9/8/2016						<0.001	<0.001	0.0002 (J)	
9/16/2016	<0.001	<0.001							
9/26/2016				0.0001 (J)	<0.001				
10/26/2016						<0.001	<0.001	<0.001	
10/27/2016									<0.001
11/2/2016	<0.001	<0.001							
11/10/2016				<0.001					
11/11/2016					<0.001				
1/6/2017						<0.001	<0.001		<0.001
1/9/2017								<0.001	
1/18/2017	<0.001	<0.001							
1/30/2017				<0.001	<0.001				
2/22/2017			0.0002 (J)						
3/15/2017						<0.001	<0.001		
3/16/2017								0.0001 (J)	5E-05 (J)
3/28/2017	<0.001	<0.001							
4/3/2017					<0.001				
4/7/2017			<0.001	<0.001					
5/17/2017							<0.001		
5/18/2017						<0.001			
5/19/2017								9E-05 (J)	0.0001 (J)
6/6/2017	7E-05 (J)	0.0001 (J)							
6/12/2017				<0.001	<0.001				
6/14/2017			<0.001 (D)						
7/12/2017			<0.001 (D)						
7/19/2017						<0.001			
7/20/2017			<0.001 (D)						
7/28/2017			<0.001						
8/9/2017			<0.001						
8/24/2017			<0.001						
9/15/2017							<0.001		
9/19/2017						<0.001		0.0001 (J)	<0.001
9/22/2017	8E-05 (J)	7E-05 (J)							
10/2/2017				0.0003 (J)	<0.001				
10/3/2017			<0.001 (D)						
3/13/2018						<0.001	<0.001	<0.001	<0.001
3/14/2018	<0.001								
3/15/2018		0.0038 (J)							
3/16/2018				<0.001	<0.001				
3/21/2018			<0.001						
9/6/2018							<0.001		
9/7/2018						<0.001			
9/11/2018								<0.001	<0.001
9/12/2018	<0.001	<0.001							
9/17/2018				<0.001					
9/18/2018			<0.001		<0.001				
3/7/2019							<0.001		
3/8/2019						<0.001		<0.001	
3/12/2019									<0.001
3/13/2019	<0.001	<0.001							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/19/2019				<0.001	<0.001				
3/21/2019			<0.001 (D)						
9/4/2019						<0.001	<0.001		
9/5/2019								8E-05 (J)	8.3E-05 (J)
9/11/2019	0.0001 (J)	9.2E-05 (J)							
9/12/2019			6.5E-05 (JD)		<0.001				
9/13/2019				<0.001					
3/2/2020							<0.001		
3/3/2020						5.1E-05 (J)			
3/4/2020								0.00016 (J)	6.6E-05 (J)
3/9/2020	9.1E-05 (J)	9.6E-05 (J)							
3/11/2020				<0.001	<0.001				
3/12/2020			<0.001						
9/3/2020							<0.001		
9/8/2020								0.00012 (J)	0.0006 (J)
9/9/2020						8.9E-05 (J)			
9/11/2020	4.6E-05 (J)								
9/14/2020		6.6E-05 (J)							
9/15/2020					<0.001				
9/16/2020				9.3E-05 (J)					
9/17/2020			<0.001						
2/24/2021							<0.001		
2/25/2021						<0.001			
2/26/2021								0.00012 (J)	6.4E-05 (J)
3/11/2021	6.3E-05 (J)	0.00013 (J)							
3/16/2021			<0.001						
3/17/2021				<0.001	<0.001				
7/27/2021							<0.001		
7/28/2021						<0.001			
7/29/2021								<0.001	<0.001
8/5/2021		<0.001							
8/6/2021	<0.001								
8/9/2021				<0.001	<0.001				
8/10/2021			<0.001						
1/25/2022							<0.001		
1/26/2022						<0.001		<0.001	<0.001
1/31/2022	<0.001	<0.001							
2/1/2022				<0.001					
2/2/2022					<0.001				
2/3/2022			<0.001						
8/5/2022							<0.001		
8/8/2022								<0.001	<0.001
8/9/2022						<0.001			
8/10/2022		<0.001							
8/11/2022	<0.001								
8/16/2022				<0.001					
8/17/2022			<0.001		<0.001				
2/13/2023		<0.001							
2/14/2023	<0.001								
2/16/2023				<0.001	<0.001				
2/17/2023			<0.001						
7/25/2023	0.00018 (J)	<0.001							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
7/28/2023			<0.001	<0.001	<0.001				
2/20/2024	<0.001	<0.001							
2/22/2024				<0.001	<0.001				
2/27/2024			<0.001						
8/2/2024	<0.001	<0.001							
8/8/2024			<0.001	<0.001	<0.001				
2/25/2025	<0.001	<0.001							
2/27/2025				<0.001					
2/28/2025			<0.001		<0.001				

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
12/12/2008	
4/23/2009	
10/6/2009	
4/27/2010	
5/3/2010	
9/30/2010	
10/11/2010	
4/14/2011	
4/27/2011	
10/5/2011	
10/19/2011	
4/11/2012	
5/1/2012	
10/2/2012	
4/9/2013	
4/10/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/22/2014	
10/1/2014	
3/30/2015	
5/8/2015	
5/9/2015	<0.001
5/17/2015	
5/18/2015	<0.001
5/25/2015	<0.001
6/8/2015	
6/9/2015	<0.001
6/17/2015	<0.001
6/18/2015	
6/24/2015	
6/25/2015	<0.001
6/30/2015	
7/1/2015	<0.001
7/6/2015	
7/7/2015	<0.001
8/12/2015	<0.001
10/11/2015	
2/29/2016	
3/2/2016	<0.001
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	<0.001
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	<0.001
7/11/2016	
7/19/2016	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
8/1/2016	
9/7/2016	
9/8/2016	<0.001
9/16/2016	
9/26/2016	
10/26/2016	<0.001
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	<0.001
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	<0.001
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
5/17/2017	
5/18/2017	<0.001
5/19/2017	
6/6/2017	
6/12/2017	
6/14/2017	
7/12/2017	
7/19/2017	
7/20/2017	
7/28/2017	
8/9/2017	
8/24/2017	
9/15/2017	<0.001
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	<0.001
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	<0.001
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<0.001
3/8/2019	
3/12/2019	
3/13/2019	

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	<0.001
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	4.8E-05 (J)
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	<0.001
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	<0.001
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	<0.001
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	<0.001
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	
8/5/2022	<0.001
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014				<0.001					
9/17/2014					<0.001	<0.001	<0.001	<0.001	
9/18/2014									<0.001
10/4/2014				<0.001	<0.001	<0.001	<0.001	<0.001	
10/5/2014									<0.001
10/21/2014				<0.001	<0.001	<0.001	<0.001	<0.001	
10/22/2014									<0.001
11/5/2014						<0.001		<0.001	<0.001
11/11/2014				<0.001	<0.001		<0.001		
3/3/2015				<0.001	<0.001	<0.001	<0.001	<0.001	
3/4/2015									<0.001
3/18/2015				<0.001	<0.001	<0.001	<0.001		
3/19/2015								<0.001	<0.001
4/6/2015				<0.001	<0.001				
4/7/2015						<0.001	<0.001	<0.001	<0.001
4/8/2015									
4/23/2015				<0.001	<0.001	<0.001	<0.001		
4/24/2015								<0.001	<0.001
5/9/2015	<0.001	<0.001	<0.001						
5/18/2015	<0.001	<0.001							
5/19/2015			<0.001						
5/26/2015	<0.001	<0.001	<0.001						
6/9/2015	<0.001	<0.001	<0.001						
6/17/2015	<0.001	<0.001	<0.001						
6/25/2015	<0.001	<0.001	<0.001						
7/1/2015	<0.001	<0.001	<0.001						
7/7/2015	<0.001	<0.001	<0.001						
7/29/2015				<0.001	<0.001	<0.001	<0.001	<0.001	
7/30/2015									<0.001
8/13/2015	<0.001	<0.001	<0.001						
3/2/2016	<0.001								
3/3/2016		<0.001	<0.001	<0.001					
3/4/2016					<0.001				
3/7/2016						<0.001	<0.001	<0.001	
3/8/2016									<0.001
5/3/2016	<0.001	<0.001							
5/5/2016						<0.001	<0.001		
5/9/2016			<0.001					<0.001	<0.001
5/10/2016				<0.001	<0.001				
7/11/2016	<0.001	0.0001 (J)	0.0003 (J)						
7/13/2016				<0.001		0.0001 (J)	<0.001		
7/14/2016					0.0006 (J)			9E-05 (J)	<0.001
7/15/2016									
9/9/2016	<0.001	<0.001	0.0001 (J)						
9/12/2016							0.0002 (J)	<0.001	<0.001
9/13/2016						<0.001			
9/14/2016					<0.001				
9/15/2016				<0.001					
10/26/2016	<0.001		<0.001						
10/27/2016		0.0001 (J)							
10/31/2016						<0.001		<0.001	<0.001
11/1/2016					<0.001		0.0001 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
11/2/2016				<0.001					
1/9/2017	<0.001	<0.001	<0.001						
1/11/2017				0.0001 (J)	<0.001		<0.001	<0.001	
1/12/2017						0.0002 (J)			<0.001
3/15/2017			0.0001 (J)						
3/16/2017	7E-05 (J)	0.0001 (J)							
3/20/2017				<0.001			7E-05 (J)		
3/21/2017					<0.001			7E-05 (J)	
3/22/2017									<0.001
3/23/2017						0.0002 (J)			
5/18/2017	0.0001 (J)	7E-05 (J)	0.0001 (J)						
5/22/2017							<0.001	<0.001	<0.001
5/23/2017				8E-05 (J)	<0.001	0.0002 (J)			
9/15/2017	<0.001		0.0001 (J)						
9/18/2017		<0.001							
9/19/2017									<0.001
9/20/2017								0.0004 (J)	
9/21/2017				9E-05 (J)			0.0003 (J)		
9/22/2017					<0.001				
9/25/2017						8E-05 (J)			
3/12/2018	<0.001	<0.001							
3/13/2018			<0.001						
3/14/2018				<0.001	<0.001	<0.001	0.00035 (J)	<0.001	<0.001
9/7/2018	<0.001	<0.001	<0.001	<0.001			<0.001		
9/10/2018								<0.001	<0.001
9/11/2018					<0.001	<0.001			
3/7/2019		<0.001	<0.001						
3/8/2019	<0.001								
3/11/2019				<0.001					
3/12/2019					<0.001	<0.001	<0.001	<0.001	<0.001
9/4/2019			<0.001						
9/5/2019	<0.001	<0.001							
9/6/2019							<0.001		<0.001
9/9/2019				<0.001		5E-05 (J)		<0.001	
9/10/2019					<0.001				
3/3/2020	4.8E-05 (J)								
3/4/2020		<0.001	5E-05 (J)	<0.001				0.0003 (J)	
3/5/2020					<0.001		0.00032 (J)		<0.001
3/6/2020						0.00013 (J)			
9/4/2020	0.0001 (J)	<0.001	<0.001						<0.001
9/8/2020									
9/9/2020				0.00017 (J)	<0.001	6E-05 (J)	0.00025 (J)	<0.001	
2/25/2021	9E-05 (J)	3.8E-05 (J)	4.5E-05 (J)						
2/26/2021						9.4E-05 (J)	0.00025 (J)	<0.001	
3/9/2021				0.00011 (J)					<0.001
3/10/2021					<0.001				
7/28/2021	<0.001	<0.001	<0.001						
7/29/2021						<0.001	<0.001		
7/30/2021				<0.001	<0.001				
8/2/2021									<0.001
8/5/2021								<0.001	
1/26/2022	<0.001		<0.001						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
1/27/2022		<0.001					<0.001	<0.001	<0.001
1/28/2022				<0.001	<0.001	<0.001			
8/5/2022			<0.001						
8/8/2022	<0.001	<0.001							
8/9/2022								<0.001	<0.001
8/10/2022						<0.001	<0.001		
8/11/2022				<0.001	<0.001				
2/9/2023						<0.001	<0.001	<0.001	
2/10/2023				<0.001	<0.001				<0.001
8/3/2023					<0.001	<0.001			<0.001
8/4/2023				<0.001			<0.001	<0.001	
2/14/2024						<0.001	<0.001	0.00024 (J)	
2/15/2024				<0.001	<0.001				<0.001
7/31/2024				<0.001	<0.001	<0.001	<0.001	<0.001	
8/1/2024									<0.001
8/2/2024									
2/19/2025							<0.001		
2/20/2025						<0.001		0.00026 (J)	<0.001
2/25/2025				<0.001	<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/16/2014	
9/17/2014	
9/18/2014	<0.001
10/4/2014	
10/5/2014	<0.001
10/21/2014	
10/22/2014	<0.001
11/5/2014	<0.001
11/11/2014	
3/3/2015	
3/4/2015	<0.001
3/18/2015	
3/19/2015	<0.001
4/6/2015	
4/7/2015	
4/8/2015	<0.001
4/23/2015	
4/24/2015	<0.001
5/9/2015	
5/18/2015	
5/19/2015	
5/26/2015	
6/9/2015	
6/17/2015	
6/25/2015	
7/1/2015	
7/7/2015	
7/29/2015	
7/30/2015	<0.001
8/13/2015	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	<0.001
5/3/2016	
5/5/2016	
5/9/2016	<0.001
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	<0.001
9/9/2016	<0.001
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	
10/26/2016	
10/27/2016	<0.001
10/31/2016	
11/1/2016	

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	<0.001
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	6E-05 (J)
3/22/2017	
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	<0.001
9/15/2017	
9/18/2017	
9/19/2017	<0.001
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
3/12/2018	
3/13/2018	
3/14/2018	<0.001
9/7/2018	
9/10/2018	<0.001
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	<0.001
3/12/2019	
9/4/2019	
9/5/2019	
9/6/2019	0.0016 (J)
9/9/2019	
9/10/2019	
3/3/2020	<0.001
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	6.7E-05 (J)
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	<0.001
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	<0.001
8/5/2021	
1/26/2022	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
1/27/2022	
1/28/2022	<0.001
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	<0.001
8/11/2022	
2/9/2023	<0.001
2/10/2023	
8/3/2023	
8/4/2023	<0.001
2/14/2024	
2/15/2024	<0.001
7/31/2024	
8/1/2024	
8/2/2024	<0.001
2/19/2025	
2/20/2025	
2/25/2025	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/15/2014						0.0069 (JO)		
9/16/2014			<0.001	<0.001			<0.001	<0.001
9/18/2014	<0.001	<0.001						
10/3/2014						<0.001	<0.001	<0.001
10/4/2014			<0.001	<0.001				
10/5/2014	<0.001	<0.001						
10/20/2014						<0.001	<0.001	<0.001
10/22/2014	<0.001	<0.001						
10/23/2014			<0.001	<0.001				
11/5/2014	<0.001	<0.001						
11/10/2014			<0.001	<0.001		<0.001	<0.001	<0.001
3/2/2015						<0.001	<0.001	0.0047 (J)
3/4/2015	<0.001	<0.001	<0.001	<0.001				
3/17/2015						<0.001	<0.001	<0.001
3/19/2015	<0.001							
3/20/2015		<0.001	<0.001	<0.001				
4/5/2015						<0.001	<0.001	
4/6/2015								<0.001
4/8/2015	<0.001	<0.001	<0.001					
4/9/2015				<0.001				
4/21/2015						<0.001		
4/22/2015							<0.001	<0.001
4/23/2015		<0.001	<0.001	<0.001				
4/24/2015	<0.001							
7/28/2015						<0.001	<0.001	<0.001
7/30/2015	<0.001	<0.001	<0.001	<0.001				
3/1/2016						<0.001	<0.001	
3/2/2016								<0.001
3/4/2016			<0.001					
3/7/2016	<0.001							
3/8/2016				<0.001				
3/9/2016		<0.001						
5/2/2016						<0.001		
5/3/2016							<0.001	<0.001
5/4/2016				<0.001				
5/5/2016	<0.001		<0.001					
5/6/2016		<0.001						
7/6/2016						0.0004 (J)		
7/7/2016								0.0001 (J)
7/8/2016							0.0001 (J)	
7/12/2016			<0.001					
7/14/2016	<0.001							
7/15/2016		<0.001						
7/18/2016				0.0001 (J)				
9/7/2016						<0.001	0.0001 (J)	
9/8/2016								0.0001 (J)
9/12/2016	<0.001							
9/13/2016			<0.001	<0.001				
9/14/2016		<0.001						
10/25/2016						0.0001 (J)	<0.001	0.0002 (J)
10/27/2016	<0.001		<0.001	<0.001				
11/1/2016		<0.001						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/5/2017						0.0002 (J)		
1/6/2017							<0.001	
1/13/2017	0.0001 (J)		<0.001	<0.001				
1/25/2017		<0.001						
2/9/2017								<0.001
3/14/2017						0.0003 (J)	0.0001 (J)	
3/16/2017				0.0003 (J)				
3/20/2017	7E-05 (J)		0.0001 (J)					
3/22/2017		<0.001						
3/23/2017								0.0001 (J)
5/16/2017						<0.001	<0.001	
5/17/2017								0.0001 (J)
5/19/2017			<0.001	0.0001 (J)				
5/23/2017	<0.001							
5/24/2017		0.0001 (J)						
9/15/2017						8E-05 (J)	<0.001	
9/19/2017	0.0001 (J)		0.0002 (J)	<0.001				<0.001
9/21/2017		<0.001						
3/12/2018						<0.001	<0.001	
3/13/2018	<0.001		<0.001	<0.001				<0.001
3/14/2018		<0.001						
9/6/2018						<0.001	<0.001	<0.001
9/7/2018	<0.001							
9/11/2018		<0.001	<0.001	<0.001				
3/6/2019							<0.001	
3/7/2019						<0.001		<0.001
3/8/2019			<0.001	0.00035 (J)				
3/11/2019	<0.001							
3/12/2019		<0.001						
9/4/2019						<0.001	<0.001	<0.001
9/5/2019	<0.001		9.05E-05 (JD)	6E-05 (J)				
9/6/2019		6.8E-05 (J)						
3/2/2020						0.00031 (J)	<0.001	<0.001
3/3/2020	5.9E-05 (J)		5.7E-05 (J)	5.9E-05 (J)				
3/5/2020		5.2E-05 (J)						
9/3/2020							<0.001	<0.001
9/4/2020				0.00012 (J)				
9/8/2020	<0.001							
9/9/2020		<0.001	0.0001 (J)					
9/14/2020						0.00065 (J)		
2/24/2021							<0.001	<0.001
3/9/2021	<0.001		<0.001	<0.001				
3/10/2021		<0.001						
3/26/2021						0.00095 (J)		
7/27/2021						<0.001		
7/28/2021							0.13 (O)	<0.001
7/29/2021			<0.001					
7/30/2021		<0.001						
8/2/2021	<0.001			<0.001				
1/25/2022								<0.001
1/26/2022						<0.001	<0.001	
1/27/2022	<0.001			<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/28/2022		<0.001	<0.001					
4/6/2022					<0.001			
8/5/2022								<0.001
8/8/2022					<0.001	<0.001	<0.001	
8/9/2022			<0.001	<0.001				
8/10/2022	<0.001							
8/11/2022		<0.001						
2/8/2023					<0.001	<0.001	<0.001	<0.001
2/9/2023	<0.001		<0.001	<0.001				
2/10/2023		<0.001						
8/2/2023					<0.001		<0.001	<0.001
8/3/2023	<0.001	<0.001	<0.001	<0.001		<0.001		
2/13/2024					<0.001	<0.001	<0.001	<0.001
2/15/2024	<0.001		<0.001					
2/16/2024		<0.001		<0.001				
7/30/2024					<0.001	<0.001	<0.001	<0.001
7/31/2024	<0.001	<0.001	<0.001	<0.001				
2/19/2025					<0.001	<0.001	<0.001	<0.001
2/20/2025	<0.001							
2/24/2025			<0.001					
2/25/2025		<0.001		<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/23/2007	<0.0005	<0.0005	<0.0005			<0.0005			
10/23/2007	<0.0005								
10/24/2007		<0.0005	<0.0005						
11/2/2007						<0.0005			
11/18/2007	<0.0005	<0.0005	<0.0005			<0.0005			
1/30/2008	<0.0005								
1/31/2008		<0.0005	<0.0005			<0.0005			
3/10/2008	<0.0005		<0.0005						
3/11/2008		<0.0005				<0.0005			
5/6/2008		0.000175							
5/13/2008	<0.0005		<0.0005						
5/14/2008						<0.0005			
12/4/2008		<0.0005	<0.0005						
12/5/2008	<0.0005					<0.0005			
4/15/2009	<0.0005					<0.0005			
4/21/2009		<0.0005	<0.0005						
10/7/2009	<0.0005	<0.0005							
10/8/2009			<0.0005			<0.0005			
4/21/2010			<0.0005						
4/26/2010		<0.0005							
4/28/2010						<0.0005			
5/3/2010	<0.0005								
9/28/2010			<0.0005						
10/4/2010		<0.0005							
10/6/2010						<0.0005			
10/12/2010	<0.0005								
4/12/2011			<0.0005						
4/13/2011		<0.0005							
4/21/2011						<0.0005			
4/27/2011	<0.0005								
10/4/2011			<0.0005						
10/5/2011		<0.0005							
10/13/2011						<0.0005			
10/17/2011	<0.0005								
4/3/2012			<0.0005						
4/11/2012		<0.0005							
5/1/2012						<0.0005			
5/2/2012	<0.0005								
10/8/2012	<0.0005								
10/9/2012		<0.0005	<0.0005			<0.0005			
4/11/2013			<0.0005			<0.0005			
4/12/2013	<0.0005								
4/15/2013		<0.0005							
10/15/2013		<0.0005							
10/16/2013	<0.0005		<0.0005			<0.0005			
4/10/2014			<0.0005						
4/11/2014	<0.0005								
4/22/2014		<0.0005							
4/23/2014						<0.0005			
9/30/2014	<0.0005	<0.0005	<0.0005						
10/4/2014						<0.0005			
3/30/2015	<0.0005	<0.0005	<0.0005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/31/2015						<0.0005			
10/12/2015						<0.0005			
10/13/2015	<0.0005	<0.0005	<0.0005						
3/11/2016									
3/14/2016					<0.0005				
3/15/2016							<0.0005	<0.0005	<0.0005
3/22/2016	<0.0005								
3/23/2016		<0.0005	<0.0005			<0.0005			
5/11/2016					<0.0005		<0.0005		
5/12/2016								<0.0005	
5/13/2016									<0.0005
5/16/2016				<0.0005 (D)					
5/19/2016	<0.0005		<0.0005						
5/20/2016		<0.0005							
5/23/2016						<0.0005			
7/19/2016					<0.0005				
7/20/2016								<0.0005	
7/21/2016							<0.0005		<0.0005
7/22/2016									
7/27/2016				<0.0005 (D)					
7/29/2016	<0.0005	<0.0005	<0.0005			<0.0005			
9/15/2016					<0.0005		<0.0005	<0.0005	
9/19/2016									
9/21/2016									<0.0005
9/22/2016			<0.0005			<0.0005			
9/23/2016	<0.0005	<0.0005							
11/2/2016					<0.0005				
11/3/2016							<0.0005	<0.0005	<0.0005
11/9/2016	<0.0005	<0.0005							
11/10/2016			<0.0005			<0.0005			
1/17/2017							<0.0005		<0.0005
1/18/2017					<0.0005			<0.0005	
1/30/2017	<0.0005								
1/31/2017		<0.0005	<0.0005			<0.0005			
2/21/2017				<0.0005					
3/24/2017							<0.0005	<0.0005	
3/27/2017				<0.0005 (D)					<0.0005
3/28/2017					<0.0005				
3/30/2017	<0.0005	<0.0005				<0.0005			
4/3/2017			<0.0005						
5/24/2017							<0.0005		
6/6/2017								<0.0005	<0.0005
6/7/2017					<0.0005				
6/8/2017				<0.0005 (D)					
6/9/2017	<0.0005		<0.0005						
6/12/2017		<0.0005				<0.0005			
7/17/2017				<0.0005 (D)					
7/27/2017				<0.0005					
8/9/2017				<0.0005					
9/25/2017								<0.0005	<0.0005
9/26/2017					<0.0005		<0.0005		
9/29/2017				<0.0005 (D)					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
10/2/2017	<0.0005	<0.0005	<0.0005						
10/4/2017						<0.0005			
3/14/2018					<0.0005		<0.0005	<0.0005	<0.0005
3/16/2018	<0.0005		<0.0005	<0.0005					
3/19/2018		<0.0005				<0.0005			
9/12/2018					<0.0005		3.8E-05 (J)	<0.0005	<0.0005
9/14/2018		<0.0005	<0.0005	4.1E-05 (J)					
9/17/2018	<0.0005 (D)					<0.0005			
3/13/2019							<0.0005		
3/14/2019				<0.0005				<0.0005	<0.0005
3/15/2019					<0.0005				
3/19/2019			<0.0005						
3/20/2019	<0.0005	<0.0005				<0.0005			
9/9/2019					<0.0005		<0.0005		
9/10/2019								<0.0005 (D)	<0.0005
9/12/2019	<0.0005	<0.0005 (D)							
9/13/2019			<0.0005			<0.0005			
3/6/2020								<0.0005	
3/9/2020				<0.0005	<0.0005		<0.0005		<0.0005
3/11/2020	<0.0005	<0.0005	<0.0005			<0.0005			
9/10/2020					<0.0005			<0.0005	<0.0005
9/11/2020							<0.0005		
9/15/2020	<0.0005	<0.0005	<0.0005						
9/16/2020				<0.0005					
3/10/2021							<0.0005		<0.0005
3/11/2021								<0.0005	
3/12/2021					<0.0005				
3/16/2021	<0.0005		<0.0005	<0.0005					
3/17/2021		<0.0005							
3/29/2021						<0.0005			
8/4/2021					0.00012 (J)		9.4E-05 (J)	9E-05 (J)	9.4E-05 (J)
8/6/2021				<0.0005					
8/9/2021	<0.0005	<0.0005	<0.0005			<0.0005			
1/31/2022					<0.0005		<0.0005	<0.0005	<0.0005
2/1/2022	<0.0005	<0.0005	<0.0005						
2/2/2022				<0.0005		<0.0005			
8/10/2022					<0.0005				
8/11/2022								<0.0005	<0.0005
8/12/2022							<0.0005		
8/16/2022	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005			
2/13/2023					<0.0005		<0.0005	0.00017 (J)	0.00013 (J)
2/14/2023				<0.0005					
2/16/2023	0.00017 (J)	0.00013 (J)	<0.0005						
2/17/2023						0.00013 (J)			
7/25/2023				<0.0005				<0.0005	<0.0005
7/26/2023					<0.0005		<0.0005		
7/27/2023	<0.0005	<0.0005	<0.0005						
8/1/2023						<0.0005			
2/19/2024				<0.0005	<0.0005		<0.0005	<0.0005	<0.0005
2/20/2024									
2/22/2024	<0.0005	<0.0005				<0.0005			
2/26/2024			<0.0005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/1/2024				<0.0005	<0.0005		<0.0005	<0.0005	<0.0005
8/6/2024			<0.0005						
8/7/2024	<0.0005	<0.0005							
8/8/2024						<0.0005			
2/25/2025					<0.0005		<0.0005	<0.0005	<0.0005
2/26/2025				<0.0005		<0.0005			
2/27/2025	<0.0005	<0.0005	<0.0005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/23/2007	
10/23/2007	
10/24/2007	
11/2/2007	
11/18/2007	
1/30/2008	
1/31/2008	
3/10/2008	
3/11/2008	
5/6/2008	
5/13/2008	
5/14/2008	
12/4/2008	
12/5/2008	
4/15/2009	
4/21/2009	
10/7/2009	
10/8/2009	
4/21/2010	
4/26/2010	
4/28/2010	
5/3/2010	
9/28/2010	
10/4/2010	
10/6/2010	
10/12/2010	
4/12/2011	
4/13/2011	
4/21/2011	
4/27/2011	
10/4/2011	
10/5/2011	
10/13/2011	
10/17/2011	
4/3/2012	
4/11/2012	
5/1/2012	
5/2/2012	
10/8/2012	
10/9/2012	
4/11/2013	
4/12/2013	
4/15/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/11/2014	
4/22/2014	
4/23/2014	
9/30/2014	
10/4/2014	
3/30/2015	

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/31/2015	
10/12/2015	
10/13/2015	
3/11/2016	<0.0005
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	<0.0005
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	<0.0005
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	<0.0005
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	<0.0005
11/9/2016	
11/10/2016	
1/17/2017	<0.0005
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	<0.0005
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	<0.0005
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/27/2017	
8/9/2017	
9/25/2017	
9/26/2017	<0.0005
9/29/2017	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
10/2/2017	
10/4/2017	
3/14/2018	<0.0005
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	3.8E-05 (J)
9/17/2018	
3/13/2019	
3/14/2019	<0.0005
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	<0.0005
9/12/2019	
9/13/2019	
3/6/2020	<0.0005
3/9/2020	
3/11/2020	
9/10/2020	<0.0005
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	<0.0005
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	8E-05 (J)
8/6/2021	
8/9/2021	
1/31/2022	<0.0005
2/1/2022	
2/2/2022	
8/10/2022	<0.0005
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	0.00014 (J)
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	<0.0005
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	<0.0005
2/22/2024	
2/26/2024	

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/1/2024	<0.0005
8/6/2024	
8/7/2024	
8/8/2024	
2/25/2025	<0.0005
2/26/2025	
2/27/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
12/12/2008				<0.0005	<0.0005				
4/23/2009				<0.0005	<0.0005				
10/6/2009				<0.0005	<0.0005				
4/27/2010				<0.0005					
5/3/2010					<0.0005				
9/30/2010				<0.0005					
10/11/2010					<0.0005				
4/14/2011				<0.0005					
4/27/2011					<0.0005				
10/5/2011				<0.0005					
10/19/2011					<0.0005				
4/11/2012				<0.0005					
5/1/2012					<0.0005				
10/2/2012				<0.0005	<0.0005				
4/9/2013				<0.0005					
4/10/2013					<0.0005				
10/15/2013				<0.0005					
10/16/2013					<0.0005				
4/10/2014				<0.0005					
4/22/2014					<0.0005				
10/1/2014				<0.0005	<0.0005				
3/30/2015				2.02E-05 (J)	<0.0005				
5/8/2015						<0.0005	<0.0005		<0.0005
5/9/2015								<0.0005	
5/17/2015						0.000101 (J)	<0.0005		<0.0005
5/18/2015								<0.0005	
5/25/2015						4.88E-05 (J)	<0.0005	<0.0005	<0.0005
6/8/2015						<0.0005	<0.0005	<0.0005	<0.0005
6/9/2015									
6/17/2015								<0.0005	
6/18/2015						4.1E-05 (J)	<0.0005		<0.0005
6/24/2015						8.41E-05 (J)	<0.0005	<0.0005	<0.0005
6/25/2015									
6/30/2015						<0.0005	<0.0005	<0.0005	<0.0005
7/1/2015									
7/6/2015						<0.0005	<0.0005	<0.0005	<0.0005
7/7/2015									
8/12/2015						4.91E-05 (J)	<0.0005	<0.0005	<0.0005
10/11/2015				<0.0005	<0.0005				
2/29/2016							<0.0005		
3/2/2016								<0.0005	<0.0005
3/11/2016	<0.0005	<0.0005							
3/28/2016				<0.0005	<0.0005				
5/3/2016								<0.0005	<0.0005
5/4/2016						<0.0005	<0.0005		
5/13/2016	<0.0005	<0.0005							
5/23/2016				<0.0005					
5/25/2016					<0.0005				
7/7/2016						<0.0005			
7/8/2016							<0.0005	<0.0005	
7/11/2016									<0.0005
7/19/2016	<0.0005	<0.0005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
8/1/2016				<0.0005	<0.0005				
9/7/2016									<0.0005
9/8/2016						<0.0005	<0.0005	<0.0005	
9/16/2016	<0.0005	<0.0005							
9/26/2016				<0.0005	<0.0005				
10/26/2016						<0.0005	<0.0005	<0.0005	
10/27/2016									<0.0005
11/2/2016	<0.0005	<0.0005							
11/10/2016				<0.0005					
11/11/2016					<0.0005				
1/6/2017						<0.0005	<0.0005		<0.0005
1/9/2017								<0.0005	
1/18/2017	<0.0005	<0.0005							
1/30/2017				<0.0005	<0.0005				
2/22/2017			<0.0005						
3/15/2017						<0.0005	<0.0005		
3/16/2017								<0.0005	<0.0005
3/28/2017	<0.0005	<0.0005							
4/3/2017					<0.0005				
4/7/2017			<0.0005	<0.0005					
5/17/2017							<0.0005		
5/18/2017						<0.0005			
5/19/2017								<0.0005	<0.0005
6/6/2017	<0.0005	<0.0005							
6/12/2017				<0.0005	<0.0005				
6/14/2017			0.000286 (JD)						
7/12/2017			<0.0005 (D)						
7/19/2017						<0.0005			
7/20/2017			<0.0005 (D)						
7/28/2017			<0.0005						
8/9/2017			<0.0005						
8/24/2017			<0.0005						
9/15/2017							<0.0005		
9/19/2017						<0.0005		<0.0005	<0.0005
9/22/2017	<0.0005	<0.0005							
10/2/2017				<0.0005	<0.0005				
10/3/2017			<0.0005 (D)						
3/13/2018						<0.0005	<0.0005	<0.0005	<0.0005
3/14/2018	<0.0005								
3/15/2018		<0.0005							
3/16/2018				<0.0005	<0.0005				
3/21/2018			<0.0005						
9/6/2018							<0.0005		
9/7/2018						<0.0005			
9/11/2018								<0.0005	<0.0005
9/12/2018	<0.0005	3.9E-05 (J)							
9/17/2018				<0.0005					
9/18/2018			<0.0005		<0.0005				
3/7/2019							<0.0005		
3/8/2019						<0.0005		<0.0005	
3/12/2019									<0.0005
3/13/2019	<0.0005	<0.0005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/19/2019				<0.0005	<0.0005				
3/21/2019			<0.0005 (D)						
9/4/2019						<0.0005	<0.0005		
9/5/2019								<0.0005	<0.0005
9/11/2019	<0.0005	<0.0005							
9/12/2019			<0.0005 (D)		<0.0005				
9/13/2019				<0.0005					
3/2/2020							<0.0005		
3/3/2020						<0.0005			
3/4/2020								<0.0005	<0.0005
3/9/2020	<0.0005	<0.0005							
3/11/2020				<0.0005	<0.0005				
3/12/2020			<0.0005						
9/3/2020							<0.0005		
9/8/2020								<0.0005	<0.0005
9/9/2020						<0.0005			
9/11/2020	<0.0005								
9/14/2020		<0.0005							
9/15/2020					<0.0005				
9/16/2020				<0.0005					
9/17/2020			<0.0005						
2/24/2021							<0.0005		
2/25/2021						<0.0005			
2/26/2021								<0.0005	<0.0005
3/11/2021	<0.0005	<0.0005							
3/16/2021			<0.0005						
3/17/2021				<0.0005	<0.0005				
7/27/2021							<0.0005		
7/28/2021						<0.0005			
7/29/2021								<0.0005	<0.0005
8/5/2021		9.6E-05 (J)							
8/6/2021	<0.0005								
8/9/2021				<0.0005	<0.0005				
8/10/2021			<0.0005						
1/25/2022							<0.0005		
1/26/2022						<0.0005		<0.0005	<0.0005
1/31/2022	<0.0005	<0.0005							
2/1/2022				<0.0005					
2/2/2022					<0.0005				
2/3/2022			<0.0005						
8/5/2022							<0.0005		
8/8/2022								<0.0005	<0.0005
8/9/2022						<0.0005			
8/10/2022		<0.0005							
8/11/2022	<0.0005								
8/16/2022				<0.0005					
8/17/2022			<0.0005		<0.0005				
2/13/2023		<0.0005							
2/14/2023	<0.0005								
2/16/2023				<0.0005	<0.0005				
2/17/2023			<0.0005						
7/25/2023	<0.0005	<0.0005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
7/28/2023			<0.0005	<0.0005	<0.0005				
2/20/2024	<0.0005	<0.0005							
2/22/2024				<0.0005	<0.0005				
2/27/2024			<0.0005						
8/2/2024	<0.0005	<0.0005							
8/8/2024			<0.0005	<0.0005	<0.0005				
2/25/2025	<0.0005	<0.0005							
2/27/2025				<0.0005					
2/28/2025			<0.0005		<0.0005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
12/12/2008	
4/23/2009	
10/6/2009	
4/27/2010	
5/3/2010	
9/30/2010	
10/11/2010	
4/14/2011	
4/27/2011	
10/5/2011	
10/19/2011	
4/11/2012	
5/1/2012	
10/2/2012	
4/9/2013	
4/10/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/22/2014	
10/1/2014	
3/30/2015	
5/8/2015	
5/9/2015	<0.0005
5/17/2015	
5/18/2015	<0.0005
5/25/2015	<0.0005
6/8/2015	
6/9/2015	<0.0005
6/17/2015	<0.0005
6/18/2015	
6/24/2015	
6/25/2015	<0.0005
6/30/2015	
7/1/2015	<0.0005
7/6/2015	
7/7/2015	<0.0005
8/12/2015	<0.0005
10/11/2015	
2/29/2016	
3/2/2016	<0.0005
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	<0.0005
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	<0.0005
7/11/2016	
7/19/2016	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
8/1/2016	
9/7/2016	
9/8/2016	<0.0005
9/16/2016	
9/26/2016	
10/26/2016	<0.0005
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	<0.0005
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	<0.0005
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
5/17/2017	
5/18/2017	<0.0005
5/19/2017	
6/6/2017	
6/12/2017	
6/14/2017	
7/12/2017	
7/19/2017	
7/20/2017	
7/28/2017	
8/9/2017	
8/24/2017	
9/15/2017	<0.0005
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	<0.0005
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	<0.0005
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<0.0005
3/8/2019	
3/12/2019	
3/13/2019	

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	<0.0005
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	<0.0005
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	<0.0005
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	<0.0005
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	<0.0005
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	<0.0005
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	
8/5/2022	<0.0005
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014				2.69E-05 (J)					
9/17/2014					2.97E-05 (J)	4.24E-05 (J)	3.5E-05 (J)	4.15E-05 (J)	
9/18/2014									5.34E-05 (J)
10/4/2014				<0.0005	<0.0005	2.5E-05 (J)	<0.0005	<0.0005	
10/5/2014									<0.0005
10/21/2014				3.18E-05 (J)	5.02E-05 (J)	6.4E-05 (J)	5.35E-05 (J)	5.89E-05 (J)	
10/22/2014									4.88E-05 (J)
11/5/2014						7.02E-05 (J)		7.28E-05 (J)	2.85E-05 (J)
11/11/2014				<0.0005	3.66E-05 (J)		4.64E-05 (J)		
3/3/2015				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
3/4/2015									<0.0005
3/18/2015				<0.0005	<0.0005	<0.0005	<0.0005		
3/19/2015								<0.0005	<0.0005
4/6/2015				<0.0005	<0.0005				
4/7/2015						<0.0005	<0.0005	<0.0005	<0.0005
4/8/2015									
4/23/2015				<0.0005	<0.0005	<0.0005	<0.0005		
4/24/2015								<0.0005	<0.0005
5/9/2015	<0.0005	<0.0005	<0.0005						
5/18/2015	<0.0005	<0.0005							
5/19/2015			<0.0005						
5/26/2015	<0.0005	<0.0005	<0.0005						
6/9/2015	<0.0005	<0.0005	<0.0005						
6/17/2015	<0.0005	<0.0005	<0.0005						
6/25/2015	<0.0005	<0.0005	<0.0005						
7/1/2015	<0.0005	<0.0005	<0.0005						
7/7/2015	<0.0005	<0.0005	<0.0005						
7/29/2015				<0.0005	<0.0005	3.14E-05 (J)	<0.0005	<0.0005	
7/30/2015									<0.0005
8/13/2015	<0.0005	<0.0005	<0.0005						
3/2/2016	<0.0005								
3/3/2016		<0.0005	<0.0005	<0.0005					
3/4/2016					<0.0005				
3/7/2016						<0.0005	<0.0005	<0.0005	
3/8/2016									<0.0005
5/3/2016	<0.0005	<0.0005							
5/5/2016						<0.0005	<0.0005		
5/9/2016			<0.0005					<0.0005	<0.0005
5/10/2016				<0.0005	<0.0005				
7/11/2016	<0.0005	<0.0005	<0.0005						
7/13/2016				<0.0005		<0.0005	<0.0005		
7/14/2016					<0.0005			<0.0005	<0.0005
7/15/2016									
9/9/2016	<0.0005	<0.0005	<0.0005						
9/12/2016							<0.0005	<0.0005	<0.0005
9/13/2016						<0.0005			
9/14/2016					<0.0005				
9/15/2016				<0.0005					
10/26/2016	<0.0005		<0.0005						
10/27/2016		<0.0005							
10/31/2016						<0.0005		<0.0005	<0.0005
11/1/2016					<0.0005		<0.0005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
11/2/2016				<0.0005					
1/9/2017	<0.0005	<0.0005	<0.0005						
1/11/2017				<0.0005	<0.0005		<0.0005	<0.0005	
1/12/2017						<0.0005			<0.0005
3/15/2017			<0.0005						
3/16/2017	<0.0005	<0.0005							
3/20/2017				<0.0005			<0.0005		
3/21/2017					<0.0005			<0.0005	
3/22/2017									<0.0005
3/23/2017						<0.0005			
5/18/2017	<0.0005	<0.0005	<0.0005						
5/22/2017							<0.0005	<0.0005	<0.0005
5/23/2017				<0.0005	<0.0005	<0.0005			
9/15/2017	<0.0005		<0.0005						
9/18/2017		<0.0005							
9/19/2017									<0.0005
9/20/2017								<0.0005	
9/21/2017				<0.0005			<0.0005		
9/22/2017					<0.0005				
9/25/2017						<0.0005			
3/12/2018	<0.0005	<0.0005							
3/13/2018			<0.0005						
3/14/2018				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/7/2018	<0.0005	<0.0005	<0.0005	<0.0005			<0.0005		
9/10/2018								<0.0005	<0.0005
9/11/2018					<0.0005	<0.0005			
3/7/2019		<0.0005	<0.0005						
3/8/2019	<0.0005								
3/11/2019				<0.0005					
3/12/2019					<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
9/4/2019			<0.0005						
9/5/2019	<0.0005	<0.0005							
9/6/2019							<0.0005		<0.0005
9/9/2019				<0.0005		<0.0005		<0.0005	
9/10/2019					<0.0005				
3/3/2020	<0.0005								
3/4/2020		<0.0005	<0.0005	<0.0005				<0.0005	
3/5/2020					<0.0005		<0.0005		<0.0005
3/6/2020						<0.0005			
9/4/2020	<0.0005	<0.0005	<0.0005						<0.0005
9/8/2020									
9/9/2020				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
2/25/2021	<0.0005	<0.0005	<0.0005						
2/26/2021						<0.0005	<0.0005	<0.0005	
3/9/2021				<0.0005					<0.0005
3/10/2021					<0.0005				
7/28/2021	<0.0005	<0.0005	<0.0005						
7/29/2021						<0.0005	<0.0005		
7/30/2021				<0.0005	<0.0005				
8/2/2021									<0.0005
8/5/2021								9.4E-05 (J)	
1/26/2022	<0.0005		<0.0005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
1/27/2022		<0.0005					<0.0005	<0.0005	<0.0005
1/28/2022				<0.0005	<0.0005	<0.0005			
8/5/2022			<0.0005						
8/8/2022	<0.0005	<0.0005							
8/9/2022								<0.0005	<0.0005
8/10/2022						<0.0005	<0.0005		
8/11/2022				<0.0005	<0.0005				
2/9/2023						<0.0005	<0.0005	<0.0005	
2/10/2023				<0.0005	<0.0005				<0.0005
8/3/2023					<0.0005	<0.0005			<0.0005
8/4/2023				<0.0005			<0.0005	<0.0005	
2/14/2024						<0.0005	<0.0005	<0.0005	
2/15/2024				<0.0005	<0.0005				<0.0005
7/31/2024				<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
8/1/2024									<0.0005
8/2/2024									
2/19/2025							<0.0005		
2/20/2025						<0.0005		<0.0005	<0.0005
2/25/2025				<0.0005	<0.0005				

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/16/2014	
9/17/2014	
9/18/2014	<0.0005
10/4/2014	
10/5/2014	<0.0005
10/21/2014	
10/22/2014	2.57E-05 (J)
11/5/2014	<0.0005
11/11/2014	
3/3/2015	
3/4/2015	<0.0005
3/18/2015	
3/19/2015	<0.0005
4/6/2015	
4/7/2015	
4/8/2015	<0.0005
4/23/2015	
4/24/2015	<0.0005
5/9/2015	
5/18/2015	
5/19/2015	
5/26/2015	
6/9/2015	
6/17/2015	
6/25/2015	
7/1/2015	
7/7/2015	
7/29/2015	
7/30/2015	<0.0005
8/13/2015	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	<0.0005
5/3/2016	
5/5/2016	
5/9/2016	<0.0005
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	<0.0005
9/9/2016	<0.0005
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	
10/26/2016	
10/27/2016	<0.0005
10/31/2016	
11/1/2016	

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	<0.0005
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	<0.0005
3/22/2017	
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	<0.0005
9/15/2017	
9/18/2017	
9/19/2017	<0.0005
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
3/12/2018	
3/13/2018	
3/14/2018	<0.0005
9/7/2018	
9/10/2018	<0.0005
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	<0.0005
3/12/2019	
9/4/2019	
9/5/2019	
9/6/2019	<0.0005
9/9/2019	
9/10/2019	
3/3/2020	<0.0005
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	<0.0005
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	<0.0005
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	<0.0005
8/5/2021	
1/26/2022	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
1/27/2022	
1/28/2022	<0.0005
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	<0.0005
8/11/2022	
2/9/2023	<0.0005
2/10/2023	
8/3/2023	
8/4/2023	<0.0005
2/14/2024	
2/15/2024	<0.0005
7/31/2024	
8/1/2024	
8/2/2024	<0.0005
2/19/2025	
2/20/2025	
2/25/2025	<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/15/2014						0.000172 (J)		
9/16/2014			2.81E-05 (J)	3.13E-05 (J)			4.23E-05 (J)	2.75E-05 (J)
9/18/2014	2.54E-05 (J)	2.82E-05 (J)						
10/3/2014						<0.0005	<0.0005	<0.0005
10/4/2014			<0.0005	<0.0005				
10/5/2014	<0.0005	<0.0005						
10/20/2014						<0.0005	3.87E-05 (J)	4.07E-05 (J)
10/22/2014	2.83E-05 (J)	<0.0005						
10/23/2014			<0.0005	4.6E-05 (J)				
11/5/2014	0.0002	4.83E-05 (J)						
11/10/2014			5.15E-05 (J)	2.5E-05 (J)		3.84E-05 (J)	3.34E-05 (J)	6.86E-05 (J)
3/2/2015						<0.0005	<0.0005	3.07E-05 (J)
3/4/2015	<0.0005	<0.0005	<0.0005	<0.0005				
3/17/2015						<0.0005	<0.0005	<0.0005
3/19/2015	<0.0005							
3/20/2015		<0.0005	<0.0005	<0.0005				
4/5/2015						<0.0005	<0.0005	
4/6/2015								<0.0005
4/8/2015	<0.0005	<0.0005	<0.0005					
4/9/2015				<0.0005				
4/21/2015						2.39E-05 (J)		
4/22/2015							<0.0005	<0.0005
4/23/2015		<0.0005	<0.0005	<0.0005				
4/24/2015	<0.0005							
7/28/2015						5.2E-05 (J)	<0.0005	<0.0005
7/30/2015	<0.0005	<0.0005	<0.0005	<0.0005				
3/1/2016						<0.0005	<0.0005	
3/2/2016								<0.0005
3/4/2016			<0.0005					
3/7/2016	<0.0005							
3/8/2016				<0.0005				
3/9/2016		<0.0005						
5/2/2016						<0.0005		
5/3/2016							<0.0005	<0.0005
5/4/2016				<0.0005				
5/5/2016	<0.0005		<0.0005					
5/6/2016		<0.0005						
7/6/2016						<0.0005		
7/7/2016								<0.0005
7/8/2016							<0.0005	
7/12/2016			<0.0005					
7/14/2016	<0.0005							
7/15/2016		<0.0005						
7/18/2016				<0.0005				
9/7/2016						<0.0005	<0.0005	
9/8/2016								<0.0005
9/12/2016	<0.0005							
9/13/2016			<0.0005	<0.0005				
9/14/2016		<0.0005						
10/25/2016						<0.0005	<0.0005	<0.0005
10/27/2016	<0.0005		<0.0005	<0.0005				
11/1/2016		<0.0005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/5/2017						<0.0005		
1/6/2017							<0.0005	
1/13/2017	<0.0005		<0.0005	<0.0005				
1/25/2017		<0.0005						
2/9/2017								<0.0005
3/14/2017						<0.0005	<0.0005	
3/16/2017				<0.0005				
3/20/2017	<0.0005		<0.0005					
3/22/2017		<0.0005						
3/23/2017								<0.0005
5/16/2017						<0.0005	<0.0005	
5/17/2017								<0.0005
5/19/2017			<0.0005	<0.0005				
5/23/2017	<0.0005							
5/24/2017		<0.0005						
9/15/2017						<0.0005	<0.0005	
9/19/2017	<0.0005		<0.0005	<0.0005				<0.0005
9/21/2017		<0.0005						
3/12/2018						<0.0005	<0.0005	
3/13/2018	<0.0005		<0.0005	<0.0005				<0.0005
3/14/2018		<0.0005						
9/6/2018						<0.0005	<0.0005	<0.0005
9/7/2018	<0.0005							
9/11/2018		<0.0005	<0.0005	<0.0005				
3/6/2019							<0.0005	
3/7/2019						<0.0005		<0.0005
3/8/2019			<0.0005	<0.0005				
3/11/2019	<0.0005							
3/12/2019		<0.0005						
9/4/2019						<0.0005	<0.0005	<0.0005
9/5/2019	<0.0005		<0.0005	<0.0005				
9/6/2019		<0.0005						
3/2/2020						<0.0005	<0.0005	<0.0005
3/3/2020	<0.0005		<0.0005	<0.0005				
3/5/2020		<0.0005						
9/3/2020							<0.0005	<0.0005
9/4/2020				<0.0005				
9/8/2020	<0.0005							
9/9/2020		<0.0005	<0.0005					
9/14/2020						<0.0005		
2/24/2021							9.1E-05 (J)	0.00013 (J)
3/9/2021	<0.0005		<0.0005	<0.0005				
3/10/2021		<0.0005						
3/26/2021						<0.0005		
7/27/2021						<0.0005		
7/28/2021							<0.0005	<0.0005
7/29/2021			<0.0005					
7/30/2021		<0.0005						
8/2/2021	<0.0005			<0.0005				
1/25/2022								<0.0005
1/26/2022						<0.0005	<0.0005	
1/27/2022	<0.0005			<0.0005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/28/2022		<0.0005	<0.0005					
4/6/2022					<0.0005			
8/5/2022								<0.0005
8/8/2022					<0.0005	<0.0005	<0.0005	
8/9/2022			<0.0005	<0.0005				
8/10/2022	<0.0005							
8/11/2022		<0.0005						
2/8/2023					<0.0005	<0.0005	<0.0005	<0.0005
2/9/2023	<0.0005		<0.0005	<0.0005				
2/10/2023		<0.0005						
8/2/2023					<0.0005		<0.0005	<0.0005
8/3/2023	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005		
2/13/2024					<0.0005	<0.0005	<0.0005	<0.0005
2/15/2024	<0.0005		<0.0005					
2/16/2024		<0.0005		<0.0005				
7/30/2024					<0.0005	<0.0005	<0.0005	<0.0005
7/31/2024	<0.0005	<0.0005	<0.0005	<0.0005				
2/19/2025					<0.0005	<0.0005	<0.0005	<0.0005
2/20/2025	<0.0005							
2/24/2025			<0.0005					
2/25/2025		<0.0005		<0.0005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/23/2007	<0.005	<0.005	<0.005			0.028			
10/23/2007	0.0096								
10/24/2007		0.026 (O)	0.0025						
11/2/2007						0.041			
11/18/2007	0.023	0.043 (O)	0.0093			0.14 (O)			
1/30/2008	0.11 (O)								
1/31/2008		0.0075	0.054 (O)			0.053			
3/10/2008	0.024		0.0054						
3/11/2008		0.019				0.076 (O)			
5/6/2008		0.004							
5/13/2008	0.006		0.0043						
5/14/2008						0.074 (O)			
12/4/2008		0.02	<0.005						
12/5/2008	<0.005					0.032			
4/15/2009	<0.005					0.028			
4/21/2009		<0.005	<0.005						
10/7/2009	0.0096	<0.005							
10/8/2009			<0.005			0.032			
4/21/2010			<0.005						
4/26/2010		<0.005							
4/28/2010						0.029			
5/3/2010	<0.005								
9/28/2010			<0.005						
10/4/2010		0.0025							
10/6/2010						0.031			
10/12/2010	<0.005								
4/12/2011			<0.005						
4/13/2011		<0.005							
4/21/2011						0.019			
4/27/2011	<0.005								
10/4/2011			<0.005						
10/5/2011		<0.005							
10/13/2011						0.028			
10/17/2011	<0.005								
4/3/2012			<0.005						
4/11/2012		<0.005							
5/1/2012						0.0253			
5/2/2012	<0.005								
10/8/2012	<0.005								
10/9/2012		<0.005	<0.005			0.023			
4/11/2013			<0.005			0.021			
4/12/2013	<0.005								
4/15/2013		<0.005							
10/15/2013		0.0028							
10/16/2013	<0.005		<0.005			0.018			
4/10/2014			<0.005						
4/11/2014	<0.005								
4/22/2014		<0.005							
4/23/2014						0.015			
9/30/2014	<0.005	<0.005	<0.005						
10/4/2014						0.017			
3/30/2015	0.004	0.0018 (J)	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/31/2015						0.045			
10/12/2015						0.019			
10/13/2015	<0.005	<0.005	<0.005						
3/11/2016									
3/14/2016					0.00544 (J)				
3/15/2016							<0.005	<0.005	<0.005
3/22/2016	<0.005								
3/23/2016		<0.005	<0.005			0.019			
5/11/2016					0.0149		<0.005		
5/12/2016								<0.005	
5/13/2016									<0.005
5/16/2016				0.0136 (D)					
7/19/2016					0.0044 (J)				
7/20/2016								0.0006 (J)	
7/21/2016							<0.005		0.0009 (J)
7/22/2016									
7/27/2016				0.0224 (D)					
7/29/2016	<0.005	<0.005	<0.005			0.0161			
9/15/2016					0.0047 (J)		<0.005	0.0009 (J)	
9/19/2016									
9/21/2016									<0.005
11/2/2016					0.0025 (J)				
11/3/2016							<0.005	0.0011 (J)	<0.005
1/17/2017							<0.005		<0.005
1/18/2017					0.004 (J)			0.0007 (J)	
2/21/2017				0.0007 (J)					
3/24/2017							<0.005 (*)	<0.005 (*)	
3/27/2017				<0.005 (D)					<0.005 (*)
3/28/2017					0.0034 (J)				
3/30/2017	0.0004 (J)	0.0006 (J)				0.018			
4/3/2017			<0.005						
9/25/2017								<0.005	0.0012 (J)
9/26/2017					0.0016 (J)		<0.005		
9/29/2017				<0.005 (D)					
10/2/2017	<0.005	<0.005	<0.005						
10/4/2017						0.0158			
3/14/2018					<0.005		<0.005	<0.005	0.0014 (J)
3/16/2018	<0.005		<0.005	<0.005					
3/19/2018		<0.005				0.015			
9/12/2018					<0.005		<0.005	<0.005	0.0011 (J)
9/14/2018		<0.005	<0.005	<0.005					
9/17/2018	<0.005 (D)					0.014			
3/13/2019							<0.005		
3/14/2019				0.0017 (J)				<0.005	0.001 (J)
3/15/2019					<0.005				
3/19/2019			<0.005						
3/20/2019	<0.005	<0.005				0.01			
9/9/2019					0.0014 (J)		<0.005		
9/10/2019								0.0004 (JD)	0.00084 (J)
9/12/2019	0.00038 (J)	0.00518 (JD)							
9/13/2019			<0.005			0.012			
3/6/2020								0.0089 (J)	

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/9/2020				0.00083 (J)	0.04 (O)		<0.005		0.00036 (J)
3/11/2020	0.00068 (J)	0.0014 (J)	0.002 (J)			0.012			
9/10/2020					<0.005			<0.005	<0.005
9/11/2020							<0.005		
9/15/2020	<0.005	<0.005	0.0013 (J)						
9/16/2020				<0.005					
3/10/2021							<0.005		<0.005
3/11/2021								<0.005	
3/12/2021					0.0015 (J)				
3/16/2021	<0.005		<0.005	<0.005					
3/17/2021		<0.005							
3/29/2021						<0.005			
8/4/2021					<0.005		<0.005	<0.005	<0.005
8/6/2021				<0.005					
8/9/2021	<0.005	<0.005	0.00081 (J)			<0.005			
1/31/2022					<0.005		<0.005	<0.005	0.00091 (J)
2/1/2022	<0.005	<0.005	<0.005						
2/2/2022				<0.005		<0.005			
8/10/2022					<0.005				
8/11/2022								0.00083 (J)	<0.005
8/12/2022							<0.005		
8/16/2022	<0.005	<0.005	<0.005	<0.005		<0.005			
2/13/2023					0.00095 (J)		<0.005	<0.005	<0.005
2/14/2023				<0.005					
2/16/2023	<0.005	<0.005	<0.005						
2/17/2023						<0.005			
7/25/2023				<0.005				0.00073 (J)	<0.005
7/26/2023					0.0013 (J)		<0.005		
7/27/2023	<0.005	<0.005	<0.005						
8/1/2023						<0.005			
2/19/2024				<0.005	<0.005		<0.005	<0.005	<0.005
2/20/2024									
2/22/2024	<0.005	<0.005				<0.005			
2/26/2024			<0.005						
8/1/2024				<0.005	<0.005		<0.005	<0.005	<0.005
8/6/2024			<0.005						
8/7/2024	<0.005	<0.005							
8/8/2024						<0.005			
2/25/2025					<0.005		<0.005	<0.005	0.0016 (J)
2/26/2025				<0.005		<0.005			
2/27/2025	<0.005	<0.005	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/23/2007	
10/23/2007	
10/24/2007	
11/2/2007	
11/18/2007	
1/30/2008	
1/31/2008	
3/10/2008	
3/11/2008	
5/6/2008	
5/13/2008	
5/14/2008	
12/4/2008	
12/5/2008	
4/15/2009	
4/21/2009	
10/7/2009	
10/8/2009	
4/21/2010	
4/26/2010	
4/28/2010	
5/3/2010	
9/28/2010	
10/4/2010	
10/6/2010	
10/12/2010	
4/12/2011	
4/13/2011	
4/21/2011	
4/27/2011	
10/4/2011	
10/5/2011	
10/13/2011	
10/17/2011	
4/3/2012	
4/11/2012	
5/1/2012	
5/2/2012	
10/8/2012	
10/9/2012	
4/11/2013	
4/12/2013	
4/15/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/11/2014	
4/22/2014	
4/23/2014	
9/30/2014	
10/4/2014	
3/30/2015	

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/31/2015	
10/12/2015	
10/13/2015	
3/11/2016	<0.005
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	0.00233 (J)
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	0.0014 (J)
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	0.0014 (J)
9/21/2016	
11/2/2016	
11/3/2016	0.0013 (J)
1/17/2017	0.0011 (J)
1/18/2017	
2/21/2017	
3/24/2017	
3/27/2017	<0.005 (*)
3/28/2017	
3/30/2017	
4/3/2017	
9/25/2017	
9/26/2017	0.0011 (J)
9/29/2017	
10/2/2017	
10/4/2017	
3/14/2018	0.0012 (J)
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	0.0012 (J)
9/17/2018	
3/13/2019	
3/14/2019	0.0015 (J)
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	0.0012 (J)
9/12/2019	
9/13/2019	
3/6/2020	0.0015 (J)

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/9/2020	
3/11/2020	
9/10/2020	0.0011 (J)
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	0.0011 (J)
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	0.0011 (J)
8/6/2021	
8/9/2021	
1/31/2022	0.0011 (J)
2/1/2022	
2/2/2022	
8/10/2022	0.0016 (J)
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	0.0013 (J)
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	0.0015 (J)
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	<0.005
2/22/2024	
2/26/2024	
8/1/2024	<0.005
8/6/2024	
8/7/2024	
8/8/2024	
2/25/2025	0.0015 (J)
2/26/2025	
2/27/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
12/12/2008				0.0035	0.0096				
4/23/2009				0.0032	0.015				
10/6/2009				<0.005	0.008				
4/27/2010				<0.005					
5/3/2010					0.0053				
9/30/2010				<0.005					
10/11/2010					0.0061				
4/14/2011				0.0028					
4/27/2011					0.0087				
10/5/2011				0.0028					
10/19/2011					0.0039				
4/11/2012				<0.005					
5/1/2012					0.0054				
10/2/2012				0.0026	0.0044				
4/9/2013				<0.005					
4/10/2013					0.0053				
10/15/2013				<0.005					
10/16/2013					0.0047				
4/10/2014				0.0025 (J)					
4/22/2014					0.0045				
10/1/2014				<0.005	0.0018 (J)				
3/30/2015				0.0015 (J)	0.0037				
5/8/2015						<0.005	<0.005		<0.005
5/9/2015								<0.005	
5/17/2015						0.0016 (J)	<0.005		<0.005
5/18/2015								<0.005	
5/25/2015						<0.005	<0.005	<0.005	<0.005
6/8/2015						<0.005	<0.005	<0.005	<0.005
6/9/2015									
6/17/2015								<0.005	
6/18/2015						<0.005	<0.005		<0.005
6/24/2015						<0.005	<0.005	0.0034	<0.005
6/25/2015									
6/30/2015						<0.005	<0.005	<0.005	<0.005
7/1/2015									
7/6/2015						<0.005	<0.005	<0.005	<0.005
7/7/2015									
8/12/2015						<0.005	<0.005	<0.005	<0.005
10/11/2015				0.0013 (J)	0.0018 (J)				
2/29/2016							<0.005		
3/2/2016								<0.005	<0.005
3/11/2016	0.00288 (J)	<0.005							
3/28/2016				<0.005	0.0028 (J)				
5/13/2016	<0.005	<0.005							
7/7/2016						0.0008 (J)			
7/8/2016							<0.005	<0.005	
7/11/2016									<0.005
7/19/2016	0.0006 (J)	<0.005							
8/1/2016				<0.005	<0.005				
9/16/2016	0.0008 (J)	<0.005							
11/2/2016	0.0007 (J)	<0.005							
1/18/2017	0.0006 (J)	0.0006 (J)							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/15/2017						<0.005	0.0005 (J)		
3/16/2017								0.0005 (J)	<0.005
3/28/2017	<0.005 (*)	<0.005 (*)							
4/3/2017					0.0022 (J)				
4/7/2017			<0.005	0.0011 (J)					
9/15/2017							<0.005		
9/19/2017						<0.005		<0.005	<0.005
9/22/2017	0.0007 (J)	<0.005							
10/2/2017				0.0013 (J)	0.0021 (J)				
10/3/2017			<0.005 (D)						
3/13/2018						<0.005	<0.005	<0.005	<0.005
3/14/2018	<0.005								
3/15/2018		<0.005							
3/16/2018				<0.005	0.0014 (J)				
3/21/2018			<0.005						
9/6/2018							<0.005		
9/7/2018						<0.005			
9/11/2018								<0.005	<0.005
9/12/2018	<0.005	<0.005							
9/17/2018				0.00096 (J)					
9/18/2018			<0.005		0.0012 (J)				
3/7/2019							<0.005		
3/8/2019						<0.005		<0.005	
3/12/2019									<0.005
3/13/2019	<0.005	<0.005							
3/19/2019				<0.005	0.0016 (J)				
3/21/2019			<0.005 (D)						
9/4/2019						<0.005	<0.005		
9/5/2019								<0.005	<0.005
9/11/2019	0.00082 (J)	<0.005							
9/12/2019			0.00032 (JD)		0.0015 (J)				
9/13/2019				0.00063 (J)					
3/2/2020							<0.005		
3/3/2020						<0.005			
3/4/2020								<0.005	<0.005
3/9/2020	0.00082 (J)	<0.005							
3/11/2020				0.00084 (J)	0.001 (J)				
3/12/2020			0.00034 (J)						
9/3/2020							<0.005		
9/8/2020								<0.005	<0.005
9/9/2020						<0.005			
9/11/2020	0.00089 (J)								
9/14/2020		<0.005							
9/15/2020					0.0012 (J)				
9/16/2020				<0.005					
9/17/2020			<0.005						
2/24/2021							<0.005		
2/25/2021						<0.005			
2/26/2021								<0.005	<0.005
3/11/2021	<0.005	<0.005							
3/16/2021			<0.005						
3/17/2021				<0.005	0.0012 (J)				

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
7/27/2021							<0.005		
7/28/2021						<0.005			
7/29/2021								<0.005	<0.005
8/5/2021		<0.005							
8/6/2021	0.00084 (J)								
8/9/2021				0.00077 (J)	0.00097 (J)				
8/10/2021			<0.005						
1/25/2022							<0.005		
1/26/2022						<0.005		<0.005	<0.005
1/31/2022	0.00077 (J)	<0.005							
2/1/2022				0.0008 (J)					
2/2/2022					0.00089 (J)				
2/3/2022			<0.005						
8/5/2022							<0.005		
8/8/2022								<0.005	<0.005
8/9/2022						<0.005			
8/10/2022		<0.005							
8/11/2022	<0.005								
8/16/2022				0.00071 (J)					
8/17/2022			<0.005		0.0011 (J)				
2/13/2023		<0.005							
2/14/2023	<0.005								
2/16/2023				0.00082 (J)	0.00081 (J)				
2/17/2023			<0.005						
7/25/2023	<0.005	<0.005							
7/28/2023			<0.005	0.00094 (J)	0.00092 (J)				
2/20/2024	<0.005	<0.005							
2/22/2024				<0.005	<0.005				
2/27/2024			<0.005						
8/2/2024	<0.005	<0.005							
8/8/2024			<0.005	<0.005	<0.005				
2/25/2025	<0.005	<0.005							
2/27/2025				<0.005					
2/28/2025			<0.005		<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:03 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
12/12/2008	
4/23/2009	
10/6/2009	
4/27/2010	
5/3/2010	
9/30/2010	
10/11/2010	
4/14/2011	
4/27/2011	
10/5/2011	
10/19/2011	
4/11/2012	
5/1/2012	
10/2/2012	
4/9/2013	
4/10/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/22/2014	
10/1/2014	
3/30/2015	
5/8/2015	
5/9/2015	<0.005
5/17/2015	
5/18/2015	<0.005
5/25/2015	<0.005
6/8/2015	
6/9/2015	0.0015 (J)
6/17/2015	0.0013 (J)
6/18/2015	
6/24/2015	
6/25/2015	<0.005
6/30/2015	
7/1/2015	<0.005
7/6/2015	
7/7/2015	<0.005
8/12/2015	<0.005
10/11/2015	
2/29/2016	
3/2/2016	<0.005
3/11/2016	
3/28/2016	
5/13/2016	
7/7/2016	
7/8/2016	<0.005
7/11/2016	
7/19/2016	
8/1/2016	
9/16/2016	
11/2/2016	
1/18/2017	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/15/2017	0.0005 (J)
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
9/15/2017	<0.005
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	<0.005
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	<0.005
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<0.005
3/8/2019	
3/12/2019	
3/13/2019	
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	<0.005
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	<0.005
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	<0.005
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	<0.005
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
7/27/2021	<0.005
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	<0.005
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	
8/5/2022	<0.005
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014				0.03					
9/17/2014					<0.005	<0.005	<0.005	<0.005	
9/18/2014									<0.005
10/4/2014				0.029	<0.005	<0.005	<0.005	<0.005	
10/5/2014									<0.005
10/21/2014				0.026	<0.005	<0.005	<0.005	<0.005	
10/22/2014									<0.005
11/5/2014						0.0016 (J)		<0.005	<0.005
11/11/2014				0.023	<0.005		<0.005		
3/3/2015				0.02	<0.005	<0.005	<0.005	<0.005	
3/4/2015									<0.005
3/18/2015				0.019	<0.005	<0.005	<0.005		
3/19/2015								<0.005	<0.005
4/6/2015				0.02	<0.005				
4/7/2015						0.0014 (J)	<0.005	<0.005	<0.005
4/8/2015									
4/23/2015				0.019	<0.005	<0.005	<0.005		
4/24/2015								<0.005	<0.005
5/9/2015	<0.005	<0.005	<0.005						
5/18/2015	<0.005	0.0018 (J)							
5/19/2015			<0.005						
5/26/2015	<0.005	<0.005	<0.005						
6/9/2015	<0.005	0.0022 (J)	<0.005						
6/17/2015	<0.005	<0.005	<0.005						
6/25/2015	<0.005	<0.005	<0.005						
7/1/2015	<0.005	0.0016 (J)	<0.005						
7/7/2015	<0.005	<0.005	<0.005						
7/29/2015				0.018	<0.005	0.0015 (J)	<0.005	<0.005	
7/30/2015									<0.005
8/13/2015	<0.005	<0.005	<0.005						
3/2/2016	<0.005								
3/3/2016		<0.005	<0.005	0.0111					
3/4/2016					<0.005				
3/7/2016						<0.005	<0.005	<0.005	
3/8/2016									<0.005
7/11/2016	<0.005	0.0007 (J)	0.0006 (J)						
7/13/2016				0.0133		0.0007 (J)	<0.005		
7/14/2016					<0.005			<0.005	<0.005
7/15/2016									
3/15/2017			<0.005						
3/16/2017	0.0008 (J)	0.0015 (J)							
3/20/2017				0.0111			<0.005		
3/21/2017					<0.005			<0.005	
3/22/2017									<0.005
3/23/2017						<0.005			
9/15/2017	<0.005		<0.005						
9/18/2017		<0.005							
9/19/2017									<0.005
9/20/2017								0.0006 (J)	
9/21/2017				0.0092 (J)			<0.005		
9/22/2017					<0.005				
9/25/2017						0.0015 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/12/2018	<0.005	<0.005							
3/13/2018			<0.005						
3/14/2018				0.0094 (J)	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2018	<0.005	<0.005	<0.005	0.0086 (J)			<0.005		
9/10/2018								<0.005	<0.005
9/11/2018					<0.005	<0.005			
3/7/2019		<0.005	<0.005						
3/8/2019	<0.005								
3/11/2019				<0.01					
3/12/2019					<0.005	<0.005	<0.005	<0.005	<0.005
9/4/2019			<0.005						
9/5/2019	<0.005	<0.005							
9/6/2019							<0.005		<0.005
9/9/2019				0.0066 (J)		<0.005		<0.005	
9/10/2019					<0.005				
3/3/2020	0.00061 (J)								
3/4/2020		<0.005	<0.005	0.0032 (J)				0.00071 (J)	
3/5/2020					<0.005		<0.005		<0.005
3/6/2020						0.0005 (J)			
9/4/2020	<0.005	<0.005	<0.005						<0.005
9/8/2020									
9/9/2020				0.0067 (J)	<0.005	<0.005	<0.005	<0.005	
2/25/2021	<0.005	<0.005	<0.005						
2/26/2021						<0.005	<0.005	<0.005	
3/9/2021				0.0053					<0.005
3/10/2021					<0.005				
7/28/2021	<0.005	<0.005	<0.005						
7/29/2021						<0.005	<0.005		
7/30/2021				0.0073	<0.005				
8/2/2021									<0.005
8/5/2021								<0.005	
1/26/2022	<0.005		<0.005						
1/27/2022		<0.005					<0.005	<0.005	<0.005
1/28/2022				0.0063	<0.005	<0.005			
8/5/2022			0.00082 (J)						
8/8/2022	<0.005	<0.005							
8/9/2022								<0.005	<0.005
8/10/2022						<0.005	<0.005		
8/11/2022				0.0077	<0.005				
2/9/2023						<0.005	<0.005	<0.005	
2/10/2023				0.005	<0.005				<0.005
8/3/2023					<0.005	<0.005			<0.005
8/4/2023				0.0091			<0.005	<0.005	
2/14/2024						<0.005	<0.005	<0.005	
2/15/2024				0.0077	<0.005				<0.005
7/31/2024				0.0088	<0.005	<0.005	<0.005	<0.005	
8/1/2024									<0.005
8/2/2024									
2/19/2025							<0.005		
2/20/2025						<0.005		<0.005	<0.005
2/25/2025				0.0097	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/16/2014	
9/17/2014	
9/18/2014	<0.005
10/4/2014	
10/5/2014	<0.005
10/21/2014	
10/22/2014	0.0013 (J)
11/5/2014	0.0013 (J)
11/11/2014	
3/3/2015	
3/4/2015	<0.005
3/18/2015	
3/19/2015	<0.005
4/6/2015	
4/7/2015	
4/8/2015	0.0014 (J)
4/23/2015	
4/24/2015	0.0014 (J)
5/9/2015	
5/18/2015	
5/19/2015	
5/26/2015	
6/9/2015	
6/17/2015	
6/25/2015	
7/1/2015	
7/7/2015	
7/29/2015	
7/30/2015	<0.005
8/13/2015	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	0.0261 (O)
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	0.0021 (J)
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	<0.005
3/22/2017	
3/23/2017	
9/15/2017	
9/18/2017	
9/19/2017	0.0012 (J)
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
3/12/2018	
3/13/2018	
3/14/2018	0.0014 (J)
9/7/2018	
9/10/2018	0.002 (J)
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	<0.005
3/12/2019	
9/4/2019	
9/5/2019	
9/6/2019	0.0028 (J)
9/9/2019	
9/10/2019	
3/3/2020	0.00099 (J)
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	0.0014 (J)
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	0.00075 (J)
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	0.0015 (J)
8/5/2021	
1/26/2022	
1/27/2022	
1/28/2022	0.0014 (J)
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	0.0014 (J)
8/11/2022	
2/9/2023	0.0011 (J)
2/10/2023	
8/3/2023	
8/4/2023	0.00098 (J)
2/14/2024	
2/15/2024	<0.005
7/31/2024	
8/1/2024	
8/2/2024	<0.005
2/19/2025	
2/20/2025	
2/25/2025	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/15/2014						0.01		
9/16/2014			<0.005	<0.005			0.018	0.0028
9/18/2014	<0.005	<0.005						
10/3/2014						<0.005	0.022	0.0036
10/4/2014			<0.005	<0.005				
10/5/2014	<0.005	<0.005						
10/20/2014						0.0043	0.022	0.0025
10/22/2014	<0.005	<0.005						
10/23/2014			<0.005	<0.005				
11/5/2014	<0.005	<0.005						
11/10/2014			<0.005	<0.005		<0.005	0.018	0.0026
3/2/2015						<0.005	0.016	0.017
3/4/2015	<0.005	<0.005	<0.005	<0.005				
3/17/2015						<0.005	0.015	0.0057
3/19/2015	<0.005							
3/20/2015		<0.005	<0.005	<0.005				
4/5/2015						0.0016 (J)	0.016	
4/6/2015								0.0022 (J)
4/8/2015	<0.005	<0.005	<0.005					
4/9/2015				<0.005				
4/21/2015						0.0033		
4/22/2015							0.016	0.0015 (J)
4/23/2015		<0.005	<0.005	<0.005				
4/24/2015	<0.005							
7/28/2015						0.0032	0.018	0.0015 (J)
7/30/2015	<0.005	<0.005	<0.005	<0.005				
3/1/2016						<0.005	0.0138	
3/2/2016								<0.005
3/4/2016			<0.005					
3/7/2016	<0.005							
3/8/2016				<0.005				
3/9/2016		<0.005						
7/6/2016						0.0007 (J)		
7/7/2016								0.0014 (J)
7/8/2016							0.014	
7/12/2016			<0.005					
7/14/2016	<0.005							
7/15/2016		<0.005						
7/18/2016				<0.005				
3/14/2017						0.0007 (J)	0.0087 (J)	
3/16/2017				0.0012 (J)				
3/20/2017	<0.005		0.0003 (J)					
3/22/2017		<0.005						
3/23/2017								<0.005
9/15/2017						<0.005	0.0053 (J)	
9/19/2017	0.0011 (J)		<0.005	<0.005				0.0011 (J)
9/21/2017		0.0012 (J)						
3/12/2018						<0.005	0.0054 (J)	
3/13/2018	<0.005		<0.005	<0.005				<0.005
3/14/2018		<0.005						
9/6/2018						<0.005	0.0069 (J)	<0.005
9/7/2018	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/11/2018		<0.005	<0.005	<0.005				
3/6/2019							<0.005	
3/7/2019						<0.005		<0.005
3/8/2019			<0.005	<0.005				
3/11/2019	<0.005							
3/12/2019		<0.005						
9/4/2019						<0.005	0.0059 (J)	0.000825 (JD)
9/5/2019	0.0011 (J)		<0.005	<0.005				
9/6/2019		0.00086 (J)						
3/2/2020						0.00051 (J)	0.0079 (J)	0.001 (J)
3/3/2020	0.001 (J)		<0.005	<0.005				
3/5/2020		0.00075 (J)						
9/3/2020							0.0096 (J)	0.00089 (J)
9/4/2020				<0.005				
9/8/2020	0.00083 (J)							
9/9/2020		<0.005	<0.005					
9/14/2020						<0.005		
2/24/2021							0.01	0.00091 (J)
3/9/2021	<0.005		<0.005	<0.005				
3/10/2021		<0.005						
3/26/2021						<0.005		
7/27/2021						0.0017 (J)		
7/28/2021							0.019	0.00096 (J)
7/29/2021			<0.005					
7/30/2021		<0.005						
8/2/2021	<0.005			<0.005				
1/25/2022								0.00093 (J)
1/26/2022						<0.005	0.016	
1/27/2022	0.00076 (J)			<0.005				
1/28/2022		<0.005	<0.005					
4/6/2022					<0.005			
8/5/2022								0.00085 (J)
8/8/2022					<0.005	<0.005	0.0097	
8/9/2022			<0.005	<0.005				
8/10/2022	<0.005							
8/11/2022		<0.005						
2/8/2023					<0.005	<0.005	0.012	0.00091 (J)
2/9/2023	<0.005		<0.005	<0.005				
2/10/2023		<0.005						
8/2/2023					<0.005		0.013	0.0009 (J)
8/3/2023	<0.005	0.0011 (J)	<0.005	<0.005		<0.005		
2/13/2024					<0.005	<0.005	<0.005	<0.005
2/15/2024	<0.005		<0.005					
2/16/2024		<0.005		<0.005				
7/30/2024					<0.005	<0.005	0.011	<0.005
7/31/2024	<0.005	<0.005	<0.005	<0.005				
2/19/2025					<0.005	<0.005	0.017	0.0014 (J)
2/20/2025	<0.005							
2/24/2025			<0.005					
2/25/2025		<0.005		<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/11/2016									
3/14/2016					6.91				
3/15/2016							7.58	6.74	7.15
3/22/2016	7.65								
3/23/2016		6.7	7.45			5.96			
5/11/2016					6.51		7.24		
5/12/2016								6.41	
5/13/2016									7.29
5/16/2016				7.61 (D)					
5/19/2016	7.6		7.5						
5/20/2016		6.36							
5/23/2016						5.73			
7/19/2016					6.12				
7/20/2016								6.59	
7/21/2016							7.53		7.43
7/22/2016									
7/27/2016				7.51 (D)					
7/29/2016	7.58	6.75	7.59			5.51			
9/15/2016					5.96		7		
9/19/2016							7.19		
9/21/2016									7.05
9/22/2016			7.44			5.45			
9/23/2016	7.57	6.62							
11/2/2016					5.78				
11/3/2016							7.13	6.45	7.4
11/9/2016	7.45	6.42							
11/10/2016			7.55			5.51			
1/17/2017							7.51		7.06
1/18/2017					6.13			6.34	
1/30/2017	7.64								
1/31/2017		5.66	7.56			5.42			
2/21/2017				7.76 (D)					
3/24/2017							7.55	6.42	
3/27/2017				7.7 (D)					7.13
3/28/2017					6.59				
3/30/2017	7.51	6.33				5.43			
4/3/2017			7.46						
5/24/2017							7.6		
6/6/2017								6.82	7.18
6/7/2017					6.72				
6/8/2017				7.69 (D)					
6/9/2017	7.6		7.24						
6/12/2017		6.6				5.47			
7/17/2017				7.57 (D)					
7/26/2017				7.63					
7/27/2017				7.63					
8/8/2017				7.73					
8/9/2017				7.73					
9/25/2017								6.63	6.88
9/26/2017					7.05		7.66		
9/29/2017				7.7 (D)					
10/2/2017	7.55	5.61	7.35						

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
10/4/2017						5.23			
12/28/2017					6.79 (Y)		7.34 (Y)		
3/14/2018					7.42		7.56	7.08	7.04
3/16/2018	7.58		7.31	7.49					
3/19/2018		6.55				5.4			
9/12/2018					6.86		7.12	6.54	7.02
9/14/2018		5.81	7.55	7.32					
9/17/2018	7.53 (D)					5.22			
3/13/2019							7.12		
3/14/2019				7.46				6.58	6.93
3/15/2019					6.78				
3/19/2019			7.2						
3/20/2019	7.64	5.71				5.22			
9/9/2019					6.49		7.07		
9/10/2019				7.48				5.66	6.72
9/12/2019	7.36	5.45 (D)							
9/13/2019			7.29			5.07			
3/6/2020								6.82	
3/9/2020				7.68	5.9		7.5		6.7
3/11/2020	7.51	6.56	7.09			5.31			
9/10/2020					5.53			6.4	6.67
9/11/2020							6.98		
9/15/2020	7.43	6.38	7.45						
9/16/2020				7.68					
3/10/2021							7.3		7.3
3/11/2021								6.8	
3/12/2021					6.39				
3/16/2021	7.57		7.51	7.85					
3/17/2021		6.58							
3/29/2021						8.04			
8/4/2021					6.21		6.79	6.34	7.15
8/6/2021				7.09					
8/9/2021	7.44	6.47	6.63			7.85			
1/31/2022					6.41		6.85	6.02	6.63
2/1/2022	7.52	6.3	6.62						
2/2/2022				6.89		7.94			
8/10/2022					6.07				
8/11/2022								6.29	7.12
8/12/2022							6.83		
8/16/2022	7.36	6.63	7.11	7.45		7.74			
2/13/2023					6.35		6.94	6.25	6.45
2/14/2023				7.48					
2/16/2023	7.39	6.56	7.02						
2/17/2023						7.71			
7/25/2023				7.19				5.58	6.19
7/26/2023					5.77		6.46		
7/27/2023	7.08	6.06	6.49						
8/1/2023						7.66			
2/19/2024				7.7	6.34		6.75	6.17	6.79
2/20/2024									
2/22/2024	6.97	6.03				7.89			
2/26/2024			6.85						

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/1/2024				7.08	5.88		7.06	6.03	7.17
8/6/2024			7.61						
8/7/2024	7.51	6.73							
8/8/2024						7.86			
2/25/2025				6.66			7.51	6.8	6.63
2/26/2025				7.4		7.93			
2/27/2025	7.5	6.7	7.18						

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/11/2016	7.37
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	7.55
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	7.51
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	7.52
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	7.56
11/9/2016	
11/10/2016	
1/17/2017	7.59
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	7.63
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	7.55
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/26/2017	
7/27/2017	
8/8/2017	
8/9/2017	
9/25/2017	
9/26/2017	7.59
9/29/2017	
10/2/2017	

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
10/4/2017	
12/28/2017	
3/14/2018	7.6
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	7.37
9/17/2018	
3/13/2019	
3/14/2019	7.57
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	7.53
9/12/2019	
9/13/2019	
3/6/2020	7.42
3/9/2020	
3/11/2020	
9/10/2020	7.48
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	7.53
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	7.35
8/6/2021	
8/9/2021	
1/31/2022	7.17
2/1/2022	
2/2/2022	
8/10/2022	7.26
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	6.83
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	6.92
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	7.39
2/22/2024	
2/26/2024	

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/1/2024	7.49
8/6/2024	
8/7/2024	
8/8/2024	
2/25/2025	7.41
2/26/2025	
2/27/2025	

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
2/29/2016							7.52		
3/2/2016								7.77	7.76
3/11/2016	6.43	7.89							
3/28/2016				6.22	6.45				
5/3/2016								7.76	7.8
5/4/2016						7.52	7.59		
5/13/2016	6.8	7.86							
5/23/2016				5.86					
5/25/2016					6.96				
7/7/2016						7.42			
7/8/2016							7.61	7.82	
7/11/2016									7.82
7/19/2016	6.42	7.83							
8/1/2016				6.39	5.64				
9/7/2016									7.83
9/8/2016						7.4	7.52	7.73	
9/16/2016	6.19	7.75							
9/26/2016				5.74	6.26				
10/26/2016						7.59	7.67	7.71	
10/27/2016									7.84
11/2/2016	6.36	7.77							
11/10/2016				5.78					
11/11/2016					5.62				
1/6/2017						7.51	7.49		7.63
1/9/2017								7.52	
1/18/2017	6.16	7.65							
1/30/2017				5.88	5.49				
2/22/2017			7.38 (D)						
3/15/2017						7.51	7.55		
3/16/2017								7.84	7.8
3/28/2017	5.8	7.79							
4/3/2017					6.32				
4/7/2017			7.35 (D)	5.94					
5/17/2017							7.55		
5/18/2017						7.64			
5/19/2017								7.72	7.81
6/6/2017	5.97	7.89							
6/12/2017				5.81	6.48				
6/14/2017			7.3 (D)						
7/11/2017			7.39						
7/12/2017			7.39 (D)						
7/18/2017						7.58			
7/19/2017			7.44			7.58			
7/20/2017			7.44 (D)						
7/27/2017			7.5						
7/28/2017			7.5						
8/8/2017			7.52						
8/9/2017			7.52						
8/23/2017			7.5						
8/24/2017			7.5						
9/15/2017							7.48		
9/19/2017						7.37		7.68	7.84

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
9/22/2017	5.77	7.8							
10/2/2017				5.93	6.41				
10/3/2017			7.51 (D)						
12/28/2017		7.78 (Y)	7.32 (Y)						
3/13/2018						7.62	7.34	7.74	7.8
3/14/2018	5.85								
3/15/2018		7.66							
3/16/2018				5.64	5.46				
3/21/2018			7.3						
9/6/2018							7.5		
9/7/2018						7.36			
9/11/2018								7.64	7.76
9/12/2018	5.65	7.75							
9/17/2018				5.82					
9/18/2018			7.26		5.35				
3/7/2019							7.29		
3/8/2019						7.55		7.73	
3/12/2019									7.7
3/13/2019	5.63	7.84							
3/19/2019				5.93	6.01				
3/21/2019			7.28 (D)						
9/4/2019						7.39	7.43		
9/5/2019								7.57	7.68
9/11/2019	5.53	7.75							
9/12/2019			7.2 (D)		5.89				
9/13/2019				5.61					
3/2/2020							7.44		
3/3/2020						7.73			
3/4/2020								7.63	7.72
3/9/2020	5.5	7.73							
3/11/2020				5.57	5.4				
3/12/2020			7.55						
9/3/2020							7.67		
9/8/2020								7.67	7.68
9/9/2020						7.59			
9/11/2020	6.25								
9/14/2020		7.76							
9/15/2020					5.26				
9/16/2020				5.62					
9/17/2020			7.42						
2/24/2021							7.53		
2/25/2021						7.43			
2/26/2021								7.7	7.72
3/11/2021	5.55	7.81							
3/16/2021			7.4						
3/17/2021				5.64	6.31				
7/27/2021							7.4		
7/28/2021						7.29			
7/29/2021								7.55	7.57
8/5/2021		7.75							
8/6/2021	5.52								
8/9/2021				5.34	5.16				

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
8/10/2021			7.2						
1/25/2022							7.44		
1/26/2022						7.78		7.72	7.78
1/31/2022	5.71	8.04							
2/1/2022				5.61					
2/2/2022					5.17				
2/3/2022			7.2						
8/5/2022							7.35		
8/8/2022								7.66	7.61
8/9/2022						7.25			
8/10/2022		7.72							
8/11/2022	5.64								
8/16/2022				5.29					
8/17/2022			6.49		5.7				
2/13/2023		7.82							
2/14/2023	5.24								
2/16/2023				4.95	4.73				
2/17/2023			6.98						
7/25/2023	4.64	7.31							
7/28/2023			6.815 (D)	4.66	4.24				
2/20/2024	5.31	7.82							
2/22/2024				5.6	5.09				
2/27/2024			7.11						
8/2/2024	5.28	7.74							
8/8/2024			7.01	4.68	4.25				
2/25/2025	5.28	7.77							
2/27/2025				5.64					
2/28/2025			7.25		5.04				

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
2/29/2016	
3/2/2016	7.51
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	7.68
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	7.7
7/11/2016	
7/19/2016	
8/1/2016	
9/7/2016	
9/8/2016	7.71
9/16/2016	
9/26/2016	
10/26/2016	7.6
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	7.81
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	7.74
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
5/17/2017	
5/18/2017	7.39
5/19/2017	
6/6/2017	
6/12/2017	
6/14/2017	
7/11/2017	
7/12/2017	
7/18/2017	
7/19/2017	
7/20/2017	
7/27/2017	
7/28/2017	
8/8/2017	
8/9/2017	
8/23/2017	
8/24/2017	
9/15/2017	7.61
9/19/2017	

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
9/22/2017	
10/2/2017	
10/3/2017	
12/28/2017	
3/13/2018	7.39
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	7.66
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	7.55
3/8/2019	
3/12/2019	
3/13/2019	
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	7.54
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	7.59
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	7.56
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	7.55
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	7.41
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
8/10/2021	
1/25/2022	7.38
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	
8/5/2022	7.32
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/2/2016	7.01								
3/3/2016		7.44	7.95	7.22					
3/4/2016					7.24				
3/7/2016						6.81	7.7	7.68	
3/8/2016									7.62
5/3/2016	7.26	7.64							
5/5/2016						6	7.85		
5/9/2016			7.66					7.66	7.72
5/10/2016				7.08	7.18				
7/11/2016	7.45	7.72	7.86						
7/13/2016				7.05		6.67	7.85		
7/14/2016					7.21			7.74	7.69
7/15/2016									
9/9/2016	7.55	7.66	7.89						
9/12/2016							7.87	7.76	7.52
9/13/2016					7.17	6.67			
9/15/2016				7.51					
10/26/2016	7.55		7.98						
10/27/2016		7.75							
10/31/2016						6.15		7.74	7.51
11/1/2016					7.18		7.78		
11/2/2016				7.1					
1/9/2017	7.62	7.83	7.9						
1/11/2017				7.16	7.11		7.75	7.69	
1/12/2017						6.79			7.46
3/15/2017			8						
3/16/2017	7.4	7.78							
3/20/2017				7.19			7.86		
3/21/2017					7.24			7.54	
3/22/2017									7.77
3/23/2017						7.04			
5/18/2017	7.24	7.64	8.21						
5/22/2017							7.51	7.79	7.5
5/23/2017				6.97	7.21	7.02			
9/15/2017	7.38		8.34						
9/18/2017		7.66							
9/19/2017									7.49
9/20/2017								7.77	
9/21/2017				7.28			7.84		
9/22/2017					7.2				
9/25/2017						6.81			
12/29/2017									7.75 (Y)
1/9/2018			8.1 (Y)						
3/12/2018	7	7.11							
3/13/2018			8.03						
3/14/2018				7.11	7.16	7.06	7.51	7.74	7.62
9/7/2018	7.45	7.6	8.14	7.08			7.69		
9/10/2018								7.69	7.84
9/11/2018					7.13	6.97			
3/7/2019		7.22	8.05						
3/8/2019	7.14								
3/11/2019				7.21					

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/12/2019					7.28	7.06	7.76	7.6	7.63
9/4/2019			7.79						
9/5/2019	7.26	7.53							
9/6/2019							7.65		7.75
9/9/2019				7.13		6.71		7.73	
9/10/2019					7.17				
3/3/2020	6.95								
3/4/2020		7.27	7.95	7.37				7.65	
3/5/2020					7.3		7.77		7.6
3/6/2020						7.01			
9/4/2020	7.24	7.64	7.82						7.57
9/8/2020									
9/9/2020				7.08	7.24	6.63	7.81	7.67	
2/25/2021	7.05	7.27	7.85						
2/26/2021						7.07	7.81	7.73	
3/9/2021				7.34					7.81
3/10/2021					7.27				
7/28/2021	6.96	7.17	7.79						
7/29/2021						6.77	7.74		
7/30/2021				7.04	7.17				
8/2/2021									7.67
8/5/2021								7.66	
1/26/2022	7.21		7.45						
1/27/2022		7.27					7.76	7.74	7.73
1/28/2022				7.31	7.34	6.6			
8/5/2022			7.6						
8/8/2022	7.1	7.26							
8/9/2022								7.77	7.81
8/10/2022						6.53	7.59		
8/11/2022				7.05	7.27				
2/9/2023						6.68	7.46	7.38	
2/10/2023				7.02	7.12				7.34
8/3/2023					6.97 (D)	6.19			7.27
8/4/2023				6.745 (D)			7.39	7.2	
2/14/2024						6.37	7.07	7.67	
2/15/2024				6.95	7.2				7.56
7/31/2024				6.72	6.88	6.66	7.76	7.69	
8/1/2024									7.49
8/2/2024									
2/19/2025							7.8		
2/20/2025						6.96		7.76	7.68
2/25/2025				6.81	7.06				

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	6.86
5/3/2016	
5/5/2016	
5/9/2016	7.08
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	7.2
9/9/2016	7.17
9/12/2016	
9/13/2016	
9/15/2016	
10/26/2016	
10/27/2016	7.14
10/31/2016	
11/1/2016	
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	7.06
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	7.14
3/22/2017	
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	6.9
9/15/2017	
9/18/2017	
9/19/2017	7.18
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
12/29/2017	
1/9/2018	
3/12/2018	
3/13/2018	
3/14/2018	6.99
9/7/2018	
9/10/2018	6.96
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	6.95

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
3/12/2019	
9/4/2019	
9/5/2019	
9/6/2019	7.04
9/9/2019	
9/10/2019	
3/3/2020	7.1
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	7.07
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	6.98
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	7.01
8/5/2021	
1/26/2022	
1/27/2022	
1/28/2022	6.69
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	6.98
8/11/2022	
2/9/2023	7.13
2/10/2023	
8/3/2023	
8/4/2023	6.73
2/14/2024	
2/15/2024	6.74
7/31/2024	
8/1/2024	
8/2/2024	7.13
2/19/2025	
2/20/2025	
2/25/2025	7.58

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
3/1/2016						7.45	5.94	
3/2/2016								5.65
3/4/2016			6.95					
3/7/2016	7.61							
3/8/2016				7.4				
3/9/2016		7.54						
5/2/2016						7.31		
5/3/2016							5.85	5.72
5/4/2016				7.6				
5/5/2016	7.79		7.58					
5/6/2016		7.5						
7/6/2016						7.4		
7/7/2016								5.68
7/8/2016							5.74	
7/12/2016			7.58					
7/14/2016	7.76							
7/15/2016		7.33						
7/18/2016				7.61				
9/7/2016						7.32	5.79	
9/8/2016								5.42
9/12/2016	7.6							
9/13/2016			7.62	7.56				
9/14/2016		7.47						
10/25/2016						7.4	5.88	5.41
10/27/2016	7.73		7.64	7.69				
11/1/2016		7.31						
1/5/2017						7.29		
1/6/2017							5.82	
1/13/2017	7.68		7.28	7.62				
1/25/2017		7.28						
2/9/2017								4.99
3/14/2017						7.48	5.8	
3/16/2017				7.43				
3/20/2017	7.6		7.23					
3/22/2017		7.43						
3/23/2017								4.94
5/16/2017						7.38	5.02	
5/17/2017								5.18
5/19/2017			7.15	7.32				
5/23/2017	7.81							
5/24/2017		7.07						
9/15/2017						7.35	5.68	
9/19/2017	7.46		7.54	7.62				5.53
9/21/2017		7.24						
1/9/2018	7.39 (Y)							
3/12/2018						7.26	5.72	
3/13/2018	7.49		7.02	7.43				5.57
3/14/2018		7.4						
9/6/2018						7.21	5.59	5.69
9/7/2018	7.53							
9/11/2018		7.78	7.4	7.69				
3/6/2019							5.38	

Time Series

Constituent: pH (pH_units) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
3/7/2019						7.48		5.54
3/8/2019			7.65	7.69				
3/11/2019	7.51							
3/12/2019		7.42						
9/4/2019						7.14	5.09	5.91
9/5/2019	7.09		7.4	7.59				
9/6/2019		7.32						
3/2/2020						7.24	5.52	5.49
3/3/2020	7.15		7.55	7.56				
3/5/2020		7.24						
9/3/2020							5.17	5.32
9/4/2020				7.62				
9/8/2020	7.19							
9/9/2020		7.12	7.22					
9/14/2020						7.1		
12/15/2020		7.39						
2/24/2021							5.49	5.23
3/9/2021	7.35		7.8	8.07				
3/10/2021		7.41						
3/26/2021						7.11		
7/27/2021						7.65		
7/28/2021							5.29	5.21
7/29/2021			7.32					
7/30/2021		7.13						
8/2/2021	7.1			7.48				
1/25/2022								5.14
1/26/2022						7.01	4.69	
1/27/2022	7.28			7.46				
1/28/2022		7.38	7.68					
4/6/2022					6.82			
8/5/2022								4.98
8/8/2022					6.79	7.11	5.16	
8/9/2022			7.48	7.6				
8/10/2022	7.1							
8/11/2022		7.37						
11/3/2022		6.65						
2/8/2023					6.77	6.88	5.3	5.13
2/9/2023	7.05		7.44	7.51				
2/10/2023		7.01						
8/2/2023					6.84		4.69	4.41
8/3/2023	6.62	6.74 (D)	7.02	7.26		6.835 (D)		
2/13/2024					6.47	6.69	5.37	5.22
2/15/2024	6.73		7.22					
2/16/2024		6.955 (D)		7.28				
7/30/2024					7.05	7.32	4.43	4.29
7/31/2024	6.56	6.87	7.17	7.33				
2/19/2025					7.01	7.23	5.5	5.36
2/20/2025	7.26							
2/24/2025			7.6					
2/25/2025		7.25		7.68				

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/23/2007	<0.01	<0.01	<0.01			<0.01			
10/23/2007	<0.01								
10/24/2007		<0.01	<0.01						
11/2/2007						<0.01			
11/18/2007	<0.01	<0.01	<0.01			<0.01			
1/30/2008	<0.01								
1/31/2008		<0.01	<0.01			<0.01			
3/10/2008	<0.01		<0.01						
3/11/2008		<0.01				<0.01			
5/6/2008		<0.01							
5/13/2008	<0.01		<0.01						
5/14/2008						<0.01			
12/4/2008		<0.01	<0.01						
12/5/2008	<0.01					<0.01			
4/15/2009	<0.01					<0.01			
4/21/2009		<0.01	<0.01						
10/7/2009	<0.01	<0.01							
10/8/2009			<0.01			<0.01			
4/21/2010			<0.01						
4/26/2010		<0.01							
4/28/2010						<0.01			
5/3/2010	<0.01								
9/28/2010			<0.01						
10/4/2010		<0.01							
10/6/2010						<0.01			
10/12/2010	<0.01								
4/12/2011			<0.01						
4/13/2011		<0.01							
4/21/2011						<0.01			
4/27/2011	<0.01								
10/4/2011			<0.01						
10/5/2011		<0.01							
10/13/2011						<0.01			
10/17/2011	<0.01								
4/3/2012			<0.01						
4/11/2012		<0.01							
5/1/2012						<0.01			
5/2/2012	<0.01								
10/8/2012	<0.01								
10/9/2012		<0.01	<0.01			<0.01			
4/11/2013			<0.01			<0.01			
4/12/2013	<0.01								
4/15/2013		<0.01							
10/15/2013		<0.01							
10/16/2013	<0.01		<0.01			<0.01			
4/10/2014			<0.01						
4/11/2014	<0.01								
4/22/2014		<0.01							
4/23/2014						<0.01			
9/30/2014	<0.01	<0.01	<0.01						
10/4/2014						<0.01			
3/30/2015	<0.01	<0.01	<0.01						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/31/2015						<0.01			
10/12/2015						<0.01			
10/13/2015	<0.01	<0.01	<0.01						
3/11/2016									
3/14/2016					<0.01				
3/15/2016							<0.01	<0.01	<0.01
3/22/2016	<0.01								
3/23/2016		<0.01	<0.01			<0.01			
5/11/2016					<0.01		<0.01		
5/12/2016								<0.01	
5/13/2016									<0.01
5/16/2016				<0.01 (D)					
5/19/2016	<0.01		<0.01						
5/20/2016		0.00216 (J)							
5/23/2016						<0.01			
7/19/2016					<0.01				
7/20/2016								<0.01	
7/21/2016							<0.01		<0.01
7/22/2016									
7/27/2016				<0.01 (D)					
7/29/2016	<0.01	0.001 (J)	<0.01			<0.01			
9/15/2016					<0.01		<0.01	<0.01	
9/19/2016									
9/21/2016									<0.01
9/22/2016			<0.01			<0.01			
9/23/2016	<0.01	<0.01							
11/2/2016					<0.01				
11/3/2016							<0.01	<0.01	<0.01
11/9/2016	<0.01	<0.01							
11/10/2016			<0.01			<0.01			
1/17/2017							<0.01		<0.01
1/18/2017					<0.01			<0.01	
1/30/2017	<0.01								
1/31/2017		<0.01	<0.01			<0.01			
2/21/2017				<0.01					
3/24/2017							<0.01	<0.01	
3/27/2017				<0.01 (D)					<0.01
3/28/2017					<0.01				
3/30/2017	<0.01	<0.01				<0.01			
4/3/2017			<0.01						
5/24/2017							<0.01		
6/6/2017								<0.01	<0.01
6/7/2017					<0.01				
6/8/2017				<0.01 (D)					
6/9/2017	<0.01		<0.01						
6/12/2017		<0.01				<0.01			
7/17/2017				<0.01 (D)					
7/27/2017				<0.01					
8/9/2017				<0.01					
9/25/2017								<0.01	<0.01
9/26/2017					<0.01		<0.01		
9/29/2017				<0.01 (D)					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
10/2/2017	<0.01	<0.01	<0.01						
10/4/2017						<0.01			
3/14/2018					<0.01		<0.01	<0.01	<0.01
3/16/2018	<0.01		<0.01	<0.01					
3/19/2018		0.0016 (J)				<0.01			
9/12/2018					<0.01		<0.01	<0.01	<0.01
9/14/2018		<0.01	<0.01	<0.01					
9/17/2018	<0.01 (D)					<0.01			
3/13/2019							<0.01		
3/14/2019				<0.01				<0.01	<0.01
3/15/2019					<0.01				
3/19/2019			<0.01						
3/20/2019	<0.01	<0.01				<0.01			
9/9/2019					<0.01		<0.01		
9/10/2019								<0.01 (D)	<0.01
9/12/2019	<0.01	<0.01 (D)							
9/13/2019			<0.01			<0.01			
3/6/2020								<0.01	
3/9/2020				<0.01	<0.01		<0.01		<0.01
3/11/2020	<0.01	0.0021 (J)	<0.01			<0.01			
9/10/2020					<0.01			<0.01	<0.01
9/11/2020							<0.01		
9/15/2020	<0.01	<0.01	<0.01						
9/16/2020				<0.01					
3/10/2021							<0.01		<0.01
3/11/2021								<0.01	
3/12/2021					<0.01				
3/16/2021	<0.01		0.0021 (J)	<0.01					
3/17/2021		0.0045 (J)							
3/29/2021						<0.01			
8/4/2021					<0.01		<0.01	<0.01	<0.01
8/6/2021				<0.01					
8/9/2021	<0.01	<0.01	<0.01			<0.01			
1/31/2022					<0.01		<0.01	<0.01	<0.01
2/1/2022	<0.01	<0.01	<0.01						
2/2/2022				<0.01		<0.01			
8/10/2022					<0.01				
8/11/2022								<0.01	<0.01
8/12/2022							<0.01		
8/16/2022	<0.01	<0.01	<0.01	<0.01		<0.01			
2/13/2023					<0.01		<0.01	<0.01	<0.01
2/14/2023				<0.01					
2/16/2023	<0.01	0.0014 (J)	<0.01						
2/17/2023						<0.01			
7/25/2023				<0.01				<0.01	<0.01
7/26/2023					<0.01		<0.01		
7/27/2023	<0.01	<0.01	<0.01						
8/1/2023						<0.01			
2/19/2024				<0.01	<0.01		<0.01	<0.01	<0.01
2/20/2024									
2/22/2024	<0.01	<0.01				<0.01			
2/26/2024			<0.01						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/1/2024				<0.01	<0.01		<0.01	<0.01	<0.01
8/6/2024			<0.01						
8/7/2024	<0.01	<0.01							
8/8/2024						<0.01			
2/25/2025					<0.01		<0.01	<0.01	<0.01
2/26/2025				<0.01		<0.01			
2/27/2025	<0.01	<0.01	<0.01						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/23/2007	
10/23/2007	
10/24/2007	
11/2/2007	
11/18/2007	
1/30/2008	
1/31/2008	
3/10/2008	
3/11/2008	
5/6/2008	
5/13/2008	
5/14/2008	
12/4/2008	
12/5/2008	
4/15/2009	
4/21/2009	
10/7/2009	
10/8/2009	
4/21/2010	
4/26/2010	
4/28/2010	
5/3/2010	
9/28/2010	
10/4/2010	
10/6/2010	
10/12/2010	
4/12/2011	
4/13/2011	
4/21/2011	
4/27/2011	
10/4/2011	
10/5/2011	
10/13/2011	
10/17/2011	
4/3/2012	
4/11/2012	
5/1/2012	
5/2/2012	
10/8/2012	
10/9/2012	
4/11/2013	
4/12/2013	
4/15/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/11/2014	
4/22/2014	
4/23/2014	
9/30/2014	
10/4/2014	
3/30/2015	

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/31/2015	
10/12/2015	
10/13/2015	
3/11/2016	<0.01
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	<0.01
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	<0.01
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	<0.01
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	<0.01
11/9/2016	
11/10/2016	
1/17/2017	<0.01
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	<0.01
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	<0.01
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/27/2017	
8/9/2017	
9/25/2017	
9/26/2017	<0.01
9/29/2017	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
10/2/2017	
10/4/2017	
3/14/2018	<0.01
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	<0.01
9/17/2018	
3/13/2019	
3/14/2019	<0.01
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	<0.01
9/12/2019	
9/13/2019	
3/6/2020	<0.01
3/9/2020	
3/11/2020	
9/10/2020	<0.01
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	<0.01
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	<0.01
8/6/2021	
8/9/2021	
1/31/2022	<0.01
2/1/2022	
2/2/2022	
8/10/2022	<0.01
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	<0.01
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	<0.01
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	<0.01
2/22/2024	
2/26/2024	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/1/2024	<0.01
8/6/2024	
8/7/2024	
8/8/2024	
2/25/2025	<0.01
2/26/2025	
2/27/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
12/12/2008				<0.01	<0.01				
4/23/2009				<0.01	<0.01				
10/6/2009				<0.01	<0.01				
4/27/2010				<0.01					
5/3/2010					<0.01				
9/30/2010				<0.01					
10/11/2010					<0.01				
4/14/2011				<0.01					
4/27/2011					<0.01				
10/5/2011				<0.01					
10/19/2011					<0.01				
4/11/2012				<0.01					
5/1/2012					<0.01				
10/2/2012				<0.01	<0.01				
4/9/2013				<0.01					
4/10/2013					<0.01				
10/15/2013				<0.01					
10/16/2013					<0.01				
4/10/2014				<0.01					
4/22/2014					<0.01				
10/1/2014				<0.01	<0.01				
3/30/2015				<0.01	<0.01				
5/8/2015						<0.01	<0.01		<0.01
5/9/2015								<0.01	
5/17/2015						<0.01	<0.01		<0.01
5/18/2015								<0.01	
5/25/2015						<0.01	<0.01	<0.01	<0.01
6/8/2015						<0.01	<0.01	<0.01	<0.01
6/9/2015									
6/17/2015								<0.01	
6/18/2015						<0.01	<0.01		<0.01
6/24/2015						<0.01	<0.01	<0.01	<0.01
6/25/2015									
6/30/2015						<0.01	<0.01	<0.01	<0.01
7/1/2015									
7/6/2015						<0.01	<0.01	<0.01	<0.01
7/7/2015									
8/12/2015						<0.01	<0.01	<0.01	<0.01
10/11/2015				<0.01	<0.01				
2/29/2016							<0.01		
3/2/2016								<0.01	<0.01
3/11/2016	0.00236 (J)	<0.01							
3/28/2016				<0.01	<0.01				
5/3/2016								<0.01	<0.01
5/4/2016						0.00982 (J)	<0.01		
5/13/2016	<0.01	<0.01							
5/23/2016				<0.01					
5/25/2016					<0.01				
7/7/2016						0.01			
7/8/2016							<0.01	<0.01	
7/11/2016									<0.01
7/19/2016	<0.01	<0.01							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
8/1/2016				<0.01	<0.01				
9/7/2016									<0.01
9/8/2016						0.0046 (J)	<0.01	<0.01	
9/16/2016	<0.01	<0.01							
9/26/2016				<0.01	<0.01				
10/26/2016						0.0071 (J)	<0.01	<0.01	
10/27/2016									<0.01
11/2/2016	<0.01	<0.01							
11/10/2016				<0.01					
11/11/2016					<0.01				
1/6/2017						0.0099 (J)	<0.01		<0.01
1/9/2017								<0.01	
1/18/2017	<0.01	<0.01							
1/30/2017				<0.01	<0.01				
2/22/2017			<0.01						
3/15/2017						0.0056 (J)	<0.01		
3/16/2017								<0.01	<0.01
3/28/2017	<0.01	<0.01							
4/3/2017					<0.01				
4/7/2017			<0.01	<0.01					
5/17/2017							<0.01		
5/18/2017						0.0064 (J)			
5/19/2017								<0.01	<0.01
6/6/2017	<0.01	<0.01							
6/12/2017				<0.01	<0.01				
6/14/2017			<0.01 (D)						
7/12/2017			<0.01 (D)						
7/19/2017						<0.01			
7/20/2017			<0.01 (D)						
7/28/2017			<0.01						
8/9/2017			<0.01						
8/24/2017			<0.01						
9/15/2017							<0.01		
9/19/2017						0.0029 (J)		<0.01	<0.01
9/22/2017	<0.01	<0.01							
10/2/2017				<0.01	<0.01				
10/3/2017			<0.01 (D)						
3/13/2018						0.005 (J)	<0.01	<0.01	<0.01
3/14/2018	<0.01								
3/15/2018		<0.01							
3/16/2018				<0.01	<0.01				
3/21/2018			<0.01						
9/6/2018							<0.01		
9/7/2018						0.01			
9/11/2018								<0.01	<0.01
9/12/2018	<0.01	<0.01							
9/17/2018				<0.01					
9/18/2018			<0.01		<0.01				
3/7/2019							<0.01		
3/8/2019						0.0052 (J)		<0.01	
3/12/2019									<0.01
3/13/2019	<0.01	<0.01							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/19/2019				<0.01	<0.01				
3/21/2019			<0.01 (D)						
9/4/2019						0.01	<0.01		
9/5/2019								<0.01	<0.01
9/11/2019	<0.01	<0.01							
9/12/2019			<0.01 (D)		<0.01				
9/13/2019				<0.01					
3/2/2020							<0.01		
3/3/2020						0.0053 (J)			
3/4/2020								<0.01	<0.01
3/9/2020	<0.01	<0.01							
3/11/2020				<0.01	<0.01				
3/12/2020			<0.01						
9/3/2020							<0.01		
9/8/2020								<0.01	<0.01
9/9/2020						0.0059 (J)			
9/11/2020	<0.01								
9/14/2020		<0.01							
9/15/2020					<0.01				
9/16/2020				<0.01					
9/17/2020			<0.01						
2/24/2021							<0.01		
2/25/2021						0.0099			
2/26/2021								<0.01	<0.01
3/11/2021	<0.01	<0.01							
3/16/2021			<0.01						
3/17/2021				<0.01	<0.01				
7/27/2021							<0.01		
7/28/2021						0.0073			
7/29/2021								<0.01	<0.01
8/5/2021		<0.01							
8/6/2021	<0.01								
8/9/2021				<0.01	<0.01				
8/10/2021			<0.01						
1/25/2022							<0.01		
1/26/2022						<0.01		<0.01	<0.01
1/31/2022	<0.01	<0.01							
2/1/2022				<0.01					
2/2/2022					<0.01				
2/3/2022			<0.01						
8/5/2022							<0.01		
8/8/2022								<0.01	<0.01
8/9/2022						0.0051			
8/10/2022		<0.01							
8/11/2022	<0.01								
8/16/2022				<0.01					
8/17/2022			<0.01		<0.01				
2/13/2023		<0.01							
2/14/2023	<0.01								
2/16/2023				<0.01	<0.01				
2/17/2023			<0.01						
7/25/2023	<0.01	<0.01							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
7/28/2023			<0.01	<0.01	<0.01				
2/20/2024	<0.01	<0.01							
2/22/2024				<0.01	<0.01				
2/27/2024			<0.01						
8/2/2024	<0.01	<0.01							
8/8/2024			<0.01	<0.01	<0.01				
2/25/2025	<0.01	<0.01							
2/27/2025				<0.01					
2/28/2025			<0.01		<0.01				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
12/12/2008	
4/23/2009	
10/6/2009	
4/27/2010	
5/3/2010	
9/30/2010	
10/11/2010	
4/14/2011	
4/27/2011	
10/5/2011	
10/19/2011	
4/11/2012	
5/1/2012	
10/2/2012	
4/9/2013	
4/10/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/22/2014	
10/1/2014	
3/30/2015	
5/8/2015	
5/9/2015	<0.01
5/17/2015	
5/18/2015	<0.01
5/25/2015	<0.01
6/8/2015	
6/9/2015	<0.01
6/17/2015	<0.01
6/18/2015	
6/24/2015	
6/25/2015	<0.01
6/30/2015	
7/1/2015	<0.01
7/6/2015	
7/7/2015	<0.01
8/12/2015	<0.01
10/11/2015	
2/29/2016	
3/2/2016	<0.01
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	<0.01
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	<0.01
7/11/2016	
7/19/2016	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
8/1/2016	
9/7/2016	
9/8/2016	<0.01
9/16/2016	
9/26/2016	
10/26/2016	<0.01
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	<0.01
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	<0.01
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
5/17/2017	
5/18/2017	<0.01
5/19/2017	
6/6/2017	
6/12/2017	
6/14/2017	
7/12/2017	
7/19/2017	
7/20/2017	
7/28/2017	
8/9/2017	
8/24/2017	
9/15/2017	<0.01
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	<0.01
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	<0.01
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<0.01
3/8/2019	
3/12/2019	
3/13/2019	

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	<0.01
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	<0.01
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	<0.01
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	<0.01
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	<0.01
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	<0.01
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	
8/5/2022	<0.01
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014				<0.01					
9/17/2014					<0.01	<0.01	<0.01	<0.01	
9/18/2014									<0.01
10/4/2014				<0.01	<0.01	<0.01	<0.01	<0.01	
10/5/2014									<0.01
10/21/2014				<0.01	<0.01	<0.01	<0.01	<0.01	
10/22/2014									<0.01
11/5/2014						<0.01		<0.01	<0.01
11/11/2014				<0.01	<0.01		<0.01		
3/3/2015				<0.01	<0.01	<0.01	<0.01	<0.01	
3/4/2015									<0.01
3/18/2015				<0.01	<0.01	<0.01	<0.01		
3/19/2015								<0.01	<0.01
4/6/2015				<0.01	<0.01				
4/7/2015						<0.01	<0.01	<0.01	<0.01
4/8/2015									
4/23/2015				<0.01	<0.01	<0.01	<0.01		
4/24/2015								<0.01	<0.01
5/9/2015	<0.01	<0.01	<0.01						
5/18/2015	<0.01	<0.01							
5/19/2015			<0.01						
5/26/2015	<0.01	<0.01	<0.01						
6/9/2015	<0.01	<0.01	<0.01						
6/17/2015	<0.01	<0.01	<0.01						
6/25/2015	<0.01	<0.01	<0.01						
7/1/2015	<0.01	<0.01	<0.01						
7/7/2015	<0.01	<0.01	<0.01						
7/29/2015				<0.01	<0.01	<0.01	<0.01	<0.01	
7/30/2015									<0.01
8/13/2015	<0.01	<0.01	<0.01						
3/2/2016	0.00234 (J)								
3/3/2016		<0.01	<0.01	<0.01					
3/4/2016					<0.01				
3/7/2016						<0.01	<0.01	<0.01	
3/8/2016									<0.01
5/3/2016	0.00241 (J)	<0.01							
5/5/2016						<0.01	<0.01		
5/9/2016			<0.01					<0.01	<0.01
5/10/2016				<0.01	<0.01				
7/11/2016	<0.01	0.0011 (J)	<0.01						
7/13/2016				<0.01		<0.01	<0.01		
7/14/2016					<0.01			<0.01	<0.01
7/15/2016									
9/9/2016	<0.01	0.001 (J)	<0.01						
9/12/2016							<0.01	<0.01	<0.01
9/13/2016						<0.01			
9/14/2016					<0.01				
9/15/2016				<0.01					
10/26/2016	<0.01		<0.01						
10/27/2016		<0.01							
10/31/2016						<0.01		<0.01	<0.01
11/1/2016					<0.01		<0.01		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
11/2/2016				<0.01					
1/9/2017	<0.01	<0.01	0.0011 (J)						
1/11/2017				<0.01	<0.01		<0.01	<0.01	
1/12/2017						<0.01			<0.01
3/15/2017			<0.01						
3/16/2017	<0.01	<0.01							
3/20/2017				<0.01			<0.01		
3/21/2017					<0.01			<0.01	
3/22/2017									<0.01
3/23/2017						<0.01			
5/18/2017	<0.01	<0.01	<0.01						
5/22/2017							<0.01	<0.01	<0.01
5/23/2017				<0.01	<0.01	<0.01			
9/15/2017	<0.01		<0.01						
9/18/2017		<0.01							
9/19/2017									<0.01
9/20/2017								<0.01	
9/21/2017				<0.01			<0.01		
9/22/2017					<0.01				
9/25/2017						<0.01			
3/12/2018	0.0018 (J)	<0.01							
3/13/2018			<0.01						
3/14/2018				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
9/7/2018	<0.01	<0.01	<0.01	<0.01			<0.01		
9/10/2018								<0.01	<0.01
9/11/2018					<0.01	<0.01			
3/7/2019		0.0016 (J)	<0.01						
3/8/2019	0.0026 (J)								
3/11/2019				<0.01					
3/12/2019					<0.01	<0.01	<0.01	<0.01	<0.01
9/4/2019			<0.01						
9/5/2019	<0.01	<0.01							
9/6/2019							<0.01		<0.01
9/9/2019				<0.01		<0.01		<0.01	
9/10/2019					<0.01				
3/3/2020	0.0025 (J)								
3/4/2020		0.0018 (J)	<0.01	<0.01				<0.01	
3/5/2020					<0.01		<0.01		<0.01
3/6/2020						<0.01			
9/4/2020	<0.01	<0.01	<0.01						<0.01
9/8/2020									
9/9/2020				<0.01	<0.01	<0.01	<0.01	<0.01	
2/25/2021	0.0018 (J)	<0.01	<0.01						
2/26/2021						<0.01	<0.01	<0.01	
3/9/2021				<0.01					<0.01
3/10/2021					<0.01				
7/28/2021	0.0022 (J)	<0.01	<0.01						
7/29/2021						<0.01	<0.01		
7/30/2021				<0.01	<0.01				
8/2/2021									<0.01
8/5/2021								<0.01	
1/26/2022	0.0025 (J)		<0.01						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
1/27/2022		0.0016 (J)					<0.01	<0.01	<0.01
1/28/2022				<0.01	<0.01	<0.01			
8/5/2022			<0.01						
8/8/2022	0.0024 (J)	0.0015 (J)							
8/9/2022								<0.01	<0.01
8/10/2022						<0.01	<0.01		
8/11/2022				<0.01	<0.01				
2/9/2023						<0.01	<0.01	<0.01	
2/10/2023				<0.01	<0.01				<0.01
8/3/2023					<0.01	<0.01			<0.01
8/4/2023				<0.01			<0.01	<0.01	
2/14/2024						<0.01	<0.01	<0.01	
2/15/2024				<0.01	<0.01				<0.01
7/31/2024				<0.01	<0.01	<0.01	<0.01	<0.01	
8/1/2024									<0.01
8/2/2024									
2/19/2025							<0.01		
2/20/2025						<0.01		<0.01	<0.01
2/25/2025				<0.01	<0.01				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/16/2014	
9/17/2014	
9/18/2014	<0.01
10/4/2014	
10/5/2014	<0.01
10/21/2014	
10/22/2014	<0.01
11/5/2014	<0.01
11/11/2014	
3/3/2015	
3/4/2015	<0.01
3/18/2015	
3/19/2015	<0.01
4/6/2015	
4/7/2015	
4/8/2015	<0.01
4/23/2015	
4/24/2015	<0.01
5/9/2015	
5/18/2015	
5/19/2015	
5/26/2015	
6/9/2015	
6/17/2015	
6/25/2015	
7/1/2015	
7/7/2015	
7/29/2015	
7/30/2015	<0.01
8/13/2015	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	<0.01
5/3/2016	
5/5/2016	
5/9/2016	<0.01
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	<0.01
9/9/2016	<0.01
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	
10/26/2016	
10/27/2016	<0.01
10/31/2016	
11/1/2016	

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	<0.01
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	<0.01
3/22/2017	
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	<0.01
9/15/2017	
9/18/2017	
9/19/2017	<0.01
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
3/12/2018	
3/13/2018	
3/14/2018	<0.01
9/7/2018	
9/10/2018	<0.01
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	<0.01
3/12/2019	
9/4/2019	
9/5/2019	
9/6/2019	<0.01
9/9/2019	
9/10/2019	
3/3/2020	<0.01
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	<0.01
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	<0.01
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	<0.01
8/5/2021	
1/26/2022	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
1/27/2022	
1/28/2022	<0.01
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	<0.01
8/11/2022	
2/9/2023	<0.01
2/10/2023	
8/3/2023	
8/4/2023	<0.01
2/14/2024	
2/15/2024	<0.01
7/31/2024	
8/1/2024	
8/2/2024	<0.01
2/19/2025	
2/20/2025	
2/25/2025	<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/15/2014						<0.01		
9/16/2014			<0.01	<0.01			<0.01	<0.01
9/18/2014	<0.01	<0.01						
10/3/2014						<0.01	<0.01	<0.01
10/4/2014			<0.01	<0.01				
10/5/2014	<0.01	<0.01						
10/20/2014						<0.01	<0.01	<0.01
10/22/2014	<0.01	<0.01						
10/23/2014			<0.01	<0.01				
11/5/2014	<0.01	<0.01						
11/10/2014			<0.01	<0.01		<0.01	<0.01	<0.01
3/2/2015						<0.01	<0.01	<0.01
3/4/2015	<0.01	<0.01	<0.01	<0.01				
3/17/2015						<0.01	<0.01	<0.01
3/19/2015	<0.01							
3/20/2015		<0.01	<0.01	<0.01				
4/5/2015						<0.01	<0.01	
4/6/2015								<0.01
4/8/2015	<0.01	<0.01	<0.01					
4/9/2015				<0.01				
4/21/2015						<0.01		
4/22/2015							<0.01	<0.01
4/23/2015		<0.01	<0.01	<0.01				
4/24/2015	<0.01							
7/28/2015						<0.01	<0.01	<0.01
7/30/2015	<0.01	<0.01	<0.01	<0.01				
3/1/2016						<0.01	<0.01	
3/2/2016								<0.01
3/4/2016			<0.01					
3/7/2016	<0.01							
3/8/2016				<0.01				
3/9/2016		<0.01						
5/2/2016						<0.01		
5/3/2016							<0.01	<0.01
5/4/2016				<0.01				
5/5/2016	<0.01		<0.01					
5/6/2016		<0.01						
7/6/2016						<0.01		
7/7/2016								<0.01
7/8/2016							<0.01	
7/12/2016			<0.01					
7/14/2016	<0.01							
7/15/2016		<0.01						
7/18/2016				<0.01				
9/7/2016						<0.01	<0.01	
9/8/2016								<0.01
9/12/2016	<0.01							
9/13/2016			<0.01	<0.01				
9/14/2016		<0.01						
10/25/2016						<0.01	<0.01	<0.01
10/27/2016	<0.01		<0.01	<0.01				
11/1/2016		<0.01						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/5/2017						<0.01		
1/6/2017							<0.01	
1/13/2017	<0.01		<0.01	<0.01				
1/25/2017		<0.01						
2/9/2017								<0.01
3/14/2017						<0.01	<0.01	
3/16/2017				<0.01				
3/20/2017	<0.01		<0.01					
3/22/2017		<0.01						
3/23/2017								<0.01
5/16/2017						<0.01	<0.01	
5/17/2017								<0.01
5/19/2017			<0.01	<0.01				
5/23/2017	<0.01							
5/24/2017		<0.01						
9/15/2017						<0.01	<0.01	
9/19/2017	<0.01		<0.01	<0.01				<0.01
9/21/2017		<0.01						
3/12/2018						<0.01	<0.01	
3/13/2018	<0.01		<0.01	<0.01				<0.01
3/14/2018		<0.01						
9/6/2018						<0.01	<0.01	<0.01
9/7/2018	<0.01							
9/11/2018		<0.01	<0.01	<0.01				
3/6/2019							<0.01	
3/7/2019						<0.01		<0.01
3/8/2019			<0.01	<0.01				
3/11/2019	<0.01							
3/12/2019		<0.01						
9/4/2019						<0.01	<0.01	<0.01
9/5/2019	<0.01		<0.01	<0.01				
9/6/2019		<0.01						
3/2/2020						<0.01	<0.01	<0.01
3/3/2020	<0.01		<0.01	<0.01				
3/5/2020		<0.01						
9/3/2020							<0.01	<0.01
9/4/2020				<0.01				
9/8/2020	<0.01							
9/9/2020		0.0017 (J)	<0.01					
9/14/2020						<0.01		
2/24/2021							<0.01	<0.01
3/9/2021	<0.01		<0.01	<0.01				
3/10/2021		<0.01						
3/26/2021						<0.01		
7/27/2021						<0.01		
7/28/2021							<0.01	<0.01
7/29/2021			<0.01					
7/30/2021		<0.01						
8/2/2021	<0.01			<0.01				
1/25/2022								<0.01
1/26/2022						<0.01	<0.01	
1/27/2022	<0.01			<0.01				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/28/2022		<0.01	<0.01					
4/6/2022					<0.01			
8/5/2022								<0.01
8/8/2022					<0.01	<0.01	<0.01	
8/9/2022			<0.01	<0.01				
8/10/2022	<0.01							
8/11/2022		<0.01						
2/8/2023					<0.01	<0.01	<0.01	<0.01
2/9/2023	<0.01		<0.01	<0.01				
2/10/2023		<0.01						
8/2/2023					<0.01		<0.01	<0.01
8/3/2023	<0.01	<0.01	<0.01	<0.01		<0.01		
2/13/2024					<0.01	<0.01	<0.01	<0.01
2/15/2024	<0.01		<0.01					
2/16/2024		<0.01		<0.01				
7/30/2024					<0.01	<0.01	<0.01	<0.01
7/31/2024	<0.01	<0.01	<0.01	<0.01				
2/19/2025					<0.01	<0.01	<0.01	<0.01
2/20/2025	<0.01							
2/24/2025			<0.01					
2/25/2025		<0.01		<0.01				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/23/2007	<0.005	<0.005	<0.005			<0.005			
10/23/2007	<0.005								
10/24/2007		<0.005	<0.005						
11/2/2007						<0.005			
11/18/2007	<0.005	<0.005	<0.005			<0.005			
1/30/2008	<0.005								
1/31/2008		<0.005	<0.005			<0.005			
3/10/2008	<0.005		<0.005						
3/11/2008		<0.005				<0.005			
5/6/2008		<0.005							
5/13/2008	<0.005		<0.005						
5/14/2008						<0.005			
12/4/2008		<0.005	<0.005						
12/5/2008	<0.005					<0.005			
4/15/2009	<0.005					<0.005			
4/21/2009		<0.005	<0.005						
10/7/2009	<0.005	<0.005							
10/8/2009			<0.005			<0.005			
4/21/2010			<0.005						
4/26/2010		<0.005							
4/28/2010						<0.005			
5/3/2010	<0.005								
9/28/2010			<0.005						
10/4/2010		<0.005							
10/6/2010						<0.005			
10/12/2010	<0.005								
4/12/2011			<0.005						
4/13/2011		<0.005							
4/21/2011						<0.005			
4/27/2011	<0.005								
10/4/2011			<0.005						
10/5/2011		<0.005							
10/13/2011						<0.005			
10/17/2011	<0.005								
4/3/2012			<0.005						
4/11/2012		<0.005							
5/1/2012						<0.005			
5/2/2012	<0.005								
10/8/2012	<0.005								
10/9/2012		<0.005	<0.005			<0.005			
4/11/2013			<0.005			<0.005			
4/12/2013	<0.005								
4/15/2013		<0.005							
10/15/2013		<0.005							
10/16/2013	<0.005		<0.005			<0.005			
4/10/2014			<0.005						
4/11/2014	<0.005								
4/22/2014		<0.005							
4/23/2014						<0.005			
9/30/2014	<0.005	<0.005	<0.005						
10/4/2014						<0.005			
3/30/2015	<0.005	<0.005	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/31/2015						<0.005			
10/12/2015						<0.005			
10/13/2015	<0.005	<0.005	<0.005						
3/11/2016									
3/14/2016					<0.005				
3/15/2016							<0.005	<0.005	<0.005
3/22/2016	<0.005								
3/23/2016		<0.005	<0.005			<0.005			
5/11/2016					<0.005		<0.005		
5/12/2016								<0.005	
5/13/2016									<0.005
5/16/2016				<0.005 (D)					
7/19/2016					<0.005				
7/20/2016								<0.005	
7/21/2016							<0.005		<0.005
7/22/2016									
7/27/2016				0.0012 (JD)					
7/29/2016	<0.005	<0.005	<0.005			<0.005			
9/15/2016					<0.005		<0.005	<0.005	
9/19/2016									
9/21/2016									<0.005
11/2/2016					<0.005				
11/3/2016							<0.005	<0.005	<0.005
1/17/2017							<0.005		<0.005
1/18/2017					<0.005			<0.005	
2/21/2017				<0.005					
3/24/2017							<0.005	<0.005	
3/27/2017				<0.005 (D)					<0.005
3/28/2017					<0.005				
3/30/2017	<0.005	<0.005				<0.005			
4/3/2017			<0.005						
9/25/2017								<0.005	<0.005
9/26/2017					<0.005		<0.005		
9/29/2017				<0.005 (D)					
10/2/2017	<0.005	<0.005	<0.005						
10/4/2017						<0.005			
3/14/2018					<0.005		<0.005	<0.005	<0.005
3/16/2018	<0.005		<0.005	<0.005					
3/19/2018		<0.005				<0.005			
9/12/2018					<0.005		<0.005	<0.005	<0.005
9/14/2018		<0.005	<0.005	<0.005					
9/17/2018	<0.005 (D)					<0.005			
3/13/2019							<0.005		
3/14/2019				<0.005				<0.005	<0.005
3/15/2019					<0.005				
3/19/2019			<0.005						
3/20/2019	<0.005	<0.005				<0.005			
9/9/2019					<0.005		<0.005		
9/10/2019								<0.005 (D)	<0.005
9/12/2019	<0.005	<0.005 (D)							
9/13/2019			<0.005			<0.005			
3/6/2020								<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/9/2020				<0.005	<0.005		<0.005		<0.005
3/11/2020	<0.005	<0.005	<0.005			<0.005			
9/10/2020					<0.005			<0.005	<0.005
9/11/2020							<0.005		
9/15/2020	<0.005	<0.005	<0.005						
9/16/2020				<0.005					
3/10/2021							<0.005		<0.005
3/11/2021								<0.005	
3/12/2021					<0.005				
3/16/2021	<0.005		<0.005	<0.005					
3/17/2021		<0.005							
3/29/2021						<0.005			
8/4/2021					<0.005		<0.005	<0.005	<0.005
8/6/2021				<0.005					
8/9/2021	<0.005	<0.005	<0.005			<0.005			
1/31/2022					<0.005		<0.005	<0.005	<0.005
2/1/2022	<0.005	<0.005	<0.005						
2/2/2022				<0.005		<0.005			
8/10/2022					<0.005				
8/11/2022								<0.005	<0.005
8/12/2022							<0.005		
8/16/2022	<0.005	<0.005	<0.005	<0.005		<0.005			
2/13/2023					<0.005		<0.005	<0.005	<0.005
2/14/2023				<0.005					
2/16/2023	<0.005	<0.005	<0.005						
2/17/2023						<0.005			
7/25/2023				<0.005				<0.005	<0.005
7/26/2023					<0.005		<0.005		
7/27/2023	<0.005	<0.005	<0.005						
8/1/2023						<0.005			
2/19/2024				<0.005	<0.005		<0.005	<0.005	<0.005
2/20/2024									
2/22/2024	<0.005	<0.005				<0.005			
2/26/2024			<0.005						
8/1/2024				<0.005	<0.005		<0.005	<0.005	<0.005
8/6/2024			<0.005						
8/7/2024	<0.005	<0.005							
8/8/2024						<0.005			
2/25/2025					<0.005		<0.005	<0.005	<0.005
2/26/2025				<0.005		<0.005			
2/27/2025	<0.005	<0.005	<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/23/2007	
10/23/2007	
10/24/2007	
11/2/2007	
11/18/2007	
1/30/2008	
1/31/2008	
3/10/2008	
3/11/2008	
5/6/2008	
5/13/2008	
5/14/2008	
12/4/2008	
12/5/2008	
4/15/2009	
4/21/2009	
10/7/2009	
10/8/2009	
4/21/2010	
4/26/2010	
4/28/2010	
5/3/2010	
9/28/2010	
10/4/2010	
10/6/2010	
10/12/2010	
4/12/2011	
4/13/2011	
4/21/2011	
4/27/2011	
10/4/2011	
10/5/2011	
10/13/2011	
10/17/2011	
4/3/2012	
4/11/2012	
5/1/2012	
5/2/2012	
10/8/2012	
10/9/2012	
4/11/2013	
4/12/2013	
4/15/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/11/2014	
4/22/2014	
4/23/2014	
9/30/2014	
10/4/2014	
3/30/2015	

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/31/2015	
10/12/2015	
10/13/2015	
3/11/2016	<0.005
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	<0.005
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	<0.005
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	<0.005
9/21/2016	
11/2/2016	
11/3/2016	<0.005
1/17/2017	<0.005
1/18/2017	
2/21/2017	
3/24/2017	
3/27/2017	<0.005
3/28/2017	
3/30/2017	
4/3/2017	
9/25/2017	
9/26/2017	<0.005
9/29/2017	
10/2/2017	
10/4/2017	
3/14/2018	<0.005
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	<0.005
9/17/2018	
3/13/2019	
3/14/2019	<0.005
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	<0.005
9/12/2019	
9/13/2019	
3/6/2020	<0.005

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/9/2020	
3/11/2020	
9/10/2020	<0.005
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	<0.005
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	<0.005
8/6/2021	
8/9/2021	
1/31/2022	<0.005
2/1/2022	
2/2/2022	
8/10/2022	<0.005
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	<0.005
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	<0.005
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	<0.005
2/22/2024	
2/26/2024	
8/1/2024	<0.005
8/6/2024	
8/7/2024	
8/8/2024	
2/25/2025	<0.005
2/26/2025	
2/27/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
12/12/2008				<0.005	<0.0025				
4/23/2009				<0.005	<0.0025				
10/6/2009				<0.005	0.0048				
4/27/2010				<0.005					
5/3/2010					<0.0025				
9/30/2010				<0.005					
10/11/2010					<0.0025				
4/14/2011				<0.005					
4/27/2011					0.004				
10/5/2011				<0.005					
10/19/2011					<0.0025				
4/11/2012				<0.005					
5/1/2012					<0.0025				
10/2/2012				<0.005	<0.0025				
4/9/2013				<0.005					
4/10/2013					<0.0025				
10/15/2013				<0.005					
10/16/2013					0.0034				
4/10/2014				0.0025 (J)					
4/22/2014					0.0034				
10/1/2014				<0.005	0.0012 (J)				
3/30/2015				<0.005	0.003				
5/8/2015						<0.005	<0.005		<0.005
5/9/2015								<0.005	
5/17/2015						<0.005	<0.005		<0.005
5/18/2015								<0.005	
5/25/2015						<0.005	<0.005	<0.005	<0.005
6/8/2015						<0.005	<0.005	<0.005	<0.005
6/9/2015									
6/17/2015								<0.005	
6/18/2015						<0.005	<0.005		<0.005
6/24/2015						<0.005	<0.005	<0.005	<0.005
6/25/2015									
6/30/2015						<0.005	<0.005	<0.005	<0.005
7/1/2015									
7/6/2015						<0.005	<0.005	<0.005	<0.005
7/7/2015									
8/12/2015						<0.005	<0.005	<0.005	<0.005
10/11/2015				<0.005	0.0018 (J)				
2/29/2016							<0.005		
3/2/2016								<0.005	<0.005
3/11/2016	<0.005	<0.005							
3/28/2016				<0.005	0.0022 (J)				
5/13/2016	<0.005	<0.005							
7/7/2016						<0.005			
7/8/2016							<0.005	<0.005	
7/11/2016									<0.005
7/19/2016	<0.005	<0.005							
8/1/2016				0.0004 (J)	0.0016 (J)				
9/16/2016	<0.005	<0.005							
11/2/2016	<0.005	<0.005							
1/18/2017	<0.005	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/15/2017						<0.005	<0.005		
3/16/2017								<0.005	<0.005
3/28/2017	<0.005	<0.005							
4/3/2017					0.0022 (J)				
4/7/2017			<0.005	0.0005 (J)					
9/15/2017							<0.005		
9/19/2017						<0.005		<0.005	<0.005
9/22/2017	<0.005	<0.005							
10/2/2017				0.0006 (J)	0.0021 (J)				
10/3/2017			<0.005 (D)						
3/13/2018						<0.005	<0.005	<0.005	<0.005
3/14/2018	<0.005								
3/15/2018		<0.005							
3/16/2018				<0.005	0.0023 (J)				
3/21/2018			<0.005						
9/6/2018							<0.005		
9/7/2018						<0.005			
9/11/2018								<0.005	<0.005
9/12/2018	<0.005	<0.005							
9/17/2018				<0.005					
9/18/2018			<0.005		0.0017 (J)				
3/7/2019							<0.005		
3/8/2019						<0.005		<0.005	
3/12/2019									<0.005
3/13/2019	<0.005	<0.005							
3/19/2019				<0.005	0.0017 (J)				
3/21/2019			<0.005 (D)						
9/4/2019						<0.005	<0.005		
9/5/2019								<0.005	<0.005
9/11/2019	<0.005	<0.005							
9/12/2019			<0.005 (D)		0.0028 (J)				
9/13/2019				0.00045 (J)					
3/2/2020							<0.005		
3/3/2020						<0.005			
3/4/2020								<0.005	<0.005
3/9/2020	<0.005	<0.005							
3/11/2020				0.00039 (J)	0.0013 (J)				
3/12/2020			<0.005						
9/3/2020							<0.005		
9/8/2020								<0.005	<0.005
9/9/2020						<0.005			
9/11/2020	<0.005								
9/14/2020		<0.005							
9/15/2020					0.0012 (J)				
9/16/2020				0.00042 (J)					
9/17/2020			<0.005						
2/24/2021							<0.005		
2/25/2021						<0.005			
2/26/2021								<0.005	<0.005
3/11/2021	<0.005	<0.005							
3/16/2021			<0.005						
3/17/2021				0.00044 (J)	0.0026 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
7/27/2021							<0.005		
7/28/2021						<0.005			
7/29/2021								<0.005	<0.005
8/5/2021		<0.005							
8/6/2021	<0.005								
8/9/2021				<0.005	0.0015 (J)				
8/10/2021			<0.005						
1/25/2022							<0.005		
1/26/2022						<0.005		<0.005	<0.005
1/31/2022	<0.005	<0.005							
2/1/2022				<0.005					
2/2/2022					0.0012 (J)				
2/3/2022			<0.005						
8/5/2022							<0.005		
8/8/2022								<0.005	<0.005
8/9/2022						<0.005			
8/10/2022		<0.005							
8/11/2022	<0.005								
8/16/2022				<0.005					
8/17/2022			<0.005		0.0021 (J)				
2/13/2023		<0.005							
2/14/2023	<0.005								
2/16/2023				<0.005	0.0011 (J)				
2/17/2023			<0.005						
7/25/2023	<0.005	<0.005							
7/28/2023			<0.005	0.00044 (J)	0.00091 (J)				
2/20/2024	<0.005	<0.005							
2/22/2024				0.00052 (J)	0.0013 (J)				
2/27/2024			<0.005						
8/2/2024	<0.005	<0.005							
8/8/2024			<0.005	0.00056 (J)	0.0011 (J)				
2/25/2025	<0.005	<0.005							
2/27/2025				0.00061 (J)					
2/28/2025			<0.005		0.0016 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
12/12/2008	
4/23/2009	
10/6/2009	
4/27/2010	
5/3/2010	
9/30/2010	
10/11/2010	
4/14/2011	
4/27/2011	
10/5/2011	
10/19/2011	
4/11/2012	
5/1/2012	
10/2/2012	
4/9/2013	
4/10/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/22/2014	
10/1/2014	
3/30/2015	
5/8/2015	
5/9/2015	<0.005
5/17/2015	
5/18/2015	<0.005
5/25/2015	<0.005
6/8/2015	
6/9/2015	<0.005
6/17/2015	<0.005
6/18/2015	
6/24/2015	
6/25/2015	<0.005
6/30/2015	
7/1/2015	<0.005
7/6/2015	
7/7/2015	<0.005
8/12/2015	<0.005
10/11/2015	
2/29/2016	
3/2/2016	<0.005
3/11/2016	
3/28/2016	
5/13/2016	
7/7/2016	
7/8/2016	<0.005
7/11/2016	
7/19/2016	
8/1/2016	
9/16/2016	
11/2/2016	
1/18/2017	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/15/2017	<0.005
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
9/15/2017	<0.005
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	<0.005
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	<0.005
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<0.005
3/8/2019	
3/12/2019	
3/13/2019	
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	<0.005
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	<0.005
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	<0.005
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	<0.005
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
7/27/2021	<0.005
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	<0.005
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	
8/5/2022	<0.005
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014				<0.005					
9/17/2014					<0.005	<0.005	0.00058 (J)	<0.005	
9/18/2014									<0.005
10/4/2014				<0.005	<0.005	<0.005	<0.005	<0.005	
10/5/2014									<0.005
10/21/2014				<0.005	<0.005	<0.005	<0.005	<0.005	
10/22/2014									<0.005
11/5/2014						<0.005		<0.005	<0.005
11/11/2014				<0.005	0.0007 (J)		<0.005		
3/3/2015				<0.005	0.00052 (J)	<0.005	<0.005	<0.005	
3/4/2015									<0.005
3/18/2015				<0.005	<0.005	<0.005	<0.005		
3/19/2015								<0.005	<0.005
4/6/2015				0.0013 (J)	<0.005				
4/7/2015						<0.005	<0.005	<0.005	<0.005
4/8/2015									
4/23/2015				<0.005	<0.005	<0.005	<0.005		
4/24/2015								<0.005	<0.005
5/9/2015	<0.005	<0.005	<0.005						
5/18/2015	<0.005	<0.005							
5/19/2015			<0.005						
5/26/2015	<0.005	<0.005	<0.005						
6/9/2015	<0.005	<0.005	<0.005						
6/17/2015	<0.005	<0.005	<0.005						
6/25/2015	<0.005	<0.005	<0.005						
7/1/2015	<0.005	<0.005	<0.005						
7/7/2015	<0.005	<0.005	<0.005						
7/29/2015				<0.005	<0.005	<0.005	<0.005	<0.005	
7/30/2015									<0.005
8/13/2015	<0.005	<0.005	<0.005						
3/2/2016	<0.005								
3/3/2016		<0.005	<0.005	<0.005					
3/4/2016					<0.005				
3/7/2016						<0.005	<0.005	<0.005	
3/8/2016									<0.005
7/11/2016	<0.005	<0.005	<0.005						
7/13/2016				<0.005		<0.005	<0.005		
7/14/2016					<0.005			<0.005	<0.005
7/15/2016									
3/15/2017			<0.005						
3/16/2017	<0.005	<0.005							
3/20/2017				<0.005			<0.005		
3/21/2017					<0.005			<0.005	
3/22/2017									<0.005
3/23/2017						<0.005			
9/15/2017	<0.005		<0.005						
9/18/2017		<0.005							
9/19/2017									<0.005
9/20/2017								<0.005	
9/21/2017				<0.005			<0.005		
9/22/2017					<0.005				
9/25/2017						<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/12/2018	<0.005	<0.005							
3/13/2018			<0.005						
3/14/2018				<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/7/2018	<0.005	<0.005	<0.005	<0.005			<0.005		
9/10/2018								<0.005	<0.005
9/11/2018					<0.005	<0.005			
3/7/2019		<0.005	<0.005						
3/8/2019	<0.005								
3/11/2019				<0.005					
3/12/2019					<0.005	<0.005	<0.005	<0.005	<0.005
9/4/2019			<0.005						
9/5/2019	<0.005	<0.005							
9/6/2019							<0.005		<0.005
9/9/2019				<0.005		<0.005		<0.005	
9/10/2019					<0.005				
3/3/2020	<0.005								
3/4/2020		<0.005	<0.005	<0.005				<0.005	
3/5/2020					<0.005		<0.005		<0.005
3/6/2020						<0.005			
9/4/2020	<0.005	<0.005	<0.005						<0.005
9/8/2020									
9/9/2020				<0.005	<0.005	<0.005	<0.005	<0.005	
2/25/2021	<0.005	<0.005	<0.005						
2/26/2021						<0.005	<0.005	<0.005	
3/9/2021				<0.005					<0.005
3/10/2021					<0.005				
7/28/2021	<0.005	<0.005	<0.005						
7/29/2021						<0.005	<0.005		
7/30/2021				<0.005	<0.005				
8/2/2021									<0.005
8/5/2021								<0.005	
1/26/2022	<0.005		<0.005						
1/27/2022		<0.005					<0.005	<0.005	<0.005
1/28/2022				<0.005	<0.005	<0.005			
8/5/2022			<0.005						
8/8/2022	<0.005	<0.005							
8/9/2022								<0.005	<0.005
8/10/2022						<0.005	<0.005		
8/11/2022				<0.005	<0.005				
2/9/2023						<0.005	<0.005	<0.005	
2/10/2023				<0.005	<0.005				<0.005
8/3/2023					<0.005	<0.005			<0.005
8/4/2023				<0.005			<0.005	<0.005	
2/14/2024						<0.005	<0.005	<0.005	
2/15/2024				<0.005	<0.005				<0.005
7/31/2024				<0.005	<0.005	<0.005	<0.005	<0.005	
8/1/2024									<0.005
8/2/2024									
2/19/2025							<0.005		
2/20/2025						<0.005		<0.005	<0.005
2/25/2025				<0.005	<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/16/2014	
9/17/2014	
9/18/2014	<0.005
10/4/2014	
10/5/2014	<0.005
10/21/2014	
10/22/2014	<0.005
11/5/2014	<0.005
11/11/2014	
3/3/2015	
3/4/2015	<0.005
3/18/2015	
3/19/2015	<0.005
4/6/2015	
4/7/2015	
4/8/2015	<0.005
4/23/2015	
4/24/2015	<0.005
5/9/2015	
5/18/2015	
5/19/2015	
5/26/2015	
6/9/2015	
6/17/2015	
6/25/2015	
7/1/2015	
7/7/2015	
7/29/2015	
7/30/2015	<0.005
8/13/2015	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	<0.005
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	<0.005
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	<0.005
3/22/2017	
3/23/2017	
9/15/2017	
9/18/2017	
9/19/2017	<0.005
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
3/12/2018	
3/13/2018	
3/14/2018	<0.005
9/7/2018	
9/10/2018	<0.005
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	<0.005
3/12/2019	
9/4/2019	
9/5/2019	
9/6/2019	<0.005
9/9/2019	
9/10/2019	
3/3/2020	<0.005
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	<0.005
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	<0.005
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	<0.005
8/5/2021	
1/26/2022	
1/27/2022	
1/28/2022	<0.005
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	<0.005
8/11/2022	
2/9/2023	<0.005
2/10/2023	
8/3/2023	
8/4/2023	<0.005
2/14/2024	
2/15/2024	<0.005
7/31/2024	
8/1/2024	
8/2/2024	<0.005
2/19/2025	
2/20/2025	
2/25/2025	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/15/2014						<0.005		
9/16/2014			<0.005	<0.005			<0.005	0.00051 (J)
9/18/2014	<0.005	<0.005						
10/3/2014						<0.005	<0.005	<0.005
10/4/2014			<0.005	<0.005				
10/5/2014	<0.005	<0.005						
10/20/2014						<0.005	<0.005	<0.005
10/22/2014	<0.005	<0.005						
10/23/2014			<0.005	<0.005				
11/5/2014	<0.005	<0.005						
11/10/2014			<0.005	<0.005		<0.005	<0.005	<0.005
3/2/2015						<0.005	<0.005	<0.005
3/4/2015	<0.005	<0.005	<0.005	<0.005				
3/17/2015						<0.005	<0.005	<0.005
3/19/2015	<0.005							
3/20/2015		<0.005	<0.005	<0.005				
4/5/2015						<0.005	<0.005	
4/6/2015								<0.005
4/8/2015	<0.005	<0.005	<0.005					
4/9/2015				<0.005				
4/21/2015						<0.005		
4/22/2015							<0.005	<0.005
4/23/2015		<0.005	<0.005	<0.005				
4/24/2015	<0.005							
7/28/2015						<0.005	<0.005	<0.005
7/30/2015	<0.005	<0.005	<0.005	<0.005				
3/1/2016						<0.005	<0.005	
3/2/2016								<0.005
3/4/2016			<0.005					
3/7/2016	<0.005							
3/8/2016				<0.005				
3/9/2016		<0.005						
7/6/2016						<0.005		
7/7/2016								<0.005
7/8/2016							<0.005	
7/12/2016			<0.005					
7/14/2016	<0.005							
7/15/2016		<0.005						
7/18/2016				<0.005				
3/14/2017						<0.005	<0.005	
3/16/2017				<0.005				
3/20/2017	<0.005		<0.005					
3/22/2017		<0.005						
3/23/2017								<0.005
9/15/2017						<0.005	<0.005	
9/19/2017	<0.005		<0.005	<0.005				<0.005
9/21/2017		<0.005						
3/12/2018						<0.005	<0.005	
3/13/2018	<0.005		<0.005	<0.005				<0.005
3/14/2018		<0.005						
9/6/2018						<0.005	<0.005	<0.005
9/7/2018	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/11/2018		<0.005	<0.005	<0.005				
3/6/2019							<0.005	
3/7/2019						<0.005		<0.005
3/8/2019			<0.005	<0.005				
3/11/2019	<0.005							
3/12/2019		<0.005						
9/4/2019						<0.005	<0.005	<0.005 (D)
9/5/2019	<0.005		<0.005	<0.005				
9/6/2019		<0.005						
3/2/2020						<0.005	<0.005	<0.005
3/3/2020	<0.005		<0.005	<0.005				
3/5/2020		<0.005						
9/3/2020							<0.005	<0.005
9/4/2020				<0.005				
9/8/2020	<0.005							
9/9/2020		<0.005	<0.005					
9/14/2020						<0.005		
2/24/2021							<0.005	<0.005
3/9/2021	<0.005		<0.005	<0.005				
3/10/2021		<0.005						
3/26/2021						<0.005		
7/27/2021						<0.005		
7/28/2021							<0.005	<0.005
7/29/2021			<0.005					
7/30/2021		<0.005						
8/2/2021	<0.005			<0.005				
1/25/2022								<0.005
1/26/2022						<0.005	<0.005	
1/27/2022	<0.005			<0.005				
1/28/2022		<0.005	<0.005					
4/6/2022					<0.005			
8/5/2022								<0.005
8/8/2022					<0.005	<0.005	<0.005	
8/9/2022			<0.005	<0.005				
8/10/2022	<0.005							
8/11/2022		<0.005						
2/8/2023					<0.005	<0.005	<0.005	<0.005
2/9/2023	<0.005		<0.005	<0.005				
2/10/2023		<0.005						
8/2/2023					<0.005		<0.005	<0.005
8/3/2023	<0.005	<0.005	<0.005	<0.005		<0.005		
2/13/2024					<0.005	<0.005	<0.005	<0.005
2/15/2024	<0.005		<0.005					
2/16/2024		<0.005		<0.005				
7/30/2024					<0.005	<0.005	<0.005	<0.005
7/31/2024	<0.005	<0.005	<0.005	<0.005				
2/19/2025					<0.005	<0.005	<0.005	<0.005
2/20/2025	<0.005							
2/24/2025			<0.005					
2/25/2025		<0.005		<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/11/2016									
3/14/2016					4.2598				
3/15/2016							1.2104	4.9347	6.4987
3/22/2016	2.3685								
3/23/2016		105.552	26.8249			0.8724 (J)			
5/11/2016					6.05		1.28		
5/12/2016								2.3	
5/13/2016									3.68
5/16/2016				2.4 (D)					
5/19/2016	2.14		3.81						
5/20/2016		44.3							
5/23/2016						0.805 (J)			
7/19/2016					9.5				
7/20/2016								2	
7/21/2016							0.91 (J)		4.5
7/22/2016									
7/27/2016				3.6 (D)					
7/29/2016	1.9	48	1.1			0.84 (J)			
9/15/2016					6.7			1.1	
9/19/2016							1.3		
9/21/2016									2.8
9/22/2016			0.96 (J)			0.94 (J)			
9/23/2016	2	43							
11/2/2016					5.4				
11/3/2016							1.5	1.6	6.7
11/9/2016	1.6	31							
11/10/2016			0.72 (J)			1.1			
1/17/2017							<1.2 (*)		<1.1 (*)
1/18/2017					5.5			1.5	
1/30/2017	1.8								
1/31/2017		4.2	1.5			0.92 (J)			
2/21/2017				26 (D)					
3/24/2017							0.86 (J)	1.6	
3/27/2017				10 (D)					0.85 (J)
3/28/2017					2.9				
3/30/2017	1.6	53				0.77 (J)			
4/3/2017			1.3						
5/24/2017							1.2		
6/6/2017								4.1	6.1
6/7/2017					2.3				
6/8/2017				6.7 (D)					
6/9/2017	1.7		1.2						
6/12/2017		95				0.68 (J)			
7/17/2017				6.4 (D)					
7/27/2017				18 (D)					
8/9/2017				18 (D)					
9/25/2017								1.9	3.5
9/26/2017					3.2		4.2		
9/29/2017				21 (D)					
10/2/2017	1.8	3.5	1.7						
10/4/2017						0.5 (J)			
12/28/2017							7.4 (Y)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/14/2018					3.8		3.8	11.5	10.9 (J)
3/16/2018	1.5		14.8 (J)	15.5					
3/19/2018		147				0.49 (J)			
9/12/2018					3.7		1.7	1.8	3.7
9/14/2018		7.7	2.1	11.6					
9/17/2018	1.3 (D)					0.36 (J)			
3/13/2019							2.1		
3/14/2019				9.3				6.2	8.9
3/15/2019					3				
3/19/2019			32.5 (J)						
3/20/2019	1.5	3.6				0.38 (J)			
9/9/2019					2.4		1.6		
9/10/2019				14				1.2	8.4
9/12/2019	0.98 (J)	5.2							
9/13/2019			3.8			<1			
3/6/2020								10	
3/9/2020				5.8	0.84 (J)		1.2		8.5
3/11/2020	0.94 (J)	131	34.3			<1			
9/10/2020					0.95 (J)			1.7	5.9
9/11/2020							1.3		
9/15/2020	0.96 (J)	35.3	1						
9/16/2020				8.6					
3/10/2021							1.5		8.4
3/11/2021								6.1	
3/12/2021					2				
3/16/2021	0.99 (J)		3.3	3.5					
3/17/2021		90.7							
3/29/2021						5.4			
8/4/2021					1.3		1.4	1.7	6.4
8/6/2021				4.2					
8/9/2021	1.3	84.7	1.6			5			
1/31/2022					1.2		1.2	1.8	8.5
2/1/2022	0.93 (J)	86.1	1.5						
2/2/2022				4.5		3.4			
8/10/2022					1.3				
8/11/2022								1.9	4.7
8/12/2022							1.2		
8/16/2022	0.78 (J)	58.5	7.8	4.5		3.5			
2/13/2023					1.7		1.4	6	10.2
2/14/2023				6.3					
2/16/2023	1.1	115	38.9						
2/17/2023						2.5			
7/25/2023				4.9				1.1	3
7/26/2023					1.5		1.4		
7/27/2023	1.4	44	17.6						
8/1/2023						3			
2/19/2024				4	1.1		1.2	4.2	9.6
2/20/2024									
2/22/2024	1	82				1.9			
2/26/2024			20.9						
8/1/2024				3.3	1.2		1.5	0.75 (J)	2.7
8/6/2024			5.8						

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/7/2024	1.1	47.5							
8/8/2024						3.9			
2/25/2025					1.2		0.71 (J)	5	5.8
2/26/2025				2.4		1.7			
2/27/2025	0.88 (J)	74.4	41.5						

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/11/2016	1.4538
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	1.18
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	1.8
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	1.4
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	1.6
11/9/2016	
11/10/2016	
1/17/2017	<1.8 (*)
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	2
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	1.9
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/27/2017	
8/9/2017	
9/25/2017	
9/26/2017	2
9/29/2017	
10/2/2017	
10/4/2017	
12/28/2017	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/14/2018	2.1
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	1.6
9/17/2018	
3/13/2019	
3/14/2019	2.2
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	1.2
9/12/2019	
9/13/2019	
3/6/2020	1.7
3/9/2020	
3/11/2020	
9/10/2020	0.95 (J)
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	1.6
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	1.4
8/6/2021	
8/9/2021	
1/31/2022	1.1
2/1/2022	
2/2/2022	
8/10/2022	1
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	1.6
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	1.1
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	1.2
2/22/2024	
2/26/2024	
8/1/2024	1.1
8/6/2024	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/7/2024	
8/8/2024	
2/25/2025	1.2
2/26/2025	
2/27/2025	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
2/29/2016							5.7396		
3/2/2016								1.799	2.0407
3/11/2016	1.1313	3.8282							
3/28/2016				0.7283 (J)	0.9594 (J)				
5/3/2016								1.94	1.86
5/4/2016						16.8	6.87		
5/13/2016	1.96	3.56							
5/23/2016				0.728 (J)					
5/25/2016					1.59				
7/7/2016						18			
7/8/2016							8.1	2	
7/11/2016									2
7/19/2016	1.3	5.6							
8/1/2016				0.78 (J)	1				
9/7/2016									1.9
9/8/2016						18	6.6	1.9	
9/16/2016	1.1	6.7							
9/26/2016				0.82 (J)	1.2				
10/26/2016						20	4.7	2.1	
10/27/2016									2.1
11/2/2016	1.2	8.1							
11/10/2016				0.92 (J)					
11/11/2016					1.2				
1/6/2017						21	4.8		2
1/9/2017								1.9	
1/18/2017	0.84 (J)	8.9							
1/30/2017				<1	<1				
2/22/2017			22 (D)						
3/15/2017						17	3.9		
3/16/2017								2	1.9
3/28/2017	0.7 (J)	8.2							
4/3/2017					1.3				
4/7/2017			18 (D)	0.82 (J)					
5/17/2017							5.2		
5/18/2017						19			
5/19/2017								2	1.9
6/6/2017	0.47 (J)	7							
6/12/2017				0.78 (J)	1.1				
6/14/2017			20 (D)						
7/12/2017			18 (D)						
7/19/2017						10			
7/20/2017			20 (D)						
7/28/2017			18 (D)						
8/9/2017			19 (D)						
8/24/2017			21 (D)						
9/15/2017							4.4		
9/19/2017						22		2	2.1
9/22/2017	0.59 (J)	8.3							
10/2/2017				0.71 (J)	1.1				
10/3/2017			25 (D)						
12/28/2017			26 (Y)						
3/13/2018						27.3	8.5	1.9	1.9

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/14/2018	0.39 (J)								
3/15/2018		5.1							
3/16/2018				0.67 (J)	0.87 (J)				
3/21/2018			25.4						
9/6/2018							7.2		
9/7/2018						26.9			
9/11/2018								1.9	1.8
9/12/2018	0.3 (J)	5.6							
9/17/2018				0.47 (J)					
9/18/2018			22.8		0.87 (J)				
3/7/2019							12.7		
3/8/2019						23.6		1.8	
3/12/2019									2.2
3/13/2019	0.43 (X)	4.4							
3/19/2019				0.52 (J)	0.97 (J)				
3/21/2019			24.9 (D)						
9/4/2019						22.9	4.2		
9/5/2019								1.5	1.5
9/11/2019	<1	5							
9/12/2019			16.5 (D)		0.8 (J)				
9/13/2019				0.55 (J)					
3/2/2020							16.3		
3/3/2020						21.5			
3/4/2020								1.5	1.7
3/9/2020	<1	3.9							
3/11/2020				<1	0.85 (J)				
3/12/2020			20.8						
9/3/2020							3.5		
9/8/2020								1.4	1.4
9/9/2020						21.8			
9/11/2020	<1								
9/14/2020		4.9							
9/15/2020					0.54 (J)				
9/16/2020				<1					
9/17/2020			20.3						
2/24/2021							29.2		
2/25/2021						29.5			
2/26/2021								1.6	1.6
3/11/2021	<1	4.3							
3/16/2021			22.1						
3/17/2021				<1	0.86 (J)				
7/27/2021							23.3		
7/28/2021						26.5			
7/29/2021								1.3	1.4
8/5/2021		2.9							
8/6/2021	<1								
8/9/2021				<1	0.77 (J)				
8/10/2021			20.7						
1/25/2022							8.6		
1/26/2022						22.2		1.4	1.6
1/31/2022	<1	2.5							
2/1/2022				<1					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
2/2/2022					0.53 (J)				
2/3/2022			20.7						
8/5/2022							4.4		
8/8/2022								1.3	1.5
8/9/2022						22.3			
8/10/2022		2.5							
8/11/2022	<1								
8/16/2022				<1					
8/17/2022			18.1		0.55 (J)				
2/13/2023		2.5							
2/14/2023	<1								
2/16/2023				<1	0.58 (J)				
2/17/2023			21.2						
7/25/2023	<1	2.6							
7/28/2023			19.6	0.53 (J)	0.71 (J)				
2/20/2024	<1	2.8							
2/22/2024				<1	<1				
2/27/2024			23.2						
8/2/2024	<1	3.2							
8/8/2024			12.2	0.53 (J)	0.69 (J)				
2/25/2025	<1	2.1							
2/27/2025				<1					
2/28/2025			22.4		0.51 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
2/29/2016	
3/2/2016	7.1892
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	7.22
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	6.7
7/11/2016	
7/19/2016	
8/1/2016	
9/7/2016	
9/8/2016	7
9/16/2016	
9/26/2016	
10/26/2016	6.4
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	5.9
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	6.2
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
5/17/2017	
5/18/2017	6.1
5/19/2017	
6/6/2017	
6/12/2017	
6/14/2017	
7/12/2017	
7/19/2017	
7/20/2017	
7/28/2017	
8/9/2017	
8/24/2017	
9/15/2017	5.8
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
12/28/2017	
3/13/2018	4.9

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	3.5
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	2.6
3/8/2019	
3/12/2019	
3/13/2019	
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	2.4
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	1.7
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	1.8
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	1.7
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	1.8
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	1.4
1/26/2022	
1/31/2022	
2/1/2022	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
2/2/2022	
2/3/2022	
8/5/2022	1.4
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/2/2016	32.178								
3/3/2016		22.316	132.4615	7.1809					
3/4/2016					9.3417				
3/7/2016						1.7468	2.3258	3.3556	
3/8/2016									0.0196 (J)
5/3/2016	39.2	20.8							
5/5/2016						2.27	2.42		
5/9/2016			34.3					3.62	1.15
5/10/2016				4.6	6.65				
7/11/2016	16	17	58						
7/13/2016				2.3		2.1	2.5		
7/14/2016					5.7			3.5	1.3
7/15/2016									
9/9/2016	9.7	14	66						
9/12/2016							2.3	3.3	1.3
9/13/2016						2.1			
9/14/2016					5.8				
9/15/2016				5.6					
10/26/2016	9.2		76						
10/27/2016		15							
10/31/2016						1.5		3.5	1.4
11/1/2016					6.6				
11/2/2016				7.5					
1/9/2017	9.3	17	85						
1/11/2017				8.3	6.5		2.5	3.2	
1/12/2017						1.9			1.4
3/15/2017			100						
3/16/2017	6.9	15							
3/20/2017				10			2.4		
3/21/2017					6.4			3.4	
3/22/2017									1.7
3/23/2017						2.1			
5/18/2017	7.9	24	87						
5/22/2017							2.5	3.3	1.5
5/23/2017				9.5	6.3	2			
9/15/2017	17		110						
9/18/2017		22							
9/19/2017									1.3
9/20/2017								3.4	
9/21/2017				8.9			2.4		
9/22/2017					6.9				
9/25/2017						2.1			
3/12/2018	28.7	22							
3/13/2018			94.8						
3/14/2018				8.8	7	2.2	2.2	3.4	1.6
9/7/2018	27.4	22.4	101	6.5			2.2		
9/10/2018								3.4	1.7
9/11/2018					5.8	2			
3/7/2019		25	88.7						
3/8/2019	31.8								
3/11/2019				11					
3/12/2019					25.9 (O)	2.3	2.6	4.3	1.5

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/4/2019			67.8						
9/5/2019	21.5	22.7							
9/6/2019							2		1.45 (D)
9/9/2019				3.8		1.8		3.7	
9/10/2019					6				
3/3/2020	29								
3/4/2020		23.4	69.4	8.4				3.6	
3/5/2020					7.7		1.9		1.1
3/6/2020						2			
9/4/2020	20.4	16.1	54.9						1.1
9/8/2020									
9/9/2020				2.8	5.6	1.4	1.9	3.4	
2/25/2021	34.5	23.2	62.6						
2/26/2021						2.1	2.1	3.4	
3/9/2021				12.9					1.5
3/10/2021					7.3				
7/28/2021	32.8	24.9	58.6						
7/29/2021						1.7	1.9		
7/30/2021				5.4	5.9				
8/2/2021									1.5
8/5/2021								4	
1/26/2022	32.5		47.1						
1/27/2022		20.7					2.1	3.9	1.7
1/28/2022				11.9	7.6	1.6			
8/5/2022			42.9						
8/8/2022	30	23.5							
8/9/2022								3.7	1.6
8/10/2022						1.7	2.3		
8/11/2022				5	6.6				
2/9/2023						2.3	2.4	4	
2/10/2023				12.1	7.6				1.8
8/3/2023					7	1.5			1.4
8/4/2023				6.1			2.2	3.6	
2/14/2024						1.8	2	2.9	
2/15/2024				7.6	7.3				1.1
7/31/2024				7	7.7	1.7	2.3	3.2	
8/1/2024									1.5
8/2/2024									
2/19/2025							1.8		
2/20/2025						1.9		2.5	1.3
2/25/2025				9	6.6				

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	1.3858
5/3/2016	
5/5/2016	
5/9/2016	2.94
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	3
9/9/2016	3.2
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	
10/26/2016	
10/27/2016	3.6
10/31/2016	
11/1/2016	
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	3.9
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	4.8
3/22/2017	
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	5.4
9/15/2017	
9/18/2017	
9/19/2017	5.6
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
3/12/2018	
3/13/2018	
3/14/2018	<1
9/7/2018	
9/10/2018	4.8
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	3.4
3/12/2019	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/4/2019	
9/5/2019	
9/6/2019	6
9/9/2019	
9/10/2019	
3/3/2020	11.3
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	9.6
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	10.5
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	21.5 (O)
8/5/2021	
1/26/2022	
1/27/2022	
1/28/2022	13.7
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	10.5
8/11/2022	
2/9/2023	16.8
2/10/2023	
8/3/2023	
8/4/2023	5.8
2/14/2024	
2/15/2024	5
7/31/2024	
8/1/2024	
8/2/2024	5.2
2/19/2025	
2/20/2025	
2/25/2025	2.8

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
3/1/2016						6.8929	0.9427 (J)	
3/2/2016								2.5669
3/4/2016			1.0816					
3/7/2016	2.1008							
3/8/2016				1.3157				
3/9/2016		26.4322						
5/2/2016						1.6		
5/3/2016							0.87 (J)	1.83
5/4/2016				1.46				
5/5/2016	2.16		11.3					
5/6/2016		17.7						
7/6/2016						1.7		
7/7/2016								1.8
7/8/2016							0.79 (J)	
7/12/2016			8.8					
7/14/2016	2.3							
7/15/2016		12						
7/18/2016				1.5				
9/7/2016						1.5	0.85 (J)	
9/8/2016								0.97 (J)
9/13/2016			5.4	1.5				
9/14/2016		12						
10/25/2016						1.8	0.74 (J)	1.2
10/27/2016	2.3		9.9	1.7				
11/1/2016		10						
1/5/2017						4.6		
1/6/2017							0.64 (J)	
1/13/2017	2.3		7.8	2				
1/25/2017		8.2						
2/9/2017								0.31 (J)
3/14/2017						2.8	0.77 (J)	
3/16/2017				1.6				
3/20/2017	2.4		2.3					
3/22/2017		13						
3/23/2017								0.54 (J)
5/16/2017						2.1	0.48 (J)	
5/17/2017								0.66 (J)
5/19/2017			2.4	1.5				
5/23/2017	2.4							
5/24/2017		10						
9/15/2017						3	0.76 (J)	
9/19/2017	2.2		2.3	1.8				2
9/21/2017		16						
3/12/2018						8.2	0.42 (J)	
3/13/2018	2.4		1.4	1.7				1.5
3/14/2018		14						
9/6/2018						1.5	0.37 (J)	1.4
9/7/2018	1.8							
9/11/2018		14.9	1.7	1.7				
3/6/2019							0.46 (J)	
3/7/2019						4.3		1.1
3/8/2019			1.9	1.6				

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
3/11/2019	2							
3/12/2019		17.7						
9/4/2019						1.8	<1	0.83 (J)
9/5/2019	1.7		1.8	1.6				
9/6/2019		9.5						
3/2/2020						7.9	<1	0.5 (J)
3/3/2020	1.7		2	1.6				
3/5/2020		10.8						
9/3/2020							<1	0.58 (J)
9/4/2020				1.6				
9/8/2020	1.3							
9/9/2020		124	1.9					
9/14/2020						1.3		
12/15/2020		61.2						
2/24/2021							<1	0.72 (J)
3/9/2021	1.4		1.6	1.6				
3/10/2021		56.8						
3/26/2021						5.4		
7/27/2021						7.4		
7/28/2021							<1	0.81 (J)
7/29/2021			1.8					
7/30/2021		72.6						
8/2/2021	1.5			1.7				
1/25/2022								0.58 (J)
1/26/2022						7.5	<1	
1/27/2022	1.3			2				
1/28/2022		98.4	2.3					
4/6/2022					21.2			
8/5/2022								<1
8/8/2022					23.4	19.2	<1	
8/9/2022			2.1	1.9				
8/10/2022	1.6							
8/11/2022		143						
11/3/2022		137 (J)						
2/8/2023					24.6	21.7	0.75 (J)	0.9 (J)
2/9/2023	2		2.9	2.3				
2/10/2023		86.7						
8/2/2023					7.9		0.57 (J)	0.67 (J)
8/3/2023	1.7	69.2	3	2.2		4.2		
2/13/2024					23.4	19.1	<1	0.7 (J)
2/15/2024	1.6		2.3					
2/16/2024		59.5		1.9				
7/30/2024					24.5	15.5	0.58 (J)	0.94 (J)
7/31/2024	1.8	57.8	2.8	2.3				
2/19/2025					22.5	18.9	<1	0.52 (J)
2/20/2025	1.1							
2/24/2025			2					
2/25/2025		25.5		1.7				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/30/2015			7E-05						
10/12/2015						<0.001			
10/13/2015	<0.001	<0.001	<0.001						
3/11/2016									
3/14/2016					<0.001				
3/15/2016							<0.001	<0.001	<0.001
3/22/2016	<0.001								
3/23/2016		<0.001	<0.001			<0.001			
5/11/2016					<0.001		<0.001		
5/12/2016								<0.001	
5/13/2016									<0.001
5/16/2016				<0.001 (D)					
5/19/2016	<0.001		<0.001						
5/20/2016		<0.001							
5/23/2016						<0.001			
7/19/2016					<0.001 (*)				
7/20/2016								<0.001	
7/21/2016							<0.001		<0.001
7/22/2016									
7/27/2016				0.0002 (JD)					
7/29/2016	<0.001	<0.001	<0.001			<0.001			
9/15/2016					<0.001		<0.001	<0.001	
9/19/2016									
9/21/2016									<0.001
9/22/2016			<0.001			<0.001			
9/23/2016	<0.001	<0.001							
11/2/2016					<0.001				
11/3/2016							<0.001	<0.001	<0.001
11/9/2016	<0.001	<0.001							
11/10/2016			<0.001			<0.001			
1/17/2017							<0.001		<0.001
1/18/2017					<0.001			<0.001	
1/30/2017	<0.001								
1/31/2017		<0.001	<0.001			<0.001			
2/21/2017				<0.001					
3/24/2017							<0.001	<0.001	
3/27/2017				<0.001 (D)					<0.001
3/28/2017					5E-05 (J)				
3/30/2017	<0.001	<0.001				<0.001			
4/3/2017			<0.001						
5/24/2017							<0.001		
6/6/2017								<0.001	0.0002 (J)
6/7/2017					<0.001				
6/8/2017				<0.001 (D)					
6/9/2017	<0.001		<0.001						
6/12/2017		<0.001				<0.001			
7/17/2017				<0.001 (D)					
7/27/2017				<0.001					
8/9/2017				<0.001					
9/25/2017								<0.001	<0.001
9/26/2017					7E-05 (J)		<0.001		
9/29/2017				<0.001 (D)					

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
10/2/2017	<0.001	<0.001	<0.001						
10/4/2017						<0.001			
3/14/2018					<0.001		<0.001	<0.001	<0.001
3/16/2018	<0.001		<0.001	<0.001					
3/19/2018		<0.001				<0.001			
9/12/2018					<0.001		<0.001	<0.001	<0.001
9/14/2018		<0.001	<0.001	<0.001					
9/17/2018	<0.001 (D)					<0.001			
3/13/2019							<0.001		
3/14/2019				<0.001				<0.001	<0.001
3/15/2019					<0.001				
3/19/2019			<0.001						
3/20/2019	<0.001	<0.001				<0.001			
9/9/2019					<0.001		<0.001		
9/10/2019								<0.001 (D)	<0.001
9/12/2019	<0.001	<0.001 (D)							
9/13/2019			6.2E-05 (J)			<0.001			
3/6/2020								<0.001	
3/9/2020				<0.001	<0.001		7.8E-05 (J)		6.1E-05 (J)
3/11/2020	<0.001	<0.001	<0.001			<0.001			
9/10/2020					<0.001			<0.001	<0.001
9/11/2020							<0.001		
9/15/2020	<0.001	<0.001	<0.001						
9/16/2020				<0.001					
3/10/2021							<0.001		<0.001
3/11/2021								<0.001	
3/12/2021					<0.001				
3/16/2021	<0.001		<0.001	<0.001					
3/17/2021		<0.001							
3/29/2021						<0.001			
8/4/2021					<0.001		<0.001	<0.001	<0.001
8/6/2021				<0.001					
8/9/2021	<0.001	<0.001	<0.001			<0.001			
1/31/2022					<0.001		<0.001	<0.001	<0.001
2/1/2022	<0.001	<0.001	<0.001						
2/2/2022				<0.001		<0.001			
8/10/2022					<0.001				
8/11/2022								<0.001	<0.001
8/12/2022							<0.001		
8/16/2022	<0.001	<0.001	<0.001	<0.001		<0.001			
2/13/2023					<0.001		<0.001	<0.001	<0.001
2/14/2023				<0.001					
2/16/2023	<0.001	<0.001	<0.001						
2/17/2023						<0.001			
7/25/2023				<0.001				<0.001	<0.001
7/26/2023					<0.001		<0.001		
7/27/2023	<0.001	<0.001	<0.001						
8/1/2023						<0.001			
2/19/2024				<0.001	<0.001		<0.001	<0.001	<0.001
2/20/2024									
2/22/2024	<0.001	<0.001				<0.001			
2/26/2024			<0.001						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/1/2024				<0.001	<0.001		<0.001	<0.001	<0.001
8/6/2024			<0.001						
8/7/2024	<0.001	<0.001							
8/8/2024						<0.001			
2/25/2025					<0.001		<0.001	<0.001	<0.001
2/26/2025				<0.001		<0.001			
2/27/2025	<0.001	<0.001	<0.001						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/30/2015	
10/12/2015	
10/13/2015	
3/11/2016	<0.001
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	<0.001
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	0.0002 (J)
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	<0.001
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	<0.001
11/9/2016	
11/10/2016	
1/17/2017	<0.001
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	<0.001
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	<0.001
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/27/2017	
8/9/2017	
9/25/2017	
9/26/2017	<0.001
9/29/2017	

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
10/2/2017	
10/4/2017	
3/14/2018	<0.001
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	<0.001
9/17/2018	
3/13/2019	
3/14/2019	<0.001
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	<0.001
9/12/2019	
9/13/2019	
3/6/2020	8.6E-05 (J)
3/9/2020	
3/11/2020	
9/10/2020	<0.001
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	<0.001
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	<0.001
8/6/2021	
8/9/2021	
1/31/2022	<0.001
2/1/2022	
2/2/2022	
8/10/2022	<0.001
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	<0.001
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	<0.001
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	<0.001
2/22/2024	
2/26/2024	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/1/2024	<0.001
8/6/2024	
8/7/2024	
8/8/2024	
2/25/2025	<0.001
2/26/2025	
2/27/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
5/13/2015						0.0003 (J)	<0.001	0.0002 (J)	<0.001
5/20/2015						9E-05 (J)	6E-05 (J)	0.0002 (J)	<0.001
5/27/2015						<0.001	<0.001	0.0002 (J)	<0.001
6/8/2015						<0.001	<0.001	9E-05 (J)	<0.001
6/9/2015									
6/17/2015								7E-05 (J)	
6/18/2015						<0.001	<0.001		
6/24/2015						<0.001	<0.001	<0.001	<0.001
6/25/2015									
6/30/2015						6E-05 (J)	<0.001	9E-05 (J)	<0.001
7/1/2015									
7/6/2015						<0.001	<0.001	<0.001	<0.001
7/7/2015									
8/12/2015						<0.001	<0.001	7E-05 (J)	<0.001
10/11/2015				<0.001	<0.001				
2/29/2016							<0.001		
3/2/2016								<0.001	<0.001
3/11/2016	<0.001	<0.001							
3/28/2016				<0.001	<0.001				
5/3/2016								<0.001	<0.001
5/4/2016						<0.001	<0.001		
5/13/2016	<0.001	<0.001							
5/23/2016				<0.001					
5/25/2016					<0.001				
7/7/2016						<0.001			
7/8/2016							0.0002 (J)	6E-05 (J)	
7/11/2016									<0.001
7/19/2016	<0.001 (*)	<0.001							
8/1/2016				<0.001	<0.001				
9/7/2016									<0.001
9/8/2016						<0.001	<0.001	<0.001	
9/16/2016	<0.001	<0.001							
9/26/2016				<0.001	<0.001				
10/26/2016						<0.001	<0.001	<0.001	
10/27/2016									<0.001
11/2/2016	<0.001	<0.001							
11/10/2016				<0.001					
11/11/2016					<0.001				
1/6/2017						<0.001	<0.001		<0.001
1/9/2017								<0.001	
1/18/2017	<0.001	<0.001							
1/30/2017				<0.001	<0.001				
2/22/2017			<0.001						
3/15/2017						4E-05 (J)	4E-05 (J)		
3/16/2017								4E-05 (J)	<0.001
3/28/2017	5E-05 (J)	<0.001							
4/3/2017					<0.001				
4/7/2017			<0.001	<0.001					
5/17/2017							<0.001		
5/18/2017						6E-05 (J)			
5/19/2017								<0.001	<0.001
6/6/2017	<0.001	<0.001							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
6/12/2017				<0.001	<0.001				
6/14/2017			<0.001 (D)						
7/12/2017			<0.001 (D)						
7/19/2017						<0.001			
7/20/2017			<0.001 (D)						
7/28/2017			<0.001						
8/9/2017			<0.001						
8/24/2017			<0.001						
9/15/2017							<0.001		
9/19/2017						6E-05 (J)		<0.001	<0.001
9/22/2017	<0.001	<0.001							
10/2/2017				<0.001	<0.001				
10/3/2017			<0.001 (D)						
3/13/2018						<0.001	<0.001	<0.001	<0.001
3/14/2018	<0.001								
3/15/2018		<0.001							
3/16/2018				<0.001	<0.001				
3/21/2018			<0.001						
9/6/2018							<0.001		
9/7/2018						<0.001			
9/11/2018								<0.001	<0.001
9/12/2018	<0.001	<0.001							
9/17/2018				<0.001					
9/18/2018			<0.001		<0.001				
3/7/2019							<0.001		
3/8/2019						<0.001		<0.001	
3/12/2019									<0.001
3/13/2019	<0.001	<0.001							
3/19/2019				<0.001	<0.001				
3/21/2019			<0.001 (D)						
9/4/2019						0.00014 (J)	<0.001		
9/5/2019								<0.001	<0.001
9/11/2019	6.2E-05 (J)	<0.001							
9/12/2019			<0.001 (D)		<0.001				
9/13/2019				<0.001					
3/2/2020							<0.001		
3/3/2020						0.00012 (J)			
3/4/2020								<0.001	<0.001
3/9/2020	<0.001	<0.001							
3/11/2020				<0.001	5.9E-05 (J)				
3/12/2020			<0.001						
9/3/2020							<0.001		
9/8/2020								<0.001	<0.001
9/9/2020						<0.001			
9/11/2020	<0.001								
9/14/2020		<0.001							
9/15/2020					<0.001				
9/16/2020				<0.001					
9/17/2020			<0.001						
2/24/2021							<0.001		
2/25/2021						<0.001			
2/26/2021								<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/11/2021	<0.001	<0.001							
3/16/2021			<0.001						
3/17/2021				<0.001	<0.001				
7/27/2021							<0.001		
7/28/2021						<0.001			
7/29/2021								<0.001	<0.001
8/5/2021		<0.001							
8/6/2021	<0.001								
8/9/2021				<0.001	<0.001				
8/10/2021			<0.001						
1/25/2022							<0.001		
1/26/2022						<0.001		<0.001	<0.001
1/31/2022	<0.001	<0.001							
2/1/2022				<0.001					
2/2/2022					<0.001				
2/3/2022			<0.001						
8/5/2022							<0.001		
8/8/2022								<0.001	<0.001
8/9/2022						<0.001			
8/10/2022		<0.001							
8/11/2022	<0.001								
8/16/2022				<0.001					
8/17/2022			<0.001		<0.001				
2/13/2023		<0.001							
2/14/2023	<0.001								
2/16/2023				<0.001	<0.001				
2/17/2023			<0.001						
7/25/2023	<0.001	<0.001							
7/28/2023			<0.001	<0.001	<0.001				
2/20/2024	<0.001	<0.001							
2/22/2024				<0.001	<0.001				
2/27/2024			<0.001						
8/2/2024	<0.001	<0.001							
8/8/2024			<0.001	<0.001	<0.001				
2/25/2025	<0.001	<0.001							
2/27/2025				<0.001					
2/28/2025			<0.001		<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
5/13/2015	0.0002 (J)
5/20/2015	0.0002 (J)
5/27/2015	0.0002 (J)
6/8/2015	
6/9/2015	0.0001 (J)
6/17/2015	0.0001 (J)
6/18/2015	
6/24/2015	
6/25/2015	0.0001 (J)
6/30/2015	
7/1/2015	0.0001 (J)
7/6/2015	
7/7/2015	9E-05 (J)
8/12/2015	7E-05 (J)
10/11/2015	
2/29/2016	
3/2/2016	<0.001
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	<0.001
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	<0.001
7/11/2016	
7/19/2016	
8/1/2016	
9/7/2016	
9/8/2016	<0.001
9/16/2016	
9/26/2016	
10/26/2016	<0.001
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	<0.001
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	4E-05 (J)
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
5/17/2017	
5/18/2017	<0.001
5/19/2017	
6/6/2017	

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
6/12/2017	
6/14/2017	
7/12/2017	
7/19/2017	
7/20/2017	
7/28/2017	
8/9/2017	
8/24/2017	
9/15/2017	<0.001
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	<0.001
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	<0.001
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<0.001
3/8/2019	
3/12/2019	
3/13/2019	
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	<0.001
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	7.9E-05 (J)
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	<0.001
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	<0.001
2/26/2021	

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	<0.001
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	<0.001
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	
8/5/2022	<0.001
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014				0.0004 (J)					
9/17/2014					<0.001	0.0002 (J)	<0.001	<0.001	
9/18/2014									0.0001 (J)
10/4/2014				0.0004 (J)	<0.001	0.0002 (J)	<0.001	<0.001	
10/5/2014									0.0001 (J)
10/21/2014				0.0004 (J)	<0.001	0.0002 (J)	<0.001	<0.001	
10/22/2014									0.0001 (J)
11/5/2014						0.0003 (J)		<0.001	0.0002 (J)
11/11/2014				0.0005 (J)	<0.001		<0.001		
3/3/2015				0.0004 (J)	<0.001	0.0002 (J)	<0.001	<0.001	
3/4/2015									0.0001 (J)
3/18/2015				0.0005 (J)	<0.001	0.0002 (J)	<0.001		
3/19/2015								<0.001	0.0001 (J)
4/6/2015				0.0004 (J)	<0.001				
4/7/2015						0.0002 (J)	<0.001	<0.001	0.0001 (J)
4/8/2015									
4/23/2015				0.0004 (J)	<0.001	0.0002 (J)	<0.001		
4/24/2015								<0.001	0.0001 (J)
5/13/2015	<0.001	<0.001	<0.001						
5/20/2015	<0.001	<0.001	<0.001						
5/27/2015	<0.001	<0.001	<0.001						
6/9/2015	<0.001	<0.001	<0.001						
6/17/2015	8E-05 (J)	<0.001	<0.001						
6/24/2015		<0.001							
6/25/2015	7E-05 (J)		<0.001						
7/1/2015	<0.001	<0.001	<0.001						
7/7/2015	0.0001 (J)	<0.001	<0.001						
7/29/2015				0.0003 (J)	<0.001	0.0002 (J)	<0.001	<0.001	
7/30/2015									<0.001
8/13/2015	8E-05 (J)	<0.001	<0.001						
3/2/2016	<0.001								
3/3/2016		<0.001	<0.001	0.002222 (JD)					
3/4/2016					<0.001				
3/7/2016						<0.001	<0.001	<0.001	
3/8/2016									<0.001
5/3/2016	<0.001	<0.001							
5/5/2016						<0.001	<0.001		
5/9/2016			<0.001					<0.001	<0.001
5/10/2016				<0.001	<0.001				
7/11/2016	<0.001	<0.001	<0.001						
7/13/2016				<0.001		<0.001	<0.001		
7/14/2016					<0.001			<0.001	<0.001
7/15/2016									
9/9/2016	<0.001	<0.001	<0.001						
9/12/2016							<0.001	<0.001	<0.001
9/13/2016						<0.001			
9/14/2016					<0.001				
9/15/2016				<0.001					
10/26/2016	<0.001		<0.001						
10/27/2016		<0.001							
10/31/2016						<0.001		<0.001	<0.001
11/1/2016					<0.001		<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
11/2/2016				<0.001					
1/9/2017	<0.001	<0.001	<0.001						
1/11/2017				0.0003 (J)	<0.001		<0.001	<0.001	
1/12/2017						<0.001			<0.001
3/15/2017			<0.001						
3/16/2017	0.0001 (J)	5E-05 (J)							
3/20/2017				0.0003 (J)			<0.001		
3/21/2017					<0.001			<0.001	
3/22/2017									4E-05 (J)
3/23/2017						0.0001 (J)			
5/18/2017	0.0001 (J)	<0.001	<0.001						
5/22/2017							<0.001	<0.001	5E-05 (J)
5/23/2017				0.0003 (J)	<0.001	0.0001 (J)			
9/15/2017	0.0001 (J)		<0.001						
9/18/2017		<0.001							
9/19/2017									6E-05 (J)
9/20/2017								<0.001	
9/21/2017				0.0002 (J)			<0.001		
9/22/2017					<0.001				
9/25/2017						0.0001 (J)			
3/12/2018	<0.001	<0.001							
3/13/2018			<0.001						
3/14/2018				0.00018 (J)	<0.001	<0.001	<0.001	<0.001	<0.001
9/7/2018	<0.001	<0.001	<0.001	0.00016 (J)			<0.001		
9/10/2018								<0.001	<0.001
9/11/2018					<0.001	<0.001			
3/7/2019		<0.001	<0.001						
3/8/2019	<0.001								
3/11/2019				0.00026 (J)					
3/12/2019					<0.001	<0.001	<0.001	<0.001	<0.001
9/4/2019			<0.001						
9/5/2019	0.00011 (J)	<0.001							
9/6/2019							<0.001		<0.001
9/9/2019				6E-05 (J)		<0.001		<0.001	
9/10/2019					<0.001				
3/3/2020	6.5E-05 (J)								
3/4/2020		<0.001	<0.001	0.00014 (J)				<0.001	
3/5/2020					<0.001		<0.001		<0.001
3/6/2020						7.6E-05 (J)			
9/4/2020	<0.001	<0.001	<0.001						<0.001
9/8/2020									
9/9/2020				<0.001	<0.001	<0.001	<0.001	<0.001	
2/25/2021	<0.001	<0.001	<0.001						
2/26/2021						<0.001	<0.001	<0.001	
3/9/2021				<0.001					<0.001
3/10/2021					<0.001				
7/28/2021	<0.001	<0.001	<0.001						
7/29/2021						<0.001	<0.001		
7/30/2021				<0.001	<0.001				
8/2/2021									<0.001
8/5/2021								<0.001	
1/26/2022	<0.001		<0.001						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
1/27/2022		<0.001					<0.001	<0.001	<0.001
1/28/2022				<0.001	<0.001	<0.001			
8/5/2022			<0.001						
8/8/2022	<0.001	<0.001							
8/9/2022								<0.001	<0.001
8/10/2022						<0.001	<0.001		
8/11/2022				<0.001	<0.001				
2/9/2023						<0.001	<0.001	<0.001	
2/10/2023				<0.001	<0.001				<0.001
8/3/2023					<0.001	<0.001			<0.001
8/4/2023				<0.001			<0.001	<0.001	
2/14/2024						<0.001	<0.001	<0.001	
2/15/2024				<0.001	<0.001				<0.001
7/31/2024				<0.001	<0.001	<0.001	<0.001	<0.001	
8/1/2024									<0.001
8/2/2024									
2/19/2025							<0.001		
2/20/2025						<0.001		<0.001	<0.001
2/25/2025				0.00023 (J)	<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/16/2014	
9/17/2014	
9/18/2014	0.0002 (J)
10/4/2014	
10/5/2014	0.0002 (J)
10/21/2014	
10/22/2014	0.0002 (J)
11/5/2014	0.0002 (J)
11/11/2014	
3/3/2015	
3/4/2015	0.0002 (J)
3/18/2015	
3/19/2015	0.0002 (J)
4/6/2015	
4/7/2015	
4/8/2015	0.0002 (J)
4/23/2015	
4/24/2015	0.0002 (J)
5/13/2015	
5/20/2015	
5/27/2015	
6/9/2015	
6/17/2015	
6/24/2015	
6/25/2015	
7/1/2015	
7/7/2015	
7/29/2015	
7/30/2015	0.0001 (J)
8/13/2015	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	<0.001
5/3/2016	
5/5/2016	
5/9/2016	0.000353 (J)
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	<0.001
9/9/2016	<0.001
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	
10/26/2016	
10/27/2016	<0.001
10/31/2016	
11/1/2016	

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	<0.001
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	<0.001
3/22/2017	
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	0.0002 (J)
9/15/2017	
9/18/2017	
9/19/2017	0.0002 (J)
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
3/12/2018	
3/13/2018	
3/14/2018	<0.001
9/7/2018	
9/10/2018	<0.001
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	<0.001
3/12/2019	
9/4/2019	
9/5/2019	
9/6/2019	0.0002 (J)
9/9/2019	
9/10/2019	
3/3/2020	7.1E-05 (J)
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	<0.001
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	<0.001
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	<0.001
8/5/2021	
1/26/2022	

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
1/27/2022	
1/28/2022	0.00021 (J)
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	0.00031 (J)
8/11/2022	
2/9/2023	0.00029 (J)
2/10/2023	
8/3/2023	
8/4/2023	0.00022 (J)
2/14/2024	
2/15/2024	<0.001
7/31/2024	
8/1/2024	
8/2/2024	<0.001
2/19/2025	
2/20/2025	
2/25/2025	0.00028 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/16/2014			<0.001	<0.001			<0.001	<0.001
9/18/2014	<0.001	0.0002 (J)						
10/3/2014						<0.001	<0.001	
10/4/2014			<0.001	<0.001				
10/5/2014	0.0001 (J)	0.0003 (J)						
10/6/2014								<0.001
10/20/2014						<0.001	<0.001	<0.001
10/22/2014	<0.001	0.0002 (J)						
10/23/2014			<0.001	<0.001				
11/5/2014	0.0001 (J)							
11/10/2014			<0.001	<0.001		<0.001	<0.001	<0.001
3/2/2015						<0.001	<0.001	<0.001
3/4/2015	0.0001 (J)	0.0002 (J)	<0.001	<0.001				
3/17/2015						0.0001 (J)	<0.001	<0.001
3/19/2015	0.0001 (J)							
3/20/2015		0.0002 (J)	<0.001	<0.001				
4/5/2015						7E-05 (J)	<0.001	
4/6/2015								<0.001
4/8/2015	0.0001 (J)	0.0002 (J)	<0.001					
4/9/2015				<0.001				
4/21/2015						<0.001		
4/22/2015							<0.001	<0.001
4/23/2015		0.0002 (J)	<0.001	<0.001				
4/24/2015	0.0001 (J)							
7/28/2015						<0.001	<0.001	<0.001
7/30/2015	0.0001 (J)	0.0001 (J)	<0.001	<0.001				
3/1/2016						<0.001	<0.001	
3/2/2016								<0.001
3/4/2016			<0.001					
3/7/2016	<0.001							
3/8/2016				<0.001				
3/9/2016		0.0033 (JO)						
5/2/2016						<0.001		
5/3/2016							<0.001	<0.001
5/4/2016				<0.001				
5/5/2016	<0.001		<0.001					
5/6/2016		<0.001						
7/6/2016						<0.001		
7/7/2016								<0.001
7/8/2016							<0.001	
7/12/2016			<0.001					
7/14/2016	<0.001							
7/15/2016		<0.001						
7/18/2016				<0.001				
9/7/2016						<0.001	<0.001	
9/8/2016								<0.001
9/12/2016	<0.001							
9/13/2016			<0.001	<0.001				
9/14/2016		0.0002 (J)						
10/25/2016						<0.001	<0.001	<0.001
10/27/2016	<0.001		<0.001	<0.001				
11/1/2016		<0.001						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/5/2017						<0.001		
1/6/2017							<0.001	
1/13/2017	<0.001		<0.001	<0.001				
1/25/2017		<0.001						
2/9/2017								<0.001
3/14/2017						<0.001	<0.001	
3/16/2017				<0.001				
3/20/2017	<0.001		<0.001					
3/22/2017		0.0001 (J)						
3/23/2017								<0.001
5/16/2017						<0.001	<0.001	
5/17/2017								<0.001
5/19/2017			<0.001	<0.001				
5/23/2017	0.0001 (J)							
5/24/2017		0.0001 (J)						
9/15/2017						<0.001	<0.001	
9/19/2017	8E-05 (J)		<0.001	<0.001				<0.001
9/21/2017		0.0002 (J)						
3/12/2018						<0.001	<0.001	
3/13/2018	0.00017 (J)		<0.001	<0.001				<0.001
3/14/2018		<0.001						
9/6/2018						<0.001	<0.001	<0.001
9/7/2018	<0.001							
9/11/2018		<0.001	<0.001	<0.001				
3/6/2019							<0.001	
3/7/2019						<0.001		<0.001
3/8/2019			<0.001	<0.001				
3/11/2019	0.00015 (J)							
3/12/2019		<0.001						
9/4/2019						<0.001	<0.001	<0.001
9/5/2019	5.5E-05 (J)		<0.001	<0.001				
9/6/2019		0.0003 (J)						
3/2/2020						<0.001	<0.001	<0.001
3/3/2020	7.2E-05 (J)		<0.001	<0.001				
3/5/2020		0.00018 (J)						
9/3/2020							<0.001	<0.001
9/4/2020				<0.001				
9/8/2020	0.00016 (J)							
9/9/2020		0.00016 (J)	<0.001					
9/14/2020						<0.001		
2/24/2021							<0.001	<0.001
3/9/2021	<0.001		<0.001	<0.001				
3/10/2021		<0.001						
3/26/2021						<0.001		
7/27/2021						<0.001		
7/28/2021							<0.001	<0.001
7/29/2021			<0.001					
7/30/2021		0.00023 (J)						
8/2/2021	<0.001			<0.001				
1/25/2022								<0.001
1/26/2022						<0.001	<0.001	
1/27/2022	<0.001			<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
1/28/2022		<0.001	<0.001					
4/6/2022					<0.001			
8/5/2022								<0.001
8/8/2022					<0.001	<0.001	<0.001	
8/9/2022			<0.001	<0.001				
8/10/2022	<0.001							
8/11/2022		<0.001						
2/8/2023					<0.001	<0.001	<0.001	<0.001
2/9/2023	<0.001		<0.001	<0.001				
2/10/2023		<0.001						
8/2/2023					<0.001		<0.001	<0.001
8/3/2023	<0.001	<0.001	<0.001	<0.001		<0.001		
2/13/2024					<0.001	<0.001	<0.001	<0.001
2/15/2024	<0.001		<0.001					
2/16/2024		<0.001		<0.001				
7/30/2024					<0.001	<0.001	<0.001	<0.001
7/31/2024	<0.001	<0.001	<0.001	<0.001				
2/19/2025					<0.001	<0.001	<0.001	<0.001
2/20/2025	<0.001							
2/24/2025			<0.001					
2/25/2025		0.00022 (J)		<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/11/2016									
3/14/2016					106				
3/15/2016							107	110	78
3/22/2016	150								
3/23/2016		259	174			<25			
5/11/2016					58		80		
5/12/2016								49	
5/13/2016									178
5/16/2016				114 (D)					
5/19/2016	150		93						
5/20/2016		122							
5/23/2016						<25			
7/19/2016					46				
7/20/2016								72	
7/21/2016							76		168
7/22/2016									
7/27/2016				107 (D)					
7/29/2016	146	156	68			17 (J)			
9/15/2016					41			18 (J)	
9/19/2016							108		
9/21/2016									123
9/22/2016			91			33			
9/23/2016	163	150							
11/2/2016					37				
11/3/2016							90	70	157
11/9/2016	147	87							
11/10/2016			96			41			
1/17/2017							128		170
1/18/2017					29			63	
1/30/2017	127								
1/31/2017		63	206			58			
2/21/2017				229 (D)					
3/24/2017							91	63	
3/27/2017				239 (D)					158
3/28/2017					40				
3/30/2017	137	112				<25			
4/3/2017			118						
5/24/2017							152		
6/6/2017								128	212
6/7/2017									
6/8/2017				179 (D)					
6/9/2017	164		87						
6/12/2017		216				20 (J)			
7/17/2017				180 (D)					
7/27/2017				190 (D)					
8/9/2017				153 (D)					
9/25/2017								109	145
9/26/2017					107		103		
9/29/2017				173 (D)					
10/2/2017	137	<25	73						
10/4/2017						<25			
3/14/2018					126		123	192	210

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/16/2018	140		130	150					
3/19/2018		295				<25			
9/12/2018					134		105	82	159
9/14/2018		30	103	165					
9/17/2018	162					32			
3/13/2019							130		
3/14/2019				154				119	157
3/15/2019					107				
3/19/2019			208						
3/20/2019	175	49				30			
9/9/2019					93		108		
9/10/2019				181				36	113
9/12/2019	174	44							
9/13/2019			113			19			
3/6/2020								137	
3/9/2020				173	58		131		249
3/11/2020	172	309	170			24			
9/10/2020					16			35	111
9/11/2020							102		
9/15/2020	156	28	89						
9/16/2020				156					
3/10/2021							60		148
3/11/2021								101	
3/12/2021					55				
3/16/2021	155		102	142					
3/17/2021		211							
3/29/2021						76			
8/4/2021					60		66	77	176
8/6/2021				133					
8/9/2021	150	207	127			95			
1/31/2022					61		81	63	184
2/1/2022	143	202	114						
2/2/2022				143		104			
8/10/2022					50				
8/11/2022								73	170
8/12/2022							91		
8/16/2022	159	182	123	125		85			
2/13/2023					105 (J)		259 (J)	111 (J)	163 (J)
2/14/2023				149 (J)					
2/16/2023	152 (J)	267 (J)	197 (J)						
2/17/2023						117 (J)			
7/25/2023				158				43	162
7/26/2023					57		70		
7/27/2023	167	177	155						
8/1/2023						113			
2/19/2024				177	63		108	130	199
2/20/2024									
2/22/2024	148	210				117			
2/26/2024			126						
8/1/2024				161	68		96	49	197
8/6/2024			105						
8/7/2024	179	183							

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/8/2024						150			
2/25/2025					91		119	142	161
2/26/2025				156		121			
2/27/2025	142	211	231						

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/11/2016	139
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	112
5/19/2016	
5/20/2016	
5/23/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	136
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	121
9/21/2016	
9/22/2016	
9/23/2016	
11/2/2016	
11/3/2016	132
11/9/2016	
11/10/2016	
1/17/2017	150
1/18/2017	
1/30/2017	
1/31/2017	
2/21/2017	
3/24/2017	
3/27/2017	148
3/28/2017	
3/30/2017	
4/3/2017	
5/24/2017	
6/6/2017	
6/7/2017	181
6/8/2017	
6/9/2017	
6/12/2017	
7/17/2017	
7/27/2017	
8/9/2017	
9/25/2017	
9/26/2017	113
9/29/2017	
10/2/2017	
10/4/2017	
3/14/2018	134

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	139
9/17/2018	
3/13/2019	
3/14/2019	157
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	105
9/12/2019	
9/13/2019	
3/6/2020	143
3/9/2020	
3/11/2020	
9/10/2020	120
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	109
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	141
8/6/2021	
8/9/2021	
1/31/2022	132
2/1/2022	
2/2/2022	
8/10/2022	134
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	226
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	134
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	146
2/22/2024	
2/26/2024	
8/1/2024	158
8/6/2024	
8/7/2024	

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/8/2024	
2/25/2025	155
2/26/2025	
2/27/2025	

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
2/29/2016							134		
3/2/2016								130	134
3/11/2016	69	144							
3/28/2016				<25	46				
5/3/2016								99	76
5/4/2016						175	113		
5/13/2016	88	142							
5/23/2016				32					
5/25/2016					57				
7/7/2016						204			
7/8/2016							152	132	
7/11/2016									142
7/19/2016	56	135							
8/1/2016				<25	<25				
9/7/2016									143
9/8/2016						141	124	108	
9/16/2016	31	144							
9/26/2016				45	60				
10/26/2016						153	134	113	
10/27/2016									114
11/2/2016	48	152							
11/10/2016				38					
11/11/2016					13 (J)				
1/6/2017						329			
1/9/2017								146	
1/18/2017	44	125							
1/30/2017				<25	<25				
2/22/2017			329 (D)						
3/15/2017						197	139		
3/16/2017								132	146
3/28/2017	<25	109							
4/3/2017					100				
4/7/2017			295 (D)	18 (J)					
5/17/2017							156		
5/18/2017						250			
5/19/2017								114	129
6/6/2017	36	154							
6/12/2017				15 (J)	51				
6/14/2017			237 (D)						
7/12/2017			400 (D)						
7/19/2017						195			
7/20/2017			203 (D)						
7/28/2017			262 (D)						
8/9/2017			195 (D)						
8/24/2017			236 (D)						
9/15/2017							141		
9/19/2017						255		154	165
9/22/2017	41	157							
10/2/2017				17 (J)	32				
10/3/2017			224 (D)						
3/13/2018						233	150	138	132
3/14/2018	<25								

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/15/2018		117							
3/16/2018				<25	<25				
3/21/2018			237						
9/6/2018							160		
9/7/2018						232			
9/11/2018								140	142
9/12/2018	<25	151							
9/17/2018				38					
9/18/2018			227		15 (J)				
3/7/2019							159		
3/8/2019						244		143	
3/12/2019									150 (J)
3/13/2019	31	152							
3/19/2019				34	48				
3/21/2019			367 (D)						
9/4/2019						207	135		
9/5/2019								148	142
9/11/2019	21	151							
9/12/2019			200 (D)		46				
9/13/2019				19					
3/2/2020							142		
3/3/2020						211			
3/4/2020								146	157
3/9/2020	51	174							
3/11/2020				17	24				
3/12/2020			247						
9/3/2020							132		
9/8/2020								138	124
9/9/2020						205			
9/11/2020	31								
9/14/2020		146							
9/15/2020					12				
9/16/2020				20					
9/17/2020			223						
2/24/2021							144		
2/25/2021						217			
2/26/2021								128	98
3/11/2021	14	98							
3/16/2021			196						
3/17/2021				<25	31				
7/27/2021							170		
7/28/2021						199			
7/29/2021								121	134
8/5/2021		126							
8/6/2021	33								
8/9/2021				14	<25				
8/10/2021			238						
1/25/2022							136		
1/26/2022						190		131	144
1/31/2022	25	128							
2/1/2022				21					
2/2/2022					15				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
2/3/2022			243						
8/5/2022							123		
8/8/2022								137 (J)	136 (J)
8/9/2022						208			
8/10/2022		145							
8/11/2022	28								
8/16/2022				<25					
8/17/2022			226		18 (J)				
2/13/2023		126							
2/14/2023	60.9								
2/16/2023				<25	<25				
2/17/2023			252 (J)						
7/25/2023	<25	167							
7/28/2023			243	<25	<25				
2/20/2024	<25	136							
2/22/2024				<25	<25				
2/27/2024			268						
8/2/2024	33	188							
8/8/2024			258	147	64				
2/25/2025	<25	140							
2/27/2025				32					
2/28/2025			273		<25				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
2/29/2016	
3/2/2016	125
3/11/2016	
3/28/2016	
5/3/2016	
5/4/2016	77
5/13/2016	
5/23/2016	
5/25/2016	
7/7/2016	
7/8/2016	139
7/11/2016	
7/19/2016	
8/1/2016	
9/7/2016	
9/8/2016	110
9/16/2016	
9/26/2016	
10/26/2016	115
10/27/2016	
11/2/2016	
11/10/2016	
11/11/2016	
1/6/2017	
1/9/2017	121
1/18/2017	
1/30/2017	
2/22/2017	
3/15/2017	132
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
5/17/2017	
5/18/2017	174
5/19/2017	
6/6/2017	
6/12/2017	
6/14/2017	
7/12/2017	
7/19/2017	
7/20/2017	
7/28/2017	
8/9/2017	
8/24/2017	
9/15/2017	124
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	133
3/14/2018	

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	135
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	111
3/8/2019	
3/12/2019	
3/13/2019	
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	132
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	91
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	116
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	124
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	
7/27/2021	116
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	113
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
2/3/2022	
8/5/2022	106
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/2/2016	185								
3/3/2016		181	403	306					
3/4/2016					348				
3/7/2016						100	167	172	
3/8/2016									207
5/3/2016	182	123							
5/5/2016						63	119		
5/9/2016			182					206	189
5/10/2016				275	342				
7/11/2016	195	149	262						
7/13/2016				234		63	135		
7/14/2016					335			136	193
7/15/2016									
9/9/2016	140	133	272						
9/12/2016							129	171	201
9/13/2016						81			
9/14/2016					335				
9/15/2016				259					
10/26/2016	148		276						
10/27/2016		168							
10/31/2016						40		160	215
11/1/2016					296		121		
11/2/2016				260					
1/9/2017	171	166	317						
1/11/2017				306	376		177	214	
1/12/2017						92			198
3/15/2017			355						
3/16/2017	176	189							
3/20/2017				304			149		
3/21/2017					346			175 (J)	
3/23/2017						116			
5/18/2017	184	192	382						
5/22/2017							119	129	197
5/23/2017				297	320	107			
9/15/2017	194		362						
9/18/2017		184							
9/19/2017									225
9/20/2017								173	
9/21/2017				307			166		
9/22/2017					337				
9/25/2017						110			
12/29/2017									198 (Y)
3/12/2018	212	207							
3/13/2018			349						
3/14/2018				312	323	115	139	156	167
9/7/2018	240	202	377	298			149		
9/10/2018								172	184
9/11/2018					317	102			
3/7/2019		212	410						
3/8/2019	248								
3/11/2019				344					
3/12/2019					306	135 (J)	143 (J)	156 (J)	191 (J)

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/4/2019			326						
9/5/2019	229	183							
9/6/2019							141		179
9/9/2019				275		95		172	
9/10/2019					312				
3/3/2020	210								
3/4/2020		207	325	326				157	
3/5/2020					307		143		171
3/6/2020						109			
9/4/2020	226	180	267						212
9/8/2020									
9/9/2020				297	285	88	120	152	
2/25/2021	217	194	284						
2/26/2021						90	121	172	
3/9/2021				335					163
3/10/2021					256				
7/28/2021	232	206	291						
7/29/2021						103	146		
7/30/2021				294	270				
8/2/2021									168
8/5/2021								154	
1/26/2022	244		278						
1/27/2022		207					146	149	176
1/28/2022				317	302	99			
8/5/2022			271						
8/8/2022	240 (J)	209 (J)							
8/9/2022								102	171
8/10/2022						86	147		
8/11/2022				306	296				
2/9/2023						175	171	171	
2/10/2023				369	302				226 (J)
8/3/2023					316	82			193
8/4/2023				306			148	163	
2/14/2024						143	156	182	
2/15/2024				401	333				224
6/26/2024				313 (R)					
7/31/2024				315	300	87	156	144	
8/1/2024									245
8/2/2024									
2/19/2025							144		
2/20/2025						119		153	172
2/25/2025				312	305				

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	318
5/3/2016	
5/5/2016	
5/9/2016	136
5/10/2016	
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	237
9/9/2016	263
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	
10/26/2016	
10/27/2016	283
10/31/2016	
11/1/2016	
11/2/2016	
1/9/2017	
1/11/2017	
1/12/2017	276
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	385
3/23/2017	
5/18/2017	
5/22/2017	
5/23/2017	294
9/15/2017	
9/18/2017	
9/19/2017	302
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
12/29/2017	
3/12/2018	
3/13/2018	
3/14/2018	306
9/7/2018	
9/10/2018	328
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	311
3/12/2019	

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/4/2019	
9/5/2019	
9/6/2019	291
9/9/2019	
9/10/2019	
3/3/2020	292
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	297
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	286
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	292
8/5/2021	
1/26/2022	
1/27/2022	
1/28/2022	290
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	286
8/11/2022	
2/9/2023	317
2/10/2023	
8/3/2023	
8/4/2023	298
2/14/2024	
2/15/2024	290
6/26/2024	
7/31/2024	
8/1/2024	
8/2/2024	313
2/19/2025	
2/20/2025	
2/25/2025	241

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
3/1/2016						150	34	
3/2/2016								34
3/4/2016			209					
3/7/2016	163							
3/8/2016				177				
3/9/2016		287						
5/2/2016						105		
5/3/2016							<25	<25
5/4/2016				97				
5/5/2016	140		152					
5/6/2016		284						
7/6/2016						113		
7/7/2016								39
7/8/2016							14 (J)	
7/12/2016			157					
7/14/2016	161							
7/15/2016		249						
7/18/2016				150				
9/7/2016						169	16 (J)	
9/8/2016								<25
9/12/2016	168							
9/13/2016			154	159				
9/14/2016		273						
10/25/2016						152	<25	<25
10/27/2016	140		162	143				
11/1/2016		258						
1/5/2017						229		
1/6/2017							189 (O)	
1/13/2017	147 (J)		165	158				
1/25/2017		340						
2/9/2017								65
3/14/2017						188	90 (O)	
3/16/2017				167				
3/20/2017	186		205 (J)					
3/22/2017		264						
3/23/2017								<25
5/16/2017						147	20 (J)	
5/17/2017								113
5/19/2017			149	150				
5/23/2017	183							
5/24/2017		331						
9/15/2017						146	14 (J)	
9/19/2017	167		153	146				21 (J)
9/21/2017		347						
3/12/2018						169	<25	
3/13/2018	159		153	153				33
3/14/2018		290						
9/6/2018						155	<25	<25
9/7/2018	169							
9/11/2018		295	152	153				
3/6/2019							22 (J)	
3/7/2019						135		84

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
3/8/2019			164	155				
3/11/2019	166							
3/12/2019		310 (J)						
9/4/2019						142	26	44
9/5/2019	171		155.5 (D)	177				
9/6/2019		300						
3/2/2020						170	<25	32
3/3/2020	181		146	183				
3/5/2020		265						
9/3/2020							25	21
9/4/2020				172				
9/8/2020	157							
9/9/2020		501	155					
9/14/2020						156		
12/15/2020		351						
2/24/2021							10	12
3/9/2021	161		158	153				
3/10/2021		333						
3/26/2021						123		
7/27/2021						163		
7/28/2021							13	18
7/29/2021			143					
7/30/2021		380						
8/2/2021	166			175				
1/25/2022								27
1/26/2022						184	26	
1/27/2022	167			168				
1/28/2022		454	159					
4/6/2022					238			
8/5/2022								27
8/8/2022					232 (J)	232 (J)	19 (J)	
8/9/2022			149	164				
8/10/2022	162							
8/11/2022		586						
11/3/2022		573 (J)						
2/8/2023					245	238	<25	31
2/9/2023	328 (O)		147	169				
2/10/2023		533						
8/2/2023					224		<25	32
8/3/2023	153	536	146	170		188		
2/13/2024					248	252	<25	31
2/15/2024	180		248					
2/16/2024		395		155				
7/30/2024					239	217	<25	53
7/31/2024	181	403	152	166				
2/19/2025					234	241	<25	<25
2/20/2025	154							
2/24/2025			129					
2/25/2025		329		160				

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/23/2007	<0.01	<0.01	<0.01			<0.01			
10/23/2007	<0.01								
10/24/2007		<0.01	<0.01						
11/2/2007						<0.01			
11/18/2007	<0.01	0.0051	<0.01			0.0046			
1/30/2008	<0.01								
1/31/2008		<0.01	0.0078			<0.01			
3/10/2008	<0.01		<0.01						
3/11/2008		0.0032				<0.01			
5/6/2008		<0.01							
5/13/2008	<0.01		<0.01						
5/14/2008						<0.01			
12/4/2008		0.016 (O)	<0.01						
12/5/2008	<0.01					<0.01			
4/15/2009	<0.01					<0.01			
4/21/2009		0.005	0.0036						
10/7/2009	0.0099	<0.01							
10/8/2009			<0.01			<0.01			
4/21/2010			<0.01						
4/26/2010		<0.01							
4/28/2010						<0.01			
5/3/2010	<0.01								
9/28/2010			<0.01						
10/4/2010		0.0025							
10/6/2010						<0.01			
10/12/2010	<0.01								
4/12/2011			<0.01						
4/13/2011		<0.01							
4/21/2011						<0.01			
4/27/2011	<0.01								
10/4/2011			<0.01						
10/5/2011		<0.01							
10/13/2011						<0.01			
10/17/2011	<0.01								
4/3/2012			<0.01						
4/11/2012		<0.01							
5/1/2012						<0.01			
5/2/2012	<0.01								
10/8/2012	<0.01								
10/9/2012		<0.01	<0.01			<0.01			
4/11/2013			<0.01			<0.01			
4/12/2013	<0.01								
4/15/2013		<0.01							
10/15/2013		<0.01							
10/16/2013	<0.01		<0.01			<0.01			
4/10/2014			0.005 (J)						
4/11/2014	<0.01								
4/22/2014		<0.01							
4/23/2014						<0.01			
9/30/2014	<0.01	<0.01	<0.01						
10/4/2014						<0.01			
3/30/2015	0.0067	0.0016 (J)	<0.01						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/31/2015						0.0023 (J)			
10/12/2015						<0.01			
10/13/2015	<0.01	<0.01	<0.01						
3/11/2016									
3/14/2016					<0.01				
3/15/2016							<0.01	<0.01	<0.01
3/22/2016	0.00214 (J)								
3/23/2016		<0.01	<0.01			<0.01			
5/11/2016					<0.01		<0.01		
5/12/2016								<0.01	
5/13/2016									<0.01
5/16/2016				<0.01 (D)					
7/19/2016					<0.01				
7/20/2016								<0.01	
7/21/2016							<0.01		<0.01
7/22/2016									
7/27/2016				0.002 (JD)					
7/29/2016	<0.01	<0.01	<0.01			<0.01			
9/15/2016					<0.01		<0.01	<0.01	
9/19/2016									
9/21/2016									<0.01
11/2/2016					<0.01				
11/3/2016							<0.01	<0.01	<0.01
1/17/2017							<0.01		<0.01
1/18/2017					<0.01			<0.01	
2/21/2017				<0.01					
3/24/2017							<0.01	<0.01	
3/27/2017				<0.01 (D)					<0.01
3/28/2017					<0.01				
3/30/2017	<0.01	<0.01				<0.01			
4/3/2017			<0.01						
9/25/2017								<0.01	<0.01
9/26/2017					<0.01		<0.01		
9/29/2017				<0.01 (D)					
10/2/2017	<0.01	<0.01	<0.01						
10/4/2017						<0.01			
3/14/2018					<0.01		<0.01	<0.01	<0.01
3/16/2018	<0.01		<0.01	<0.01					
3/19/2018		<0.01				<0.01			
9/12/2018					<0.01		<0.01	<0.01	<0.01
9/14/2018		<0.01	<0.01	<0.01					
9/17/2018	<0.01 (D)					<0.01			
3/13/2019							<0.01		
3/14/2019				<0.01				<0.01	<0.01
3/15/2019					<0.01				
3/19/2019			<0.01						
3/20/2019	<0.01	<0.01				<0.01			
9/9/2019					<0.01		<0.01		
9/10/2019								<0.01 (D)	<0.01
9/12/2019	<0.01	<0.01 (D)							
9/13/2019			0.001 (J)			<0.01			
3/6/2020								<0.01	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/9/2020				<0.01	<0.01		<0.01		<0.01
3/11/2020	<0.01	<0.01	0.00084 (J)			<0.01			
9/10/2020					<0.01			<0.01	<0.01
9/11/2020							<0.01		
9/15/2020	<0.01	<0.01	<0.01						
9/16/2020				<0.01					
3/10/2021							<0.01		<0.01
3/11/2021								<0.01	
3/12/2021					<0.01				
3/16/2021	<0.01		<0.01	<0.01					
3/17/2021		<0.01							
3/29/2021						<0.01			
8/4/2021					<0.01		<0.01	<0.01	<0.01
8/6/2021				<0.01					
8/9/2021	<0.01	<0.01	<0.01			<0.01			
1/31/2022					<0.01		<0.01	<0.01	<0.01
2/1/2022	<0.01	<0.01	<0.01						
2/2/2022				<0.01		<0.01			
8/10/2022					<0.01				
8/11/2022								<0.01	<0.01
8/12/2022							<0.01		
8/16/2022	<0.01	<0.01	<0.01	<0.01		<0.01			
2/13/2023					<0.01		<0.01	<0.01	<0.01
2/14/2023				<0.01					
2/16/2023	<0.01	<0.01	<0.01						
2/17/2023						<0.01			
7/25/2023				<0.01				<0.01	<0.01
7/26/2023					<0.01		<0.01		
7/27/2023	<0.01	<0.01	<0.01						
8/1/2023						<0.01			
2/19/2024				0.001 (J)	<0.01		<0.01	<0.01	0.001 (J)
2/20/2024									
2/22/2024	<0.01	<0.01				<0.01			
2/26/2024			<0.01						
8/1/2024				<0.01	<0.01		<0.01	<0.01	<0.01
8/6/2024			0.0015 (J)						
8/7/2024	<0.01	<0.01							
8/8/2024						<0.01			
2/25/2025					<0.01		<0.01	<0.01	<0.01
2/26/2025				<0.01		<0.01			
2/27/2025	<0.01	<0.01	<0.01						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/23/2007	
10/23/2007	
10/24/2007	
11/2/2007	
11/18/2007	
1/30/2008	
1/31/2008	
3/10/2008	
3/11/2008	
5/6/2008	
5/13/2008	
5/14/2008	
12/4/2008	
12/5/2008	
4/15/2009	
4/21/2009	
10/7/2009	
10/8/2009	
4/21/2010	
4/26/2010	
4/28/2010	
5/3/2010	
9/28/2010	
10/4/2010	
10/6/2010	
10/12/2010	
4/12/2011	
4/13/2011	
4/21/2011	
4/27/2011	
10/4/2011	
10/5/2011	
10/13/2011	
10/17/2011	
4/3/2012	
4/11/2012	
5/1/2012	
5/2/2012	
10/8/2012	
10/9/2012	
4/11/2013	
4/12/2013	
4/15/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/11/2014	
4/22/2014	
4/23/2014	
9/30/2014	
10/4/2014	
3/30/2015	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/31/2015	
10/12/2015	
10/13/2015	
3/11/2016	<0.01
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	<0.01
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	<0.01
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	<0.01
9/21/2016	
11/2/2016	
11/3/2016	<0.01
1/17/2017	<0.01
1/18/2017	
2/21/2017	
3/24/2017	
3/27/2017	<0.01
3/28/2017	
3/30/2017	
4/3/2017	
9/25/2017	
9/26/2017	<0.01
9/29/2017	
10/2/2017	
10/4/2017	
3/14/2018	<0.01
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	<0.01
9/17/2018	
3/13/2019	
3/14/2019	<0.01
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	<0.01
9/12/2019	
9/13/2019	
3/6/2020	<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/9/2020	
3/11/2020	
9/10/2020	<0.01
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	<0.01
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	<0.01
8/6/2021	
8/9/2021	
1/31/2022	<0.01
2/1/2022	
2/2/2022	
8/10/2022	<0.01
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	<0.01
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	<0.01
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	0.0015 (J)
2/22/2024	
2/26/2024	
8/1/2024	<0.01
8/6/2024	
8/7/2024	
8/8/2024	
2/25/2025	<0.01
2/26/2025	
2/27/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
12/12/2008				<0.01	<0.01				
4/23/2009				<0.01	0.0065				
10/6/2009				<0.01	0.0026				
4/27/2010				<0.01					
5/3/2010					0.0028				
9/30/2010				<0.01					
10/11/2010					0.0035				
4/14/2011				<0.01					
4/27/2011					0.0047				
10/5/2011				<0.01					
10/19/2011					<0.01				
4/11/2012				<0.01					
5/1/2012					<0.01				
10/2/2012				<0.01	<0.01				
4/9/2013				<0.01					
4/10/2013					<0.01				
10/15/2013				<0.01					
10/16/2013					<0.01				
4/10/2014				<0.01					
4/22/2014					0.005 (J)				
10/1/2014				<0.01	<0.01				
3/30/2015				<0.01	0.0032 (J)				
5/8/2015						<0.01	<0.01		<0.01
5/9/2015								<0.01	
5/17/2015						0.0044 (J)	<0.01		<0.01
5/18/2015								<0.01	
5/25/2015						0.0025 (J)	<0.01	<0.01	<0.01
6/8/2015						0.0042 (J)	0.0012 (J)	<0.01	<0.01
6/9/2015									
6/17/2015								<0.01	
6/18/2015						0.0056	<0.01		<0.01
6/24/2015						0.016	<0.01	<0.01	<0.01
6/25/2015									
6/30/2015						0.013	<0.01	<0.01	<0.01
7/1/2015									
7/6/2015						0.012	0.0011 (J)	<0.01	<0.01
7/7/2015									
8/12/2015						0.0279 (O)	0.000519 (J)	0.000525 (J)	0.000172 (J)
10/11/2015				<0.01	<0.01				
2/29/2016							<0.01		
3/2/2016								<0.01	<0.01
3/11/2016	0.00204 (J)	0.00202 (J)							
3/28/2016				<0.01	<0.01				
5/13/2016	<0.01	<0.01							
7/7/2016						<0.01			
7/8/2016							<0.01	<0.01	
7/11/2016									<0.01
7/19/2016	<0.01	<0.01							
8/1/2016				<0.01	<0.01				
9/16/2016	<0.01	<0.01							
11/2/2016	<0.01	<0.01							
1/18/2017	<0.01	<0.01							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/15/2017						<0.01	<0.01		
3/16/2017								<0.01	<0.01
3/28/2017	<0.01	<0.01							
4/3/2017					<0.01				
4/7/2017			<0.01	<0.01					
9/15/2017							<0.01		
9/19/2017						<0.01		<0.01	<0.01
9/22/2017	<0.01	<0.01							
10/2/2017				<0.01	<0.01				
10/3/2017			<0.01 (D)						
3/13/2018						<0.01	<0.01	<0.01	<0.01
3/14/2018	<0.01								
3/15/2018		<0.01							
3/16/2018				<0.01	<0.01				
3/21/2018			<0.01						
9/6/2018							<0.01		
9/7/2018						<0.01			
9/11/2018								<0.01	<0.01
9/12/2018	<0.01	<0.01							
9/17/2018				<0.01					
9/18/2018			<0.01		<0.01				
3/7/2019							<0.01		
3/8/2019						<0.01		<0.01	
3/12/2019									<0.01
3/13/2019	<0.01	<0.01							
3/19/2019				<0.01	<0.01				
3/21/2019			<0.01 (D)						
9/4/2019						<0.01	<0.01		
9/5/2019								<0.01	<0.01
9/11/2019	<0.01	<0.01							
9/12/2019			0.00084 (JD)		<0.01				
9/13/2019				<0.01					
3/2/2020							<0.01		
3/3/2020						0.00091 (J)			
3/4/2020								<0.01	<0.01
3/9/2020	<0.01	0.00074 (J)							
3/11/2020				<0.01	<0.01				
3/12/2020			<0.01						
9/3/2020							<0.01		
9/8/2020								<0.01	<0.01
9/9/2020						<0.01			
9/11/2020	<0.01								
9/14/2020		<0.01							
9/15/2020					<0.01				
9/16/2020				<0.01					
9/17/2020			<0.01						
2/24/2021							<0.01		
2/25/2021						<0.01			
2/26/2021								<0.01	<0.01
3/11/2021	<0.01	<0.01							
3/16/2021			<0.01						
3/17/2021				<0.01	<0.01				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
7/27/2021							<0.01		
7/28/2021						<0.01			
7/29/2021								<0.01	<0.01
8/5/2021		<0.01							
8/6/2021	<0.01								
8/9/2021				<0.01	<0.01				
8/10/2021			<0.01						
1/25/2022							<0.01		
1/26/2022						<0.01		<0.01	<0.01
1/31/2022	<0.01	<0.01							
2/1/2022				<0.01					
2/2/2022					<0.01				
2/3/2022			<0.01						
8/5/2022							<0.01		
8/8/2022								<0.01	<0.01
8/9/2022						<0.01			
8/10/2022		<0.01							
8/11/2022	<0.01								
8/16/2022				<0.01					
8/17/2022			<0.01		<0.01				
2/13/2023		<0.01							
2/14/2023	<0.01								
2/16/2023				<0.01	<0.01				
2/17/2023			<0.01						
7/25/2023	<0.01	<0.01							
7/28/2023			<0.01	<0.01	<0.01				
2/20/2024	0.0017 (J)	0.0016 (J)							
2/22/2024				<0.01	<0.01				
2/27/2024			<0.01						
8/2/2024	<0.01	<0.01							
8/8/2024			<0.01	<0.01	<0.01				
2/25/2025	<0.01	<0.01							
2/27/2025				<0.01					
2/28/2025			<0.01		<0.01				

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
12/12/2008	
4/23/2009	
10/6/2009	
4/27/2010	
5/3/2010	
9/30/2010	
10/11/2010	
4/14/2011	
4/27/2011	
10/5/2011	
10/19/2011	
4/11/2012	
5/1/2012	
10/2/2012	
4/9/2013	
4/10/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/22/2014	
10/1/2014	
3/30/2015	
5/8/2015	
5/9/2015	0.0018 (J)
5/17/2015	
5/18/2015	0.0014 (J)
5/25/2015	<0.01
6/8/2015	
6/9/2015	<0.01
6/17/2015	0.0015 (J)
6/18/2015	
6/24/2015	
6/25/2015	<0.01
6/30/2015	
7/1/2015	<0.01
7/6/2015	
7/7/2015	<0.01
8/12/2015	0.000656 (J)
10/11/2015	
2/29/2016	
3/2/2016	<0.01
3/11/2016	
3/28/2016	
5/13/2016	
7/7/2016	
7/8/2016	<0.01
7/11/2016	
7/19/2016	
8/1/2016	
9/16/2016	
11/2/2016	
1/18/2017	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/15/2017	<0.01
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
9/15/2017	<0.01
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	<0.01
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	<0.01
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<0.01
3/8/2019	
3/12/2019	
3/13/2019	
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	<0.01
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	<0.01
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	<0.01
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	<0.01
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
7/27/2021	<0.01
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	<0.01
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	
8/5/2022	<0.01
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014				0.0019 (J)					
9/17/2014					<0.01	<0.01	0.001 (J)	<0.01	
9/18/2014									<0.01
10/4/2014				0.005	<0.01	<0.01	<0.01	<0.01	
10/5/2014									<0.01
10/21/2014				0.00089 (J)	<0.01	<0.01	0.00084 (J)	<0.01	
10/22/2014									<0.01
11/5/2014						<0.01		<0.01	<0.01
11/11/2014				<0.01	0.0012 (J)		<0.01		
3/3/2015				0.00093 (J)	<0.01	<0.01	<0.01	<0.01	
3/4/2015									<0.01
3/18/2015				<0.01	<0.01	<0.01	<0.01		
3/19/2015								<0.01	0.0012 (J)
4/6/2015				<0.01	<0.01				
4/7/2015						<0.01	<0.01	<0.01	<0.01
4/8/2015									
4/23/2015				<0.01	<0.01	<0.01	<0.01		
4/24/2015								<0.01	<0.01
5/9/2015	<0.01	<0.01	<0.01						
5/18/2015	0.0014 (J)	0.0017 (J)							
5/19/2015			0.0015 (J)						
5/26/2015	<0.01	<0.01	<0.01						
6/9/2015	<0.01	0.0033 (J)	<0.01						
6/17/2015	<0.01	<0.01	<0.01						
6/25/2015	<0.01	<0.01	<0.01						
7/1/2015	<0.01	0.0031 (J)	<0.01						
7/7/2015	<0.01	<0.01	<0.01						
7/29/2015				<0.01	<0.01	<0.01	<0.01	<0.01	
7/30/2015									<0.01
8/12/2015	0.000246 (J)	0.000187 (J)	0.000497 (J)						
3/2/2016	<0.01								
3/3/2016		<0.01	<0.01	<0.01					
3/4/2016					<0.01				
3/7/2016						<0.01	<0.01	<0.01	
3/8/2016									<0.01
7/11/2016	<0.01	<0.01	<0.01						
7/13/2016				0.0021 (J)		<0.01	<0.01		
7/14/2016					<0.01			<0.01	<0.01
7/15/2016									
3/15/2017			<0.01						
3/16/2017	<0.01	<0.01							
3/20/2017				0.0019 (J)			<0.01		
3/21/2017					<0.01			<0.01	
3/22/2017									<0.01
3/23/2017						<0.01			
9/15/2017	<0.01		<0.01						
9/18/2017		<0.01							
9/19/2017									<0.01
9/20/2017								<0.01	
9/21/2017				<0.01			<0.01		
9/22/2017					<0.01				
9/25/2017						<0.01			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/12/2018	<0.01	<0.01							
3/13/2018			<0.01						
3/14/2018				<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
9/7/2018	<0.01	<0.01	<0.01	<0.01			<0.01		
9/10/2018								<0.01	<0.01
9/11/2018					<0.01	<0.01			
3/7/2019		<0.01	<0.01						
3/8/2019	<0.01								
3/11/2019				<0.01					
3/12/2019					<0.01	<0.01	<0.01	<0.01	<0.01
9/4/2019			<0.01						
9/5/2019	<0.01	<0.01							
9/6/2019							<0.01		<0.01
9/9/2019				0.00091 (J)		0.00078 (J)		0.00081 (J)	
9/10/2019					<0.01				
3/3/2020	<0.01								
3/4/2020		<0.01	<0.01	0.0023 (J)				0.00096 (J)	
3/5/2020					<0.01		<0.01		<0.01
3/6/2020						<0.01			
9/4/2020	<0.01	<0.01	<0.01						<0.01
9/8/2020									
9/9/2020				<0.01	<0.01	<0.01	<0.01	<0.01	
2/25/2021	<0.01	<0.01	<0.01						
2/26/2021						<0.01	<0.01	<0.01	
3/9/2021				0.003 (J)					<0.01
3/10/2021					<0.01				
7/28/2021	<0.01	<0.01	<0.01						
7/29/2021						<0.01	<0.01		
7/30/2021				0.0022 (J)	<0.01				
8/2/2021									<0.01
8/5/2021								<0.01	
1/26/2022	<0.01		<0.01						
1/27/2022		<0.01					<0.01	<0.01	<0.01
1/28/2022				<0.01	<0.01	<0.01			
8/5/2022			<0.01						
8/8/2022	<0.01	<0.01							
8/9/2022								<0.01	<0.01
8/10/2022						<0.01	<0.01		
8/11/2022				<0.01	<0.01				
2/9/2023						<0.01	<0.01	<0.01	
2/10/2023				0.003 (J)	<0.01				<0.01
8/3/2023					<0.01	<0.01			<0.01
8/4/2023				<0.01			<0.01	<0.01	
2/14/2024						<0.01	<0.01	0.00078 (J)	
2/15/2024				0.0023 (J)	<0.01				<0.01
7/31/2024				<0.01	<0.01	<0.01	0.00087 (J)	0.001 (J)	
8/1/2024									<0.01
8/2/2024									
2/19/2025							<0.01		
2/20/2025						<0.01		<0.01	<0.01
2/25/2025				<0.01	<0.01				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/16/2014	
9/17/2014	
9/18/2014	<0.01
10/4/2014	
10/5/2014	<0.01
10/21/2014	
10/22/2014	<0.01
11/5/2014	<0.01
11/11/2014	
3/3/2015	
3/4/2015	<0.01
3/18/2015	
3/19/2015	<0.01
4/6/2015	
4/7/2015	
4/8/2015	<0.01
4/23/2015	
4/24/2015	<0.01
5/9/2015	
5/18/2015	
5/19/2015	
5/26/2015	
6/9/2015	
6/17/2015	
6/25/2015	
7/1/2015	
7/7/2015	
7/29/2015	
7/30/2015	<0.01
8/12/2015	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	<0.01
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	<0.01
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	<0.01
3/22/2017	
3/23/2017	
9/15/2017	
9/18/2017	
9/19/2017	<0.01
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
3/12/2018	
3/13/2018	
3/14/2018	<0.01
9/7/2018	
9/10/2018	<0.01
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	<0.01
3/12/2019	
9/4/2019	
9/5/2019	
9/6/2019	0.0012 (J)
9/9/2019	
9/10/2019	
3/3/2020	0.00085 (J)
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	<0.01
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	<0.01
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	<0.01
8/5/2021	
1/26/2022	
1/27/2022	
1/28/2022	<0.01
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	<0.01
8/11/2022	
2/9/2023	<0.01
2/10/2023	
8/3/2023	
8/4/2023	<0.01
2/14/2024	
2/15/2024	0.00098 (J)
7/31/2024	
8/1/2024	
8/2/2024	<0.01
2/19/2025	
2/20/2025	
2/25/2025	<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/15/2014						0.0073		
9/16/2014			0.0012 (J)	<0.01			<0.01	0.00085 (J)
9/18/2014	<0.01	<0.01						
10/3/2014						<0.01	<0.01	0.00096 (J)
10/4/2014			<0.01	<0.01				
10/5/2014	<0.01	<0.01						
10/20/2014						0.0045 (J)	<0.01	<0.01
10/22/2014	<0.01	0.00083 (J)						
10/23/2014			<0.01	<0.01				
11/5/2014	<0.01	0.0014 (J)						
11/10/2014			<0.01	<0.01		<0.01	<0.01	0.00095 (J)
3/2/2015						<0.01	<0.01	0.0041 (J)
3/4/2015	<0.01	<0.01	<0.01	<0.01				
3/17/2015						<0.01	<0.01	0.0018 (J)
3/19/2015	<0.01							
3/20/2015		<0.01	<0.01	<0.01				
4/5/2015						0.0014 (J)	<0.01	
4/6/2015								<0.01
4/8/2015	<0.01	0.0017 (J)	0.0012 (J)					
4/9/2015				<0.01				
4/21/2015						0.0029 (J)		
4/22/2015							<0.01	<0.01
4/23/2015		<0.01	<0.01	<0.01				
4/24/2015	<0.01							
7/28/2015						0.0031 (J)	<0.01	<0.01
7/30/2015	<0.01	<0.01	<0.01	<0.01				
3/1/2016						<0.01	<0.01	
3/2/2016								<0.01
3/4/2016			<0.01					
3/7/2016	<0.01							
3/8/2016				<0.01				
3/9/2016		<0.01						
7/6/2016						<0.01		
7/7/2016								<0.01
7/8/2016							0.0028 (J)	
7/12/2016			0.002 (J)					
7/14/2016	<0.01							
7/15/2016		<0.01						
7/18/2016				<0.01				
3/14/2017						<0.01	<0.01	
3/16/2017				<0.01				
3/20/2017	<0.01		<0.01					
3/22/2017		<0.01						
3/23/2017								<0.01
9/15/2017						<0.01	<0.01	
9/19/2017	<0.01		0.0012 (J)	<0.01				<0.01
9/21/2017		<0.01						
3/12/2018						<0.01	<0.01	
3/13/2018	<0.01		<0.01	<0.01				<0.01
3/14/2018		<0.01						
9/6/2018						<0.01	<0.01	<0.01
9/7/2018	<0.01							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/11/2018		<0.01	<0.01	<0.01				
3/6/2019							<0.01	
3/7/2019						<0.01		<0.01
3/8/2019			<0.01	<0.01				
3/11/2019	<0.01							
3/12/2019		<0.01						
9/4/2019						<0.01	0.00073 (J)	0.00538 (JD)
9/5/2019	0.00094 (J)		0.0012 (JD)	<0.01				
9/6/2019		0.0011 (J)						
3/2/2020						<0.01	0.00074 (J)	0.0014 (J)
3/3/2020	<0.01		0.0011 (J)	<0.01				
3/5/2020		0.00071 (J)						
9/3/2020							<0.01	<0.01
9/4/2020				<0.01				
9/8/2020	<0.01							
9/9/2020		<0.01	<0.01					
9/14/2020						<0.01		
2/24/2021							<0.01	<0.01
3/9/2021	<0.01		<0.01	<0.01				
3/10/2021		<0.01						
3/26/2021						<0.01		
7/27/2021						<0.01		
7/28/2021							<0.01	<0.01
7/29/2021			<0.01					
7/30/2021		<0.01						
8/2/2021	<0.01			<0.01				
1/25/2022								<0.01
1/26/2022						<0.01	<0.01	
1/27/2022	<0.01			<0.01				
1/28/2022		<0.01	<0.01					
4/6/2022					<0.01			
8/5/2022								<0.01
8/8/2022					<0.01	<0.01	<0.01	
8/9/2022			<0.01	<0.01				
8/10/2022	<0.01							
8/11/2022		<0.01						
2/8/2023					<0.01	<0.01	<0.01	<0.01
2/9/2023	<0.01		<0.01	<0.01				
2/10/2023		<0.01						
8/2/2023					<0.01		<0.01	<0.01
8/3/2023	<0.01	<0.01	<0.01	<0.01		<0.01		
2/13/2024					<0.01	<0.01	<0.01	<0.01
2/15/2024	<0.01		<0.01					
2/16/2024		0.00081 (J)		0.00081 (J)				
7/30/2024					<0.01	<0.01	0.00083 (J)	0.0015 (J)
7/31/2024	0.00089 (J)	0.0014 (J)	0.0016 (J)	0.00088 (J)				
2/19/2025					<0.01	<0.01	<0.01	<0.01
2/20/2025	<0.01							
2/24/2025			<0.01					
2/25/2025		<0.01		<0.01				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
8/23/2007	0.032 (O)	0.0033	0.0079			0.066			
10/23/2007	0.0099								
10/24/2007		0.043 (O)	<0.02						
11/2/2007						0.055			
11/18/2007	0.0095 (J)	0.024	0.015			0.13			
1/30/2008	0.022 (O)								
1/31/2008		0.015	0.063 (O)			0.13			
3/10/2008	0.014		0.013 (J)						
3/11/2008		0.027				0.07			
5/6/2008		0.0032							
5/13/2008	0.0075		0.0072						
5/14/2008						0.12			
12/4/2008		0.081 (O)	0.011 (J)						
12/5/2008	0.0056 (J)					0.088			
4/15/2009	0.0033					0.068			
4/21/2009		0.0057	0.0041						
10/7/2009	0.061 (O)	<0.02							
10/8/2009			<0.02			0.075			
4/21/2010			<0.02						
4/26/2010		<0.02							
4/28/2010						0.071			
5/3/2010	0.0033								
9/28/2010			0.0081						
10/4/2010		0.0057							
10/6/2010						0.074			
10/12/2010	0.0041								
4/12/2011			0.0025						
4/13/2011		<0.02							
4/21/2011						0.047			
4/27/2011	<0.02								
10/4/2011			0.0027						
10/5/2011		<0.02							
10/13/2011						0.073			
10/17/2011	0.0046								
4/3/2012			<0.02						
4/11/2012		<0.02							
5/1/2012						0.0652			
5/2/2012	<0.02								
10/8/2012	0.0053								
10/9/2012		<0.02	0.0064			0.061			
4/11/2013			<0.02			0.053			
4/12/2013	0.006								
4/15/2013		0.0038							
10/15/2013		0.0044							
10/16/2013	0.0048		<0.02			0.047			
4/10/2014			0.0026						
4/11/2014	0.0033								
4/22/2014		0.0025 (J)							
4/23/2014						0.041			
9/30/2014	0.002 (J)	0.00076 (J)	0.0012 (J)						
10/4/2014						0.044 (V)			
3/30/2015	0.012	0.0024 (J)	0.013						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/31/2015						0.12			
10/12/2015						0.053			
10/13/2015	0.011	0.0017 (J)	0.0043						
3/11/2016									
3/14/2016					<0.02				
3/15/2016							<0.02	<0.02	0.00286 (J)
3/22/2016	0.00346 (J)								
3/23/2016		<0.02	<0.02			0.0532			
5/11/2016					0.00467 (J)		<0.02		
5/12/2016								<0.02	
5/13/2016									<0.02
5/16/2016				<0.02 (D)					
7/19/2016					<0.02 (*)				
7/20/2016								<0.02	
7/21/2016							<0.02 (*)		<0.02 (*)
7/22/2016									
7/27/2016				<0.02 (*)					
7/29/2016	<0.02	<0.02	<0.02			0.0446			
9/15/2016					0.0044 (J)		<0.02	0.0027 (J)	
9/19/2016									
9/21/2016									<0.02
11/2/2016					0.0043 (J)				
11/3/2016							<0.02	<0.02	<0.02
1/17/2017							<0.02		<0.02
1/18/2017					<0.02 (*)			<0.02 (*)	
2/21/2017				0.0049 (J)					
3/24/2017							<0.02 (*)	<0.02 (*)	
3/27/2017				<0.02 (*)					<0.02 (*)
3/28/2017					<0.02 (*)				
3/30/2017	<0.02	<0.02				0.0479			
4/3/2017			<0.02						
9/25/2017								<0.02	0.0023 (J)
9/26/2017					0.0029 (J)		0.0019 (J)		
9/29/2017				0.0012 (JD)					
10/2/2017	<0.02	<0.02	<0.02						
10/4/2017						0.0429			
3/14/2018					<0.02		<0.02	<0.02	<0.02
3/16/2018	<0.02		<0.02	0.0042 (J)					
3/19/2018		<0.02				<0.04			
9/12/2018					<0.02		<0.02	<0.02	<0.02
9/14/2018		<0.02	<0.02	<0.02					
9/17/2018	<0.02 (D)					0.04			
3/13/2019							<0.02		
3/14/2019				0.0035 (J)				<0.02	0.0021 (J)
3/15/2019					0.0023 (J)				
3/19/2019			<0.02						
3/20/2019	<0.02	<0.02				0.028			
9/9/2019					0.0047 (J)		0.0058 (J)		
9/10/2019								0.00745 (JD)	0.0075 (J)
9/12/2019	0.0047 (J)	0.00505 (JD)							
9/13/2019			0.0078 (J)			0.036			
3/6/2020								0.0027 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-39RZ (bg)	GWA-39Z (bg)	GWA-3A (bg)	GWA-40 (bg)	GWA-41 (bg)	GWA-41R (bg)
3/9/2020				0.009 (J)	0.0035 (J)		0.002 (J)		0.0024 (J)
3/11/2020	0.0035 (J)	0.0028 (J)	0.0038 (J)			0.031			
9/10/2020					<0.02			<0.02	<0.02
9/11/2020							<0.02		
9/15/2020	<0.02	<0.02	<0.02						
9/16/2020				<0.02					
3/10/2021							<0.02		<0.02
3/11/2021								<0.02	
3/12/2021					0.0065 (J)				
3/16/2021	0.0091 (J)		<0.02	<0.02					
3/17/2021		<0.02							
3/29/2021						<0.02			
8/4/2021					<0.02		<0.02	<0.02	<0.02
8/6/2021				<0.02					
8/9/2021	<0.02	<0.02	<0.02			<0.02			
1/31/2022					<0.02		<0.02	<0.02	<0.02
2/1/2022	<0.02	<0.02	<0.02						
2/2/2022				<0.02		<0.02			
8/10/2022					<0.02				
8/11/2022								<0.02	<0.02
8/12/2022							<0.02		
8/16/2022	<0.02	<0.02	<0.02	<0.02		<0.02			
2/13/2023					<0.02		<0.02	<0.02	<0.02
2/14/2023				<0.02					
2/16/2023	<0.02	<0.02	<0.02						
2/17/2023						<0.02			
7/25/2023				<0.02				<0.02	<0.02
7/26/2023					<0.02		<0.02		
7/27/2023	<0.02	0.011 (J)	<0.02						
8/1/2023						<0.02			
2/19/2024				<0.02	<0.02		<0.02	<0.02	<0.02
2/20/2024									
2/22/2024	<0.02	<0.02				<0.02			
2/26/2024			0.055						
8/1/2024				<0.02	<0.02		<0.02	<0.02	<0.02
8/6/2024			<0.02						
8/7/2024	<0.02	<0.02							
8/8/2024						<0.02			
2/25/2025					<0.02		<0.02	<0.02	0.0032 (J)
2/26/2025				<0.02		<0.02			
2/27/2025	<0.02	<0.02	<0.02						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
8/23/2007	
10/23/2007	
10/24/2007	
11/2/2007	
11/18/2007	
1/30/2008	
1/31/2008	
3/10/2008	
3/11/2008	
5/6/2008	
5/13/2008	
5/14/2008	
12/4/2008	
12/5/2008	
4/15/2009	
4/21/2009	
10/7/2009	
10/8/2009	
4/21/2010	
4/26/2010	
4/28/2010	
5/3/2010	
9/28/2010	
10/4/2010	
10/6/2010	
10/12/2010	
4/12/2011	
4/13/2011	
4/21/2011	
4/27/2011	
10/4/2011	
10/5/2011	
10/13/2011	
10/17/2011	
4/3/2012	
4/11/2012	
5/1/2012	
5/2/2012	
10/8/2012	
10/9/2012	
4/11/2013	
4/12/2013	
4/15/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/11/2014	
4/22/2014	
4/23/2014	
9/30/2014	
10/4/2014	
3/30/2015	

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/31/2015	
10/12/2015	
10/13/2015	
3/11/2016	0.00862 (J)
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	0.00744 (J)
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	<0.02 (*)
7/27/2016	
7/29/2016	
9/15/2016	
9/19/2016	0.0162
9/21/2016	
11/2/2016	
11/3/2016	0.011
1/17/2017	0.0104
1/18/2017	
2/21/2017	
3/24/2017	
3/27/2017	<0.02 (*)
3/28/2017	
3/30/2017	
4/3/2017	
9/25/2017	
9/26/2017	0.0094 (J)
9/29/2017	
10/2/2017	
10/4/2017	
3/14/2018	<0.02
3/16/2018	
3/19/2018	
9/12/2018	
9/14/2018	<0.02
9/17/2018	
3/13/2019	
3/14/2019	0.01
3/15/2019	
3/19/2019	
3/20/2019	
9/9/2019	
9/10/2019	0.014
9/12/2019	
9/13/2019	
3/6/2020	0.012

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42 (bg)
3/9/2020	
3/11/2020	
9/10/2020	0.0073 (J)
9/11/2020	
9/15/2020	
9/16/2020	
3/10/2021	
3/11/2021	0.0089 (J)
3/12/2021	
3/16/2021	
3/17/2021	
3/29/2021	
8/4/2021	<0.02
8/6/2021	
8/9/2021	
1/31/2022	<0.02
2/1/2022	
2/2/2022	
8/10/2022	0.0089 (J)
8/11/2022	
8/12/2022	
8/16/2022	
2/13/2023	0.011 (J)
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/26/2023	<0.02
7/27/2023	
8/1/2023	
2/19/2024	
2/20/2024	0.0095 (J)
2/22/2024	
2/26/2024	
8/1/2024	0.01 (J)
8/6/2024	
8/7/2024	
8/8/2024	
2/25/2025	0.01 (J)
2/26/2025	
2/27/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
12/12/2008				0.048 (O)	0.013 (J)				
4/23/2009				0.0075	0.075 (O)				
10/6/2009				0.0075	0.056 (O)				
4/27/2010				0.0051					
5/3/2010					0.051 (O)				
9/30/2010				0.0089					
10/11/2010					0.016				
4/14/2011				0.0043					
4/27/2011					0.025 (O)				
10/5/2011				0.0051					
10/19/2011					0.0078				
4/11/2012				<0.02					
5/1/2012					0.0134				
10/2/2012				0.006	0.012				
4/9/2013				0.0034					
4/10/2013					0.018				
10/15/2013				0.0042					
10/16/2013					0.015				
4/10/2014				0.0035					
4/22/2014					0.015				
10/1/2014				0.0019 (J)	0.0038				
3/30/2015				0.0032	0.0097				
5/8/2015						0.015	<0.02		0.0022 (J)
5/9/2015								0.0023 (J)	
5/17/2015						0.12 (O)	0.0017 (J)		<0.02
5/18/2015								0.0034	
5/25/2015						0.023	0.003	<0.02	0.0022 (J)
6/8/2015						0.016	0.0025	0.0015 (J)	0.0015 (J)
6/9/2015									
6/17/2015								<0.02	
6/18/2015						0.016	0.0019 (J)		0.0026
6/24/2015						0.022	0.0028	<0.02	0.0015 (J)
6/25/2015									
6/30/2015						0.017	<0.02	<0.02	0.0015 (J)
7/1/2015									
7/6/2015						0.01	<0.02	<0.02	<0.02
7/7/2015									
8/12/2015						0.0047 (BJ)	0.0033 (BJ)	0.004 (BJ)	0.0031 (BJ)
10/11/2015				0.0048	0.0024 (J)				
2/29/2016							<0.02		
3/2/2016								0.0035 (J)	0.0028 (J)
3/11/2016	0.0093 (J)	0.00722 (J)							
3/28/2016				0.00282 (J)	0.00703 (J)				
5/13/2016	0.00336 (J)	0.00666 (J)							
7/7/2016						0.0073 (J)			
7/8/2016							<0.02	<0.02	
7/11/2016									<0.02
7/19/2016	<0.02 (*)	<0.02 (*)							
8/1/2016				<0.02	<0.02				
9/16/2016	0.0023 (J)	<0.02							
11/2/2016	0.0047 (J)	0.0057 (J)							
1/18/2017	<0.02	0.0022 (J)							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
3/15/2017						<0.02	0.0013 (J)		
3/16/2017								0.0029 (J)	0.0018 (J)
3/28/2017	<0.02 (*)	<0.02							
4/3/2017					<0.02				
4/7/2017			<0.02	<0.02					
9/15/2017							<0.02		
9/19/2017						<0.02		0.0018 (J)	<0.02
9/22/2017	0.0013 (J)	0.0014 (J)							
10/2/2017				0.0015 (J)	0.0016 (J)				
10/3/2017			<0.02 (D)						
3/13/2018						<0.02	<0.02	0.0021 (J)	<0.02
3/14/2018	<0.02								
3/15/2018		<0.02							
3/16/2018				<0.02	<0.02				
3/21/2018			<0.02						
9/6/2018							<0.02		
9/7/2018						<0.02			
9/11/2018								<0.02	<0.02
9/12/2018	<0.02	<0.02							
9/17/2018				<0.02					
9/18/2018			<0.02		<0.02				
3/7/2019							<0.02		
3/8/2019						<0.02		<0.02	
3/12/2019									<0.02
3/13/2019	0.0022 (J)	0.0023 (J)							
3/19/2019				<0.02	<0.02				
3/21/2019			0.0034 (JD)						
9/4/2019						0.0051 (J)	0.0045 (J)		
9/5/2019								0.0064 (J)	0.0098 (J)
9/11/2019	0.0065 (J)	0.0053 (J)							
9/12/2019			0.0072 (JD)		0.0058 (J)				
9/13/2019				0.0061 (J)					
3/2/2020							0.0024 (J)		
3/3/2020						0.0035 (J)			
3/4/2020								0.004 (J)	0.0027 (J)
3/9/2020	0.002 (J)	0.0022 (J)							
3/11/2020				0.0025 (J)	0.0033 (J)				
3/12/2020			0.0027 (J)						
9/3/2020							<0.02		
9/8/2020								<0.02	<0.02
9/9/2020						<0.02			
9/11/2020	<0.02								
9/14/2020		<0.02							
9/15/2020					<0.02				
9/16/2020				<0.02					
9/17/2020			0.0047 (J)						
2/24/2021							<0.02		
2/25/2021						<0.02			
2/26/2021								<0.02	<0.02
3/11/2021	<0.02	<0.02							
3/16/2021			<0.02						
3/17/2021				<0.02	<0.02				

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-43R (bg)	GWA-4RZ (bg)	GWA-50 (bg)	GWA-50R (bg)	GWA-51RZ (bg)	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)
7/27/2021							<0.02		
7/28/2021						<0.02			
7/29/2021								0.01 (J)	<0.02
8/5/2021		<0.02							
8/6/2021	<0.02								
8/9/2021				<0.02	<0.02				
8/10/2021			<0.02						
1/25/2022							<0.02		
1/26/2022						<0.02		<0.02	<0.02
1/31/2022	<0.02	<0.02							
2/1/2022				<0.02					
2/2/2022					<0.02				
2/3/2022			<0.02						
8/5/2022							<0.02		
8/8/2022								<0.02	<0.02
8/9/2022						<0.02			
8/10/2022		<0.02							
8/11/2022	<0.02								
8/16/2022				<0.02					
8/17/2022			<0.02		<0.02				
2/13/2023		<0.02							
2/14/2023	<0.02								
2/16/2023				<0.02	<0.02				
2/17/2023			<0.02						
7/25/2023	<0.02	<0.02							
7/28/2023			<0.02	<0.02	<0.02				
2/20/2024	<0.02	<0.02							
2/22/2024				<0.02	<0.02				
2/27/2024			<0.02						
8/2/2024	<0.02	<0.02							
8/8/2024			<0.02	<0.02	<0.02				
2/25/2025	<0.02	<0.02							
2/27/2025				<0.02					
2/28/2025			<0.02		<0.02				

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
12/12/2008	
4/23/2009	
10/6/2009	
4/27/2010	
5/3/2010	
9/30/2010	
10/11/2010	
4/14/2011	
4/27/2011	
10/5/2011	
10/19/2011	
4/11/2012	
5/1/2012	
10/2/2012	
4/9/2013	
4/10/2013	
10/15/2013	
10/16/2013	
4/10/2014	
4/22/2014	
10/1/2014	
3/30/2015	
5/8/2015	
5/9/2015	<0.02
5/17/2015	
5/18/2015	0.0019 (J)
5/25/2015	0.0022 (J)
6/8/2015	
6/9/2015	0.0015 (J)
6/17/2015	0.0035
6/18/2015	
6/24/2015	
6/25/2015	<0.02
6/30/2015	
7/1/2015	<0.02
7/6/2015	
7/7/2015	<0.02
8/12/2015	0.0015 (BJ)
10/11/2015	
2/29/2016	
3/2/2016	<0.02
3/11/2016	
3/28/2016	
5/13/2016	
7/7/2016	
7/8/2016	0.0029 (J)
7/11/2016	
7/19/2016	
8/1/2016	
9/16/2016	
11/2/2016	
1/18/2017	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
3/15/2017	0.0024 (J)
3/16/2017	
3/28/2017	
4/3/2017	
4/7/2017	
9/15/2017	0.0016 (J)
9/19/2017	
9/22/2017	
10/2/2017	
10/3/2017	
3/13/2018	0.0023 (J)
3/14/2018	
3/15/2018	
3/16/2018	
3/21/2018	
9/6/2018	<0.02
9/7/2018	
9/11/2018	
9/12/2018	
9/17/2018	
9/18/2018	
3/7/2019	<0.02
3/8/2019	
3/12/2019	
3/13/2019	
3/19/2019	
3/21/2019	
9/4/2019	
9/5/2019	0.0048 (J)
9/11/2019	
9/12/2019	
9/13/2019	
3/2/2020	
3/3/2020	0.0024 (J)
3/4/2020	
3/9/2020	
3/11/2020	
3/12/2020	
9/3/2020	
9/8/2020	<0.02
9/9/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	
2/24/2021	
2/25/2021	<0.02
2/26/2021	
3/11/2021	
3/16/2021	
3/17/2021	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-54 (bg)
7/27/2021	<0.02
7/28/2021	
7/29/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	
1/25/2022	<0.02
1/26/2022	
1/31/2022	
2/1/2022	
2/2/2022	
2/3/2022	
8/5/2022	<0.02
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/16/2022	
8/17/2022	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	
7/25/2023	
7/28/2023	
2/20/2024	
2/22/2024	
2/27/2024	
8/2/2024	
8/8/2024	
2/25/2025	
2/27/2025	
2/28/2025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
9/16/2014				0.072					
9/17/2014					0.0028	0.0035	0.002 (J)	0.0026	
9/18/2014									0.0023 (J)
10/4/2014				0.078	0.0038	0.0032	0.001 (J)	0.0034	
10/5/2014									0.0025
10/21/2014				0.083	0.0043	0.0028	0.00082 (J)	0.0037	
10/22/2014									0.0018 (J)
11/5/2014						0.004		0.0035	0.0019 (J)
11/11/2014				0.082	0.0041		0.00076 (J)		
3/3/2015				0.078	0.0042	0.004	<0.02	0.0036	
3/4/2015									0.0016 (J)
3/18/2015				0.075	0.0046	0.0024 (J)	0.0016 (J)		
3/19/2015								0.0035	0.0025
4/6/2015				0.071	0.0043				
4/7/2015						0.0055	<0.02	0.0039	0.0026
4/8/2015									
4/23/2015				0.072	0.0047	0.0035	<0.02		
4/24/2015								0.0034	0.0017 (J)
5/9/2015	<0.02	<0.02	<0.02						
5/18/2015	0.0016 (J)	0.0033							
5/19/2015			0.0045						
5/26/2015	<0.02	0.0022 (J)	0.0038						
6/9/2015	0.0026	0.0082	0.0037						
6/17/2015	0.0017 (J)	<0.02	0.0018 (J)						
6/25/2015	<0.02	<0.02	<0.02						
7/1/2015	<0.02	0.0064	<0.02						
7/7/2015	<0.02	<0.02	<0.02						
7/29/2015				0.072	0.0039	0.0062	<0.02	0.0038	
7/30/2015									0.0017 (J)
8/13/2015	0.002 (BJ)	0.0028 (BJ)	0.0017 (BJ)						
3/2/2016	<0.02								
3/3/2016		<0.02	<0.02	0.0227					
3/4/2016					0.0219 (J)				
3/7/2016						0.0225 (J)	<0.02	<0.02	
3/8/2016									0.557 (O)
7/11/2016	<0.02	<0.02	0.0018 (J)						
7/13/2016				0.0709		0.0031 (J)	0.0013 (J)		
7/14/2016					0.0111			<0.02	<0.02
7/15/2016									
3/15/2017			0.0034 (J)						
3/16/2017	0.0015 (J)	0.0054 (J)							
3/20/2017				0.0465			<0.02		
3/21/2017					<0.02			<0.02	
3/22/2017									<0.02
3/23/2017						<0.02			
9/15/2017	<0.02		<0.02						
9/18/2017		<0.02							
9/19/2017									0.0031 (J)
9/20/2017								0.0062 (J)	
9/21/2017				0.0302			0.0018 (J)		
9/22/2017					0.0023 (J)				
9/25/2017						0.002 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55 (bg)	GWA-55R (bg)	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-20R
3/12/2018	<0.02	<0.02							
3/13/2018			0.0029 (J)						
3/14/2018				0.031	0.0021 (J)	0.0036 (J)	<0.02	<0.02	<0.02
9/7/2018	<0.02	<0.02	<0.02	<0.01			<0.02		
9/10/2018								<0.02	<0.02
9/11/2018					<0.02	<0.02			
3/7/2019		<0.02	<0.02						
3/8/2019	<0.02								
3/11/2019				0.024					
3/12/2019					0.0038 (J)	<0.02	<0.02	<0.02	<0.02
9/4/2019			0.0052 (J)						
9/5/2019	0.0056 (J)	0.0045 (J)							
9/6/2019							0.0046 (J)		0.00455 (JD)
9/9/2019				0.029		0.0063 (J)		0.0062 (J)	
9/10/2019					0.0055 (J)				
3/3/2020	0.005 (J)								
3/4/2020		0.0028 (J)	0.0029 (J)	0.015				0.0072 (J)	
3/5/2020					0.0035 (J)		0.0024 (J)		0.0023 (J)
3/6/2020						0.0045 (J)			
9/4/2020	<0.02	<0.02	<0.02						<0.02
9/8/2020									
9/9/2020				0.037	<0.02	<0.02	<0.02	<0.02	
2/25/2021	<0.02	<0.02	<0.02						
2/26/2021						<0.02	<0.02	<0.02	
3/9/2021				0.025					<0.02
3/10/2021					<0.02				
7/28/2021	<0.02	<0.02	<0.02						
7/29/2021						<0.02	0.015 (J)		
7/30/2021				0.032	<0.02				
8/2/2021									<0.02
8/5/2021								<0.02	
1/26/2022	<0.02		<0.02						
1/27/2022		<0.02					<0.02	<0.02	<0.02
1/28/2022				0.026	<0.02	<0.02			
8/5/2022			<0.02						
8/8/2022	<0.02	<0.02							
8/9/2022								<0.02	<0.02
8/10/2022						<0.02	<0.02		
8/11/2022				0.036 (J)	<0.02				
2/9/2023						<0.02	<0.02	<0.02	
2/10/2023				0.017 (J)	<0.02				<0.02
8/3/2023					<0.02	<0.02			<0.02
8/4/2023				0.036			<0.02	<0.02	
2/14/2024						<0.02	<0.02	<0.02	
2/15/2024				0.033	<0.02				<0.02
7/31/2024				0.034	<0.02	<0.02	<0.02	<0.02	
8/1/2024									<0.02
8/2/2024									
2/19/2025							<0.02		
2/20/2025						<0.02		0.0055 (J)	<0.02
2/25/2025				0.025	<0.02				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
9/16/2014	
9/17/2014	
9/18/2014	0.0033
10/4/2014	
10/5/2014	0.0036
10/21/2014	
10/22/2014	0.0038
11/5/2014	0.0046
11/11/2014	
3/3/2015	
3/4/2015	0.0029
3/18/2015	
3/19/2015	0.0027
4/6/2015	
4/7/2015	
4/8/2015	0.0039
4/23/2015	
4/24/2015	0.0035
5/9/2015	
5/18/2015	
5/19/2015	
5/26/2015	
6/9/2015	
6/17/2015	
6/25/2015	
7/1/2015	
7/7/2015	
7/29/2015	
7/30/2015	0.0027
8/13/2015	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	0.00273 (J)
7/11/2016	
7/13/2016	
7/14/2016	
7/15/2016	<0.02
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	<0.02
3/22/2017	
3/23/2017	
9/15/2017	
9/18/2017	
9/19/2017	0.0022 (J)
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R
3/12/2018	
3/13/2018	
3/14/2018	0.0049 (J)
9/7/2018	
9/10/2018	<0.02
9/11/2018	
3/7/2019	
3/8/2019	
3/11/2019	0.0034 (J)
3/12/2019	
9/4/2019	
9/5/2019	
9/6/2019	0.045
9/9/2019	
9/10/2019	
3/3/2020	0.0044 (J)
3/4/2020	
3/5/2020	
3/6/2020	
9/4/2020	
9/8/2020	0.0063 (J)
9/9/2020	
2/25/2021	
2/26/2021	
3/9/2021	<0.02
3/10/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	<0.02
8/5/2021	
1/26/2022	
1/27/2022	
1/28/2022	<0.02
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	0.016 (J)
8/11/2022	
2/9/2023	0.012 (J)
2/10/2023	
8/3/2023	
8/4/2023	<0.02
2/14/2024	
2/15/2024	<0.02
7/31/2024	
8/1/2024	
8/2/2024	0.0091 (J)
2/19/2025	
2/20/2025	
2/25/2025	0.0035 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/15/2014						0.44 (O)		
9/16/2014			0.00054 (J)	0.004			0.0062	0.0054
9/18/2014	0.00089 (J)	0.0013 (J)						
10/3/2014						0.021	0.0085	0.007
10/4/2014			0.0008 (J)	0.0011 (J)				
10/5/2014	0.0016 (J)	0.00085 (J)						
10/20/2014						0.19	0.0087	0.0052
10/22/2014	0.0017 (J)	0.0014 (J)						
10/23/2014			<0.02	0.0011 (J)				
11/5/2014	0.0038	0.0022 (J)						
11/10/2014			<0.02	0.0028		0.0014 (J)	0.01	0.0054
3/2/2015						0.032	0.0077	0.041 (O)
3/4/2015	0.002 (J)	0.0033	<0.02	<0.02				
3/17/2015						0.034	0.0086	0.014
3/19/2015	0.0025							
3/20/2015		0.002 (J)	<0.02	<0.02				
4/5/2015						0.089	0.0098	
4/6/2015								0.0044
4/8/2015	0.0018 (J)	0.004	0.0016 (J)					
4/9/2015				<0.02				
4/21/2015						0.16		
4/22/2015							0.0049	0.0023 (J)
4/23/2015		0.002 (J)	<0.02	<0.02				
4/24/2015	0.0016 (J)							
7/28/2015						0.15	0.0099	0.0035
7/30/2015	<0.02	<0.02	<0.02	<0.02				
3/1/2016						0.0627	0.00756 (J)	
3/2/2016								0.0029 (J)
3/4/2016			0.00374 (J)					
3/7/2016	<0.02							
3/8/2016				0.00198 (J)				
3/9/2016		<0.02						
7/6/2016						0.0532		
7/7/2016								0.0023 (J)
7/8/2016							0.0098 (J)	
7/12/2016			<0.02					
7/14/2016	<0.02							
7/15/2016		<0.02						
7/18/2016				<0.02				
3/14/2017						0.0401	0.0042 (J)	
3/16/2017				0.0026 (J)				
3/20/2017	0.0075 (J)		<0.02					
3/22/2017		<0.02						
3/23/2017								<0.02
9/15/2017						0.0338	0.0032 (J)	
9/19/2017	<0.02		0.0028 (J)	<0.02				0.002 (J)
9/21/2017		0.0034 (J)						
3/12/2018						0.042	0.0025 (J)	
3/13/2018	<0.02		0.0068 (J)	<0.02				<0.02
3/14/2018		<0.02						
9/6/2018						0.045	<0.02	<0.02
9/7/2018	<0.02							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:04 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-23R	GWC-24R	GWC-25R	GWC-36A	GWC-36RA	GWC-37	GWC-38
9/11/2018		<0.02	<0.02	<0.02				
3/6/2019							0.0035 (J)	
3/7/2019						0.043		<0.02
3/8/2019			<0.02	<0.02				
3/11/2019	0.0021 (J)							
3/12/2019		<0.02						
9/4/2019						0.052	0.0086 (J)	0.00565 (JD)
9/5/2019	0.0053 (J)		0.00675 (JD)	0.0053 (J)				
9/6/2019		0.0059 (J)						
3/2/2020						0.056	0.0063 (J)	0.0032 (J)
3/3/2020	0.0029 (J)		0.0033 (J)	0.0027 (J)				
3/5/2020		0.0084 (J)						
9/3/2020							0.0049 (J)	<0.02
9/4/2020				<0.02				
9/8/2020	0.0037 (J)							
9/9/2020		<0.02	0.0048 (J)					
9/14/2020						0.053		
2/24/2021							0.0038 (J)	<0.02
3/9/2021	<0.02		0.0063 (J)	<0.02				
3/10/2021		<0.02						
3/26/2021						0.046		
7/27/2021						<0.02		
7/28/2021							0.0088 (J)	<0.02
7/29/2021			<0.02					
7/30/2021		<0.02						
8/2/2021	<0.02			<0.02				
1/25/2022								<0.02
1/26/2022						<0.02	<0.02	
1/27/2022	<0.02			<0.02				
1/28/2022		0.0099 (J)	<0.02					
4/6/2022					0.012 (J)			
8/5/2022								<0.02
8/8/2022					0.011 (J)	<0.02	<0.02	
8/9/2022			<0.02	<0.02				
8/10/2022	<0.02							
8/11/2022		<0.02						
2/8/2023					0.017 (J)	0.0086 (J)	<0.02	<0.02
2/9/2023	<0.02		<0.02	<0.02				
2/10/2023		<0.02						
8/2/2023					<0.02		<0.02	<0.02
8/3/2023	<0.02	<0.02	<0.02	<0.02		<0.02		
2/13/2024					0.016 (J)	0.013 (J)	<0.02	<0.02
2/15/2024	<0.02		<0.02					
2/16/2024		<0.02		<0.02				
7/30/2024					0.014 (J)	0.01 (J)	<0.02	<0.02
7/31/2024	<0.02	<0.02	<0.02	<0.02				
2/19/2025					0.017 (J)	0.013 (J)	0.0046 (J)	0.0029 (J)
2/20/2025	<0.02							
2/24/2025			<0.02					
2/25/2025		0.0037 (J)		<0.02				

ND substitution: RL or RL/2 if <15% NDs.

FIGURE B.

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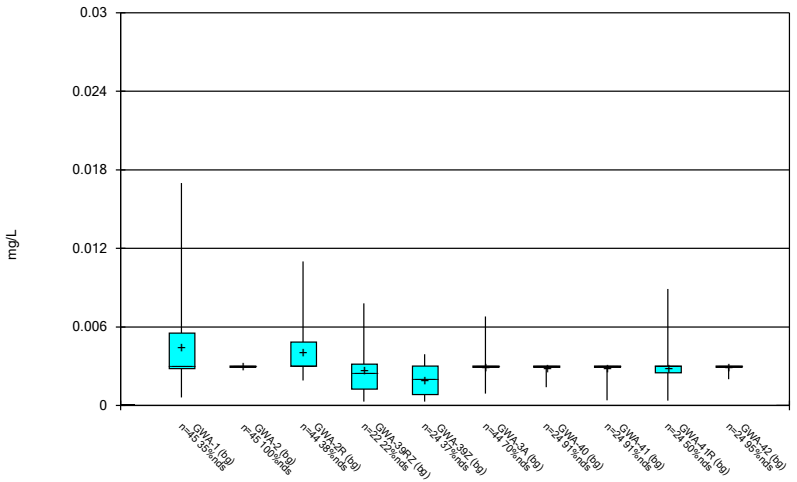
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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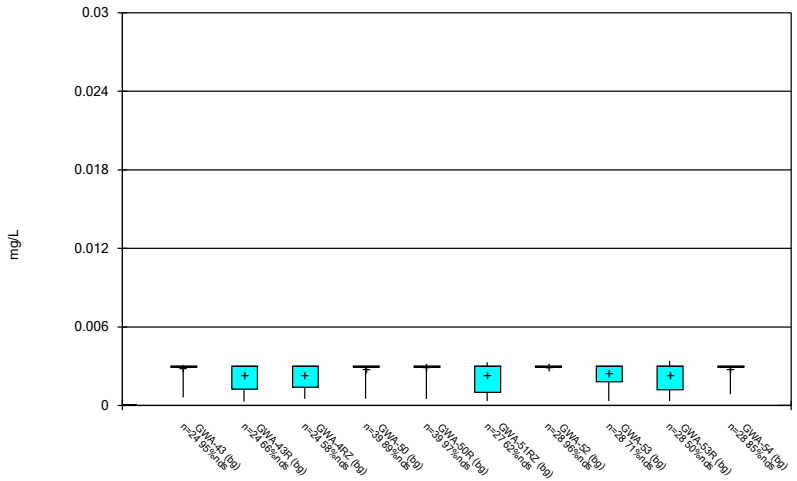
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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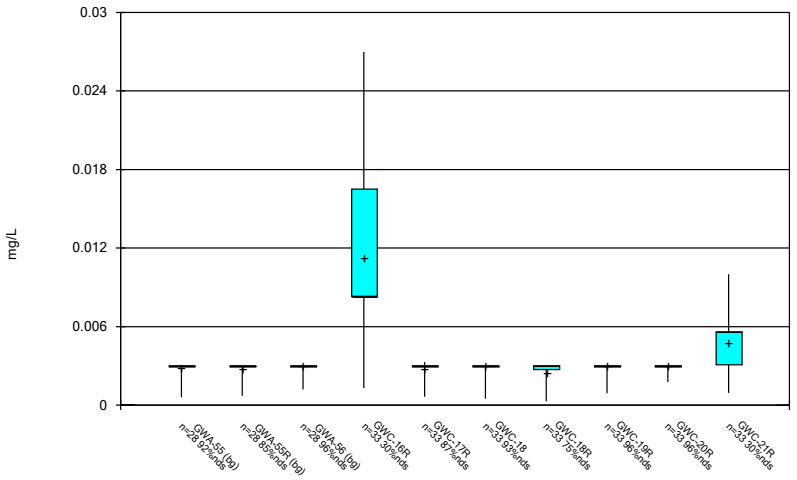
Box & Whiskers Plot

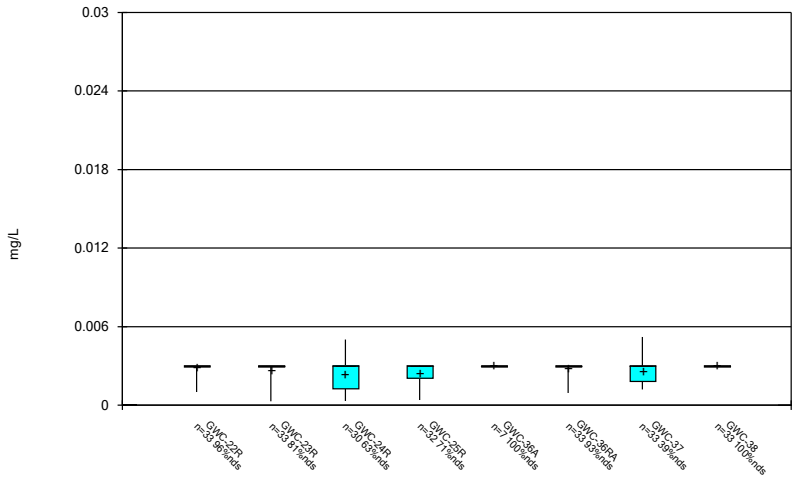


Constituent: Antimony Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



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Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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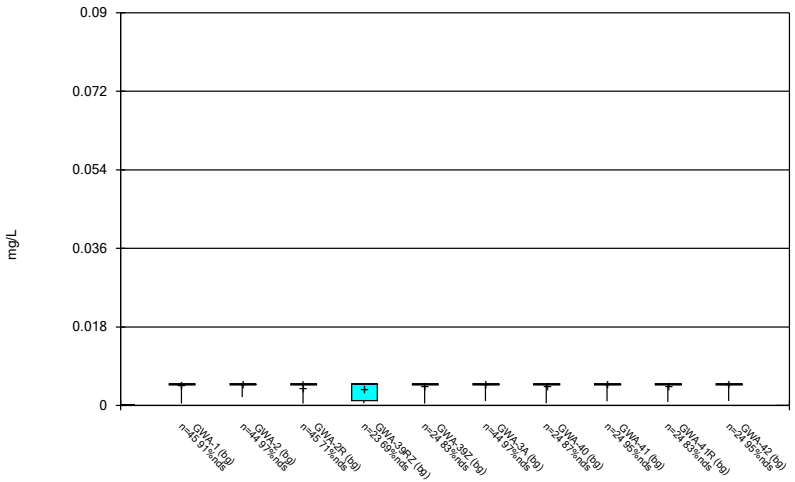
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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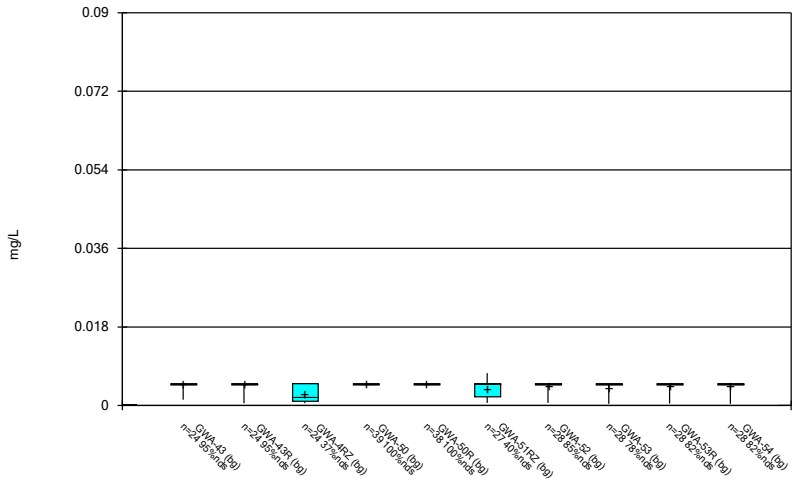
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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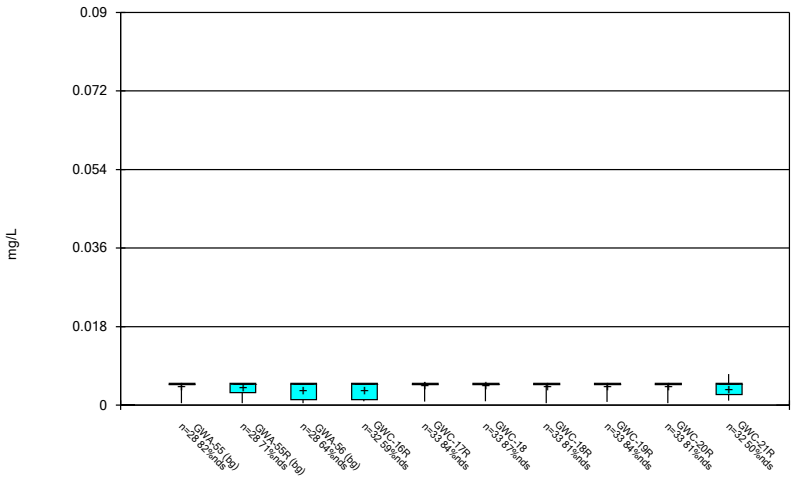
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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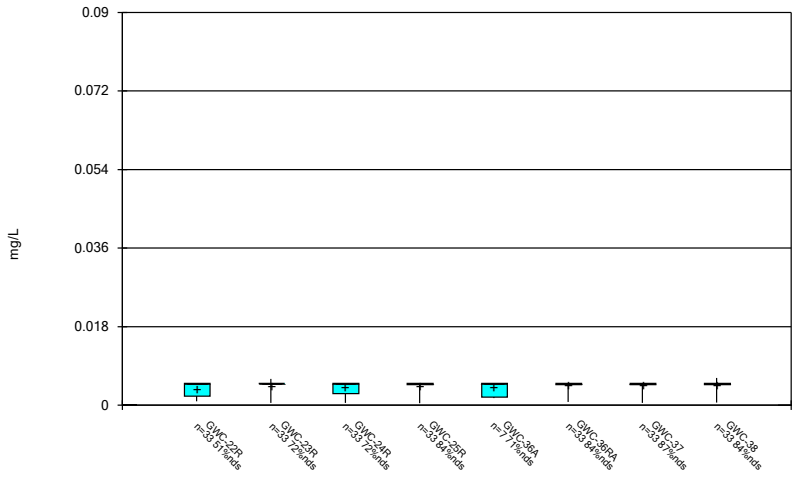
Box & Whiskers Plot



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Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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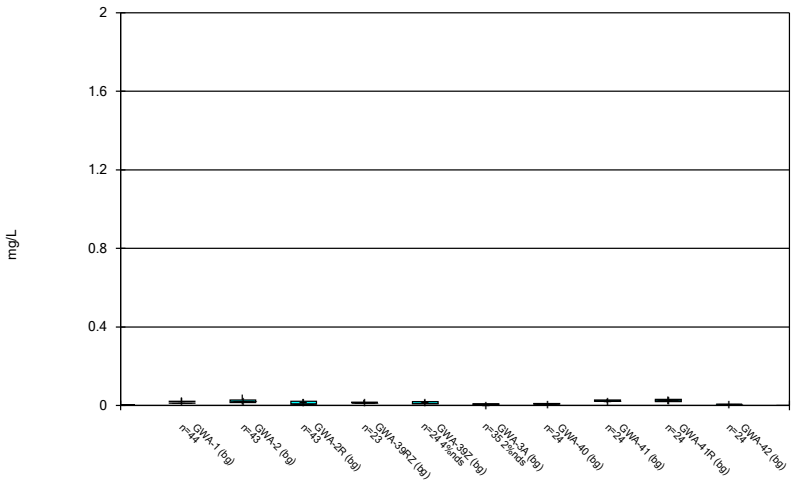
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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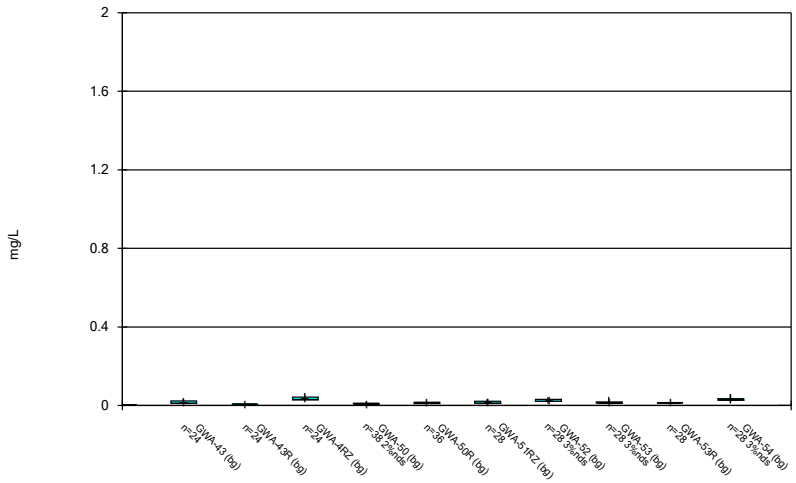
Box & Whiskers Plot



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Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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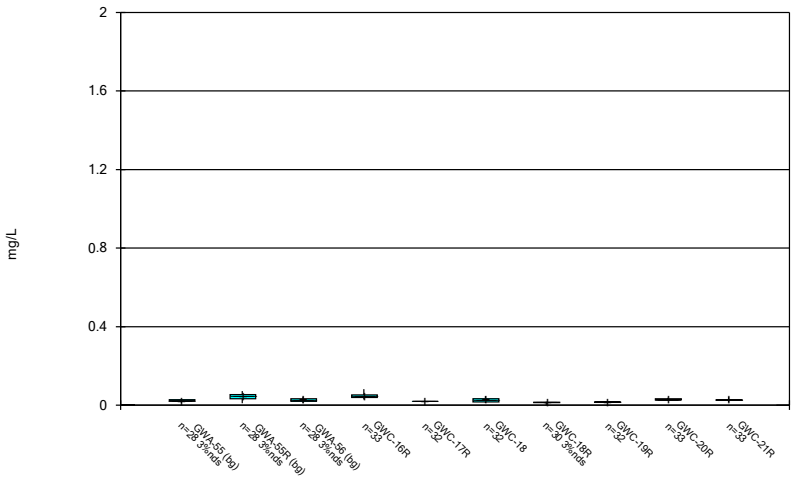
Box & Whiskers Plot



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Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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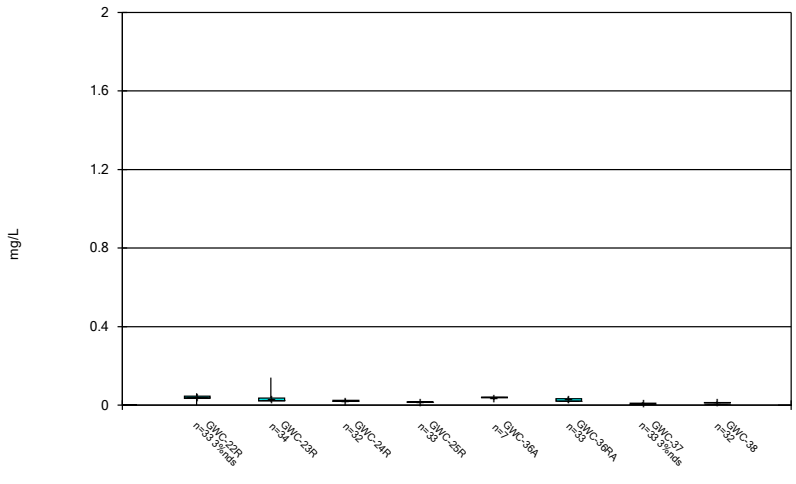
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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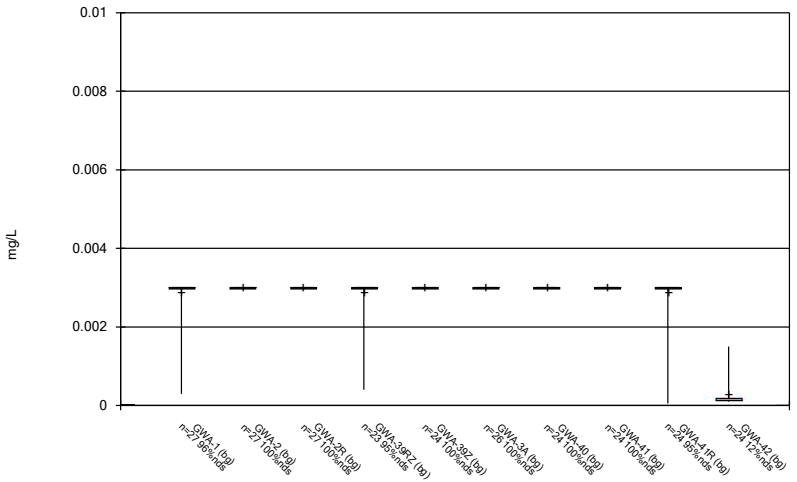
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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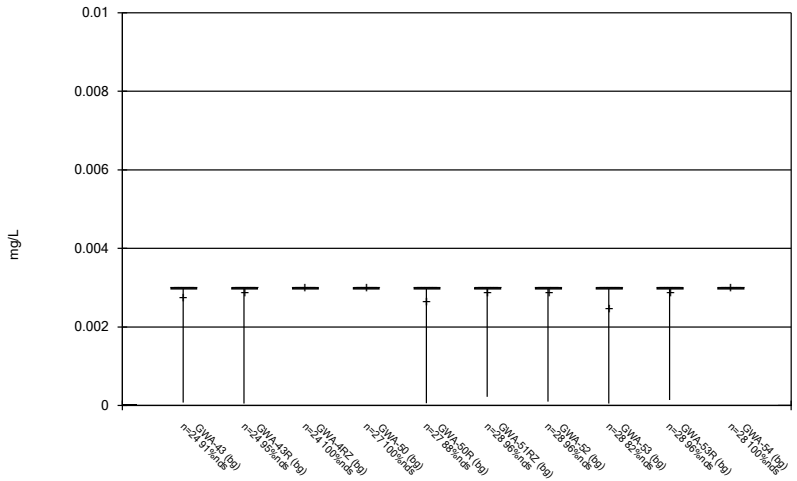
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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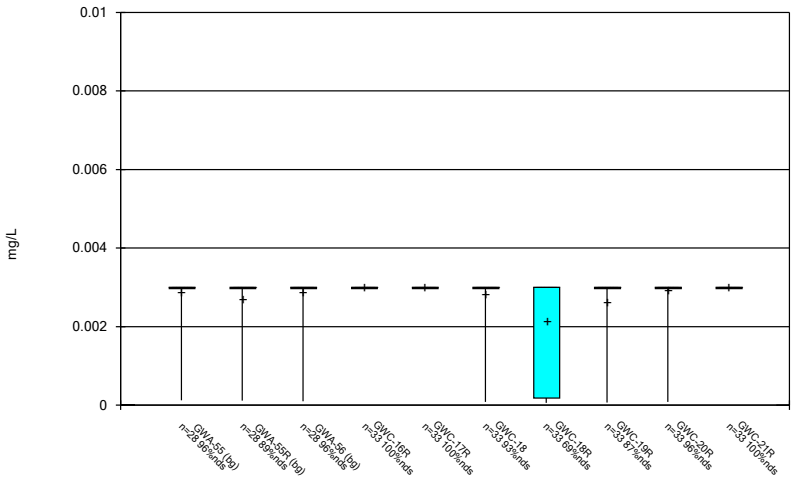
Box & Whiskers Plot



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Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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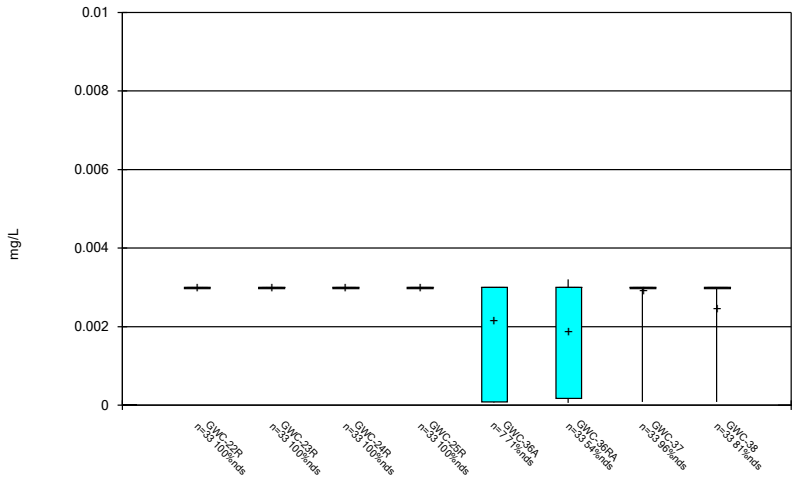
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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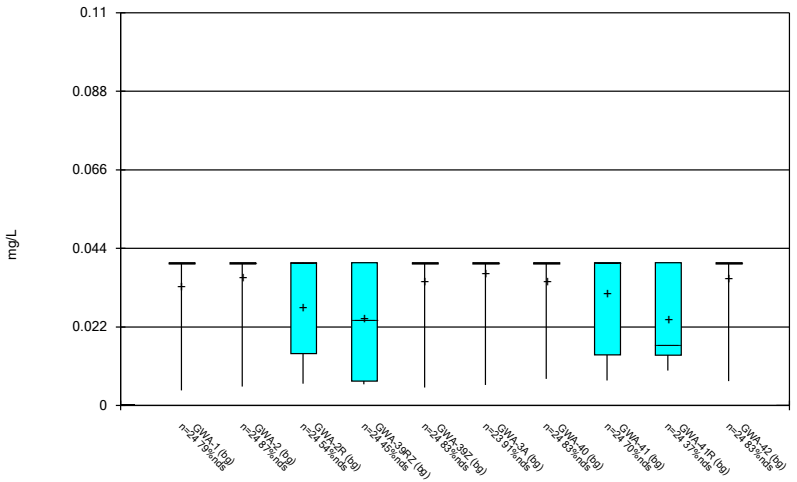
Box & Whiskers Plot



Constituent: Boron Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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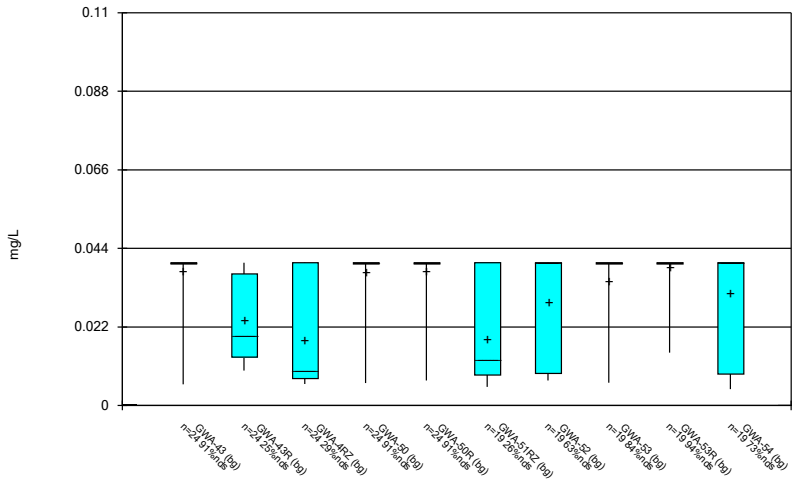
Box & Whiskers Plot



Constituent: Boron Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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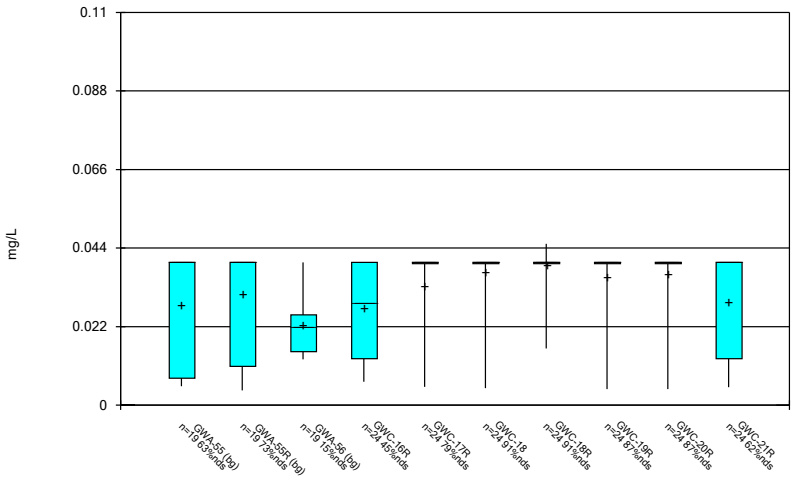
Box & Whiskers Plot



Constituent: Boron Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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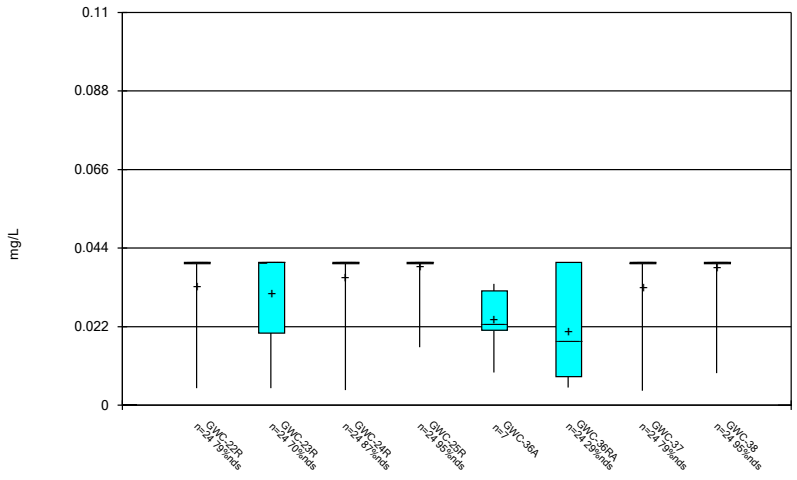
Box & Whiskers Plot



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Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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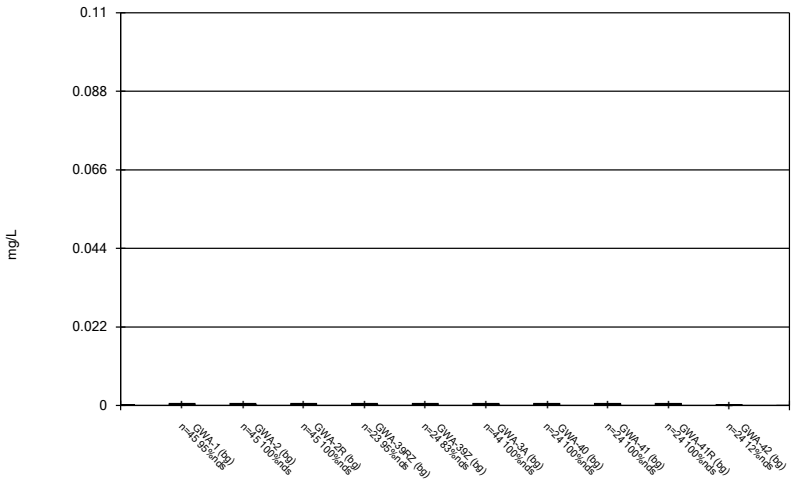
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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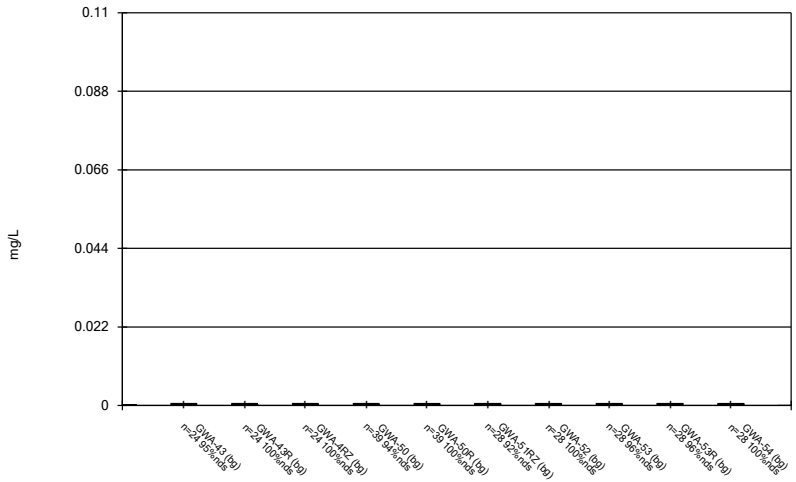
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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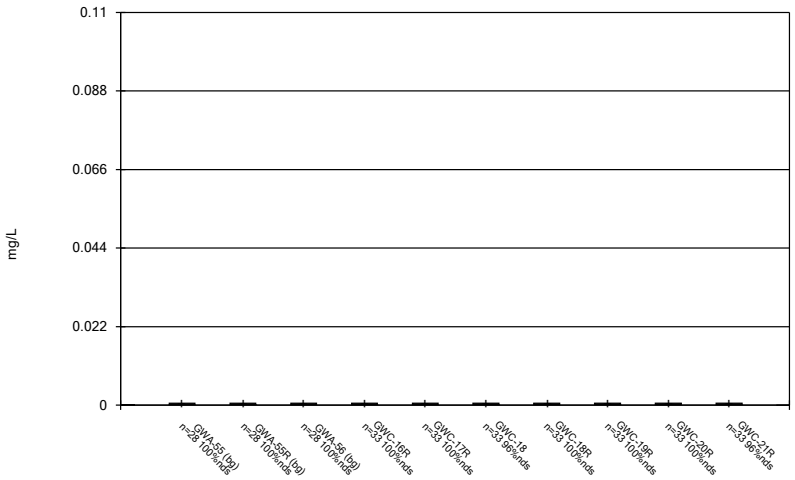
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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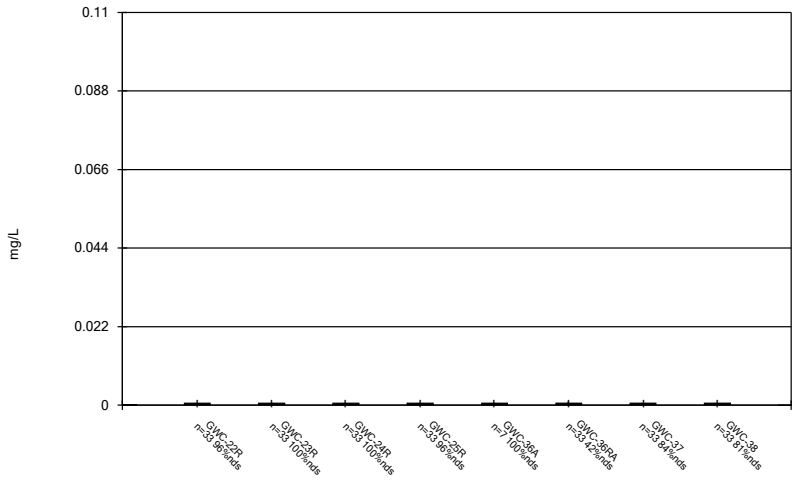
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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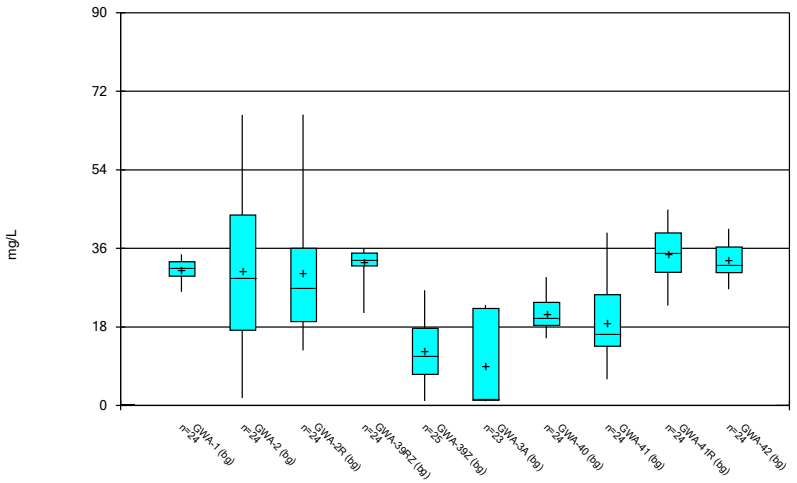
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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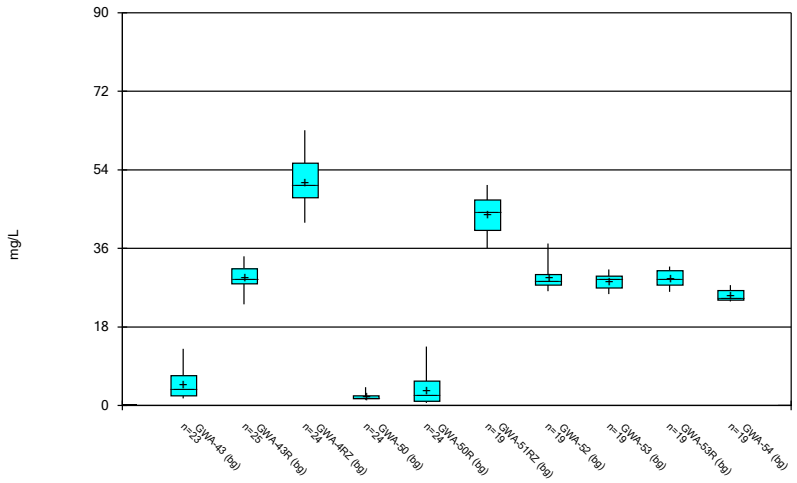
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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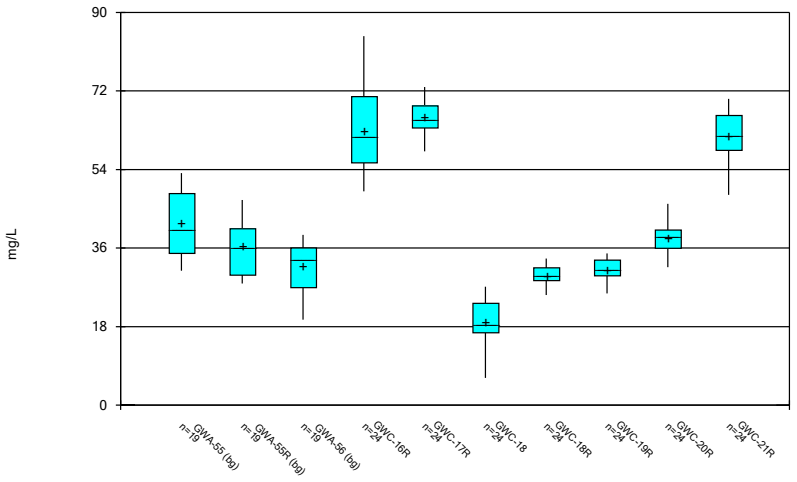
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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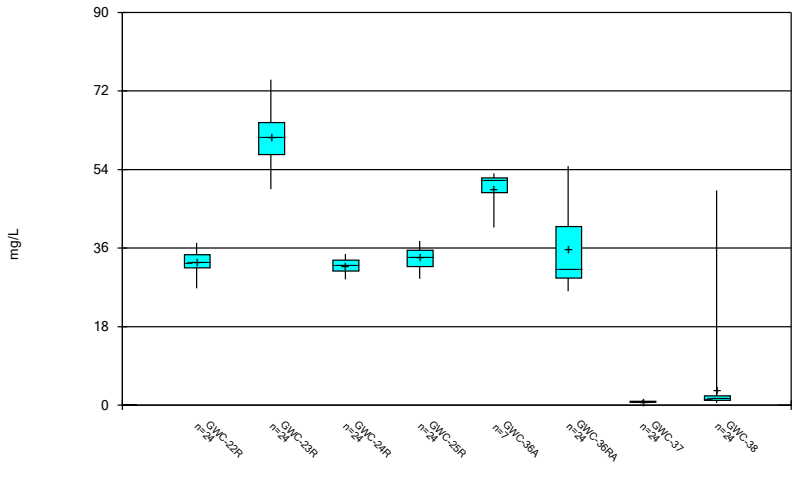
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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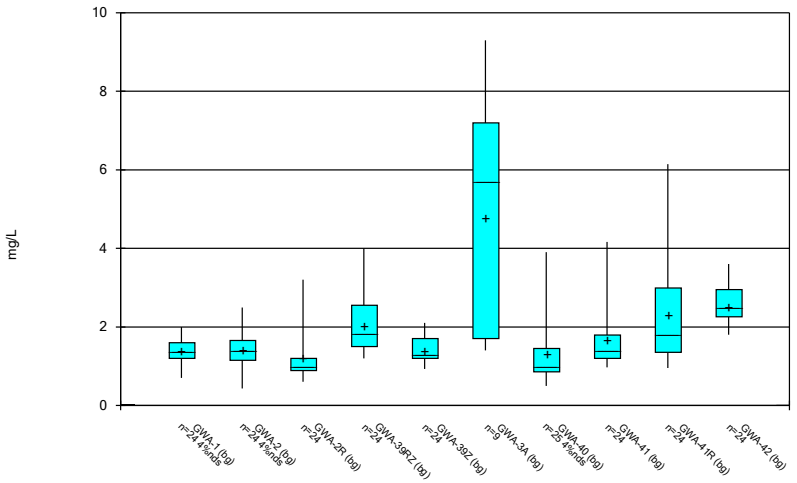
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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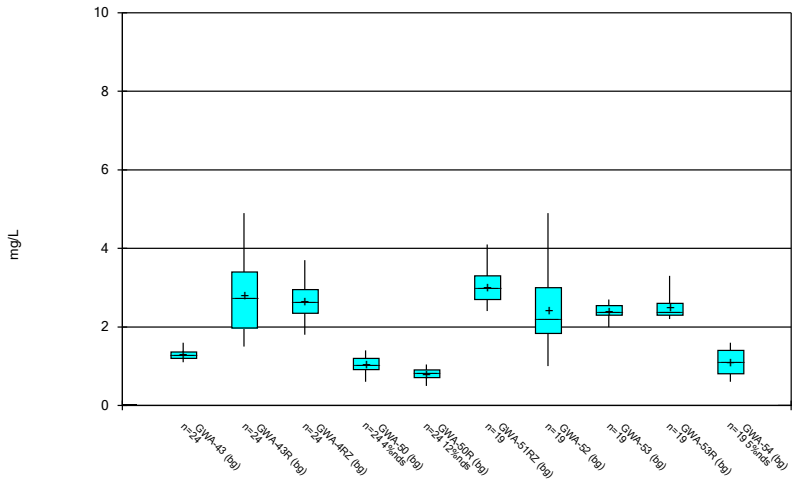
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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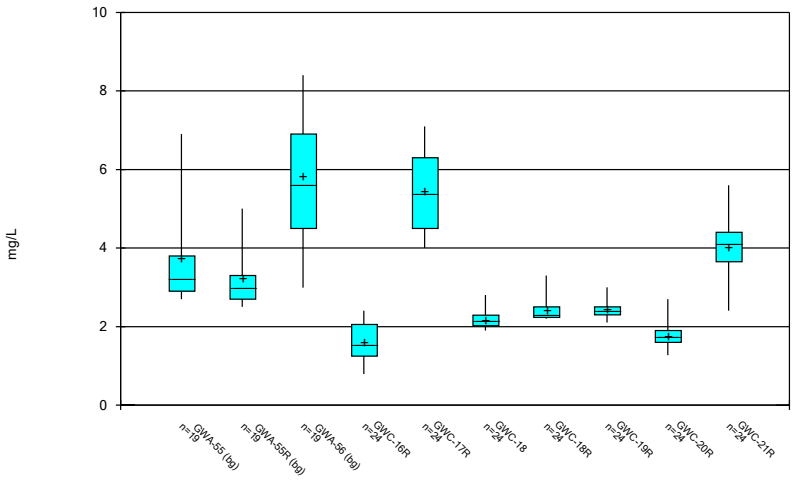
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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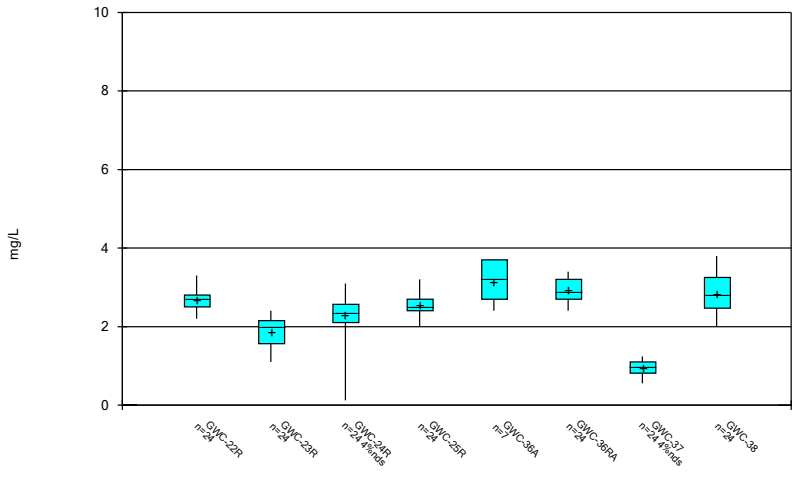
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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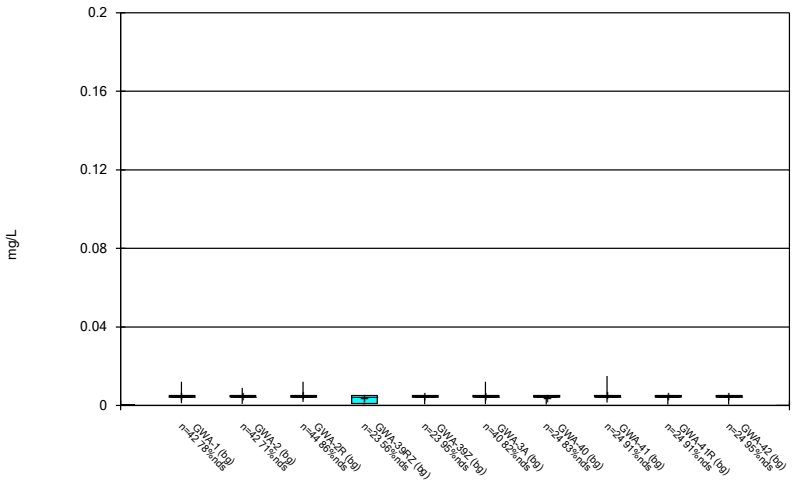
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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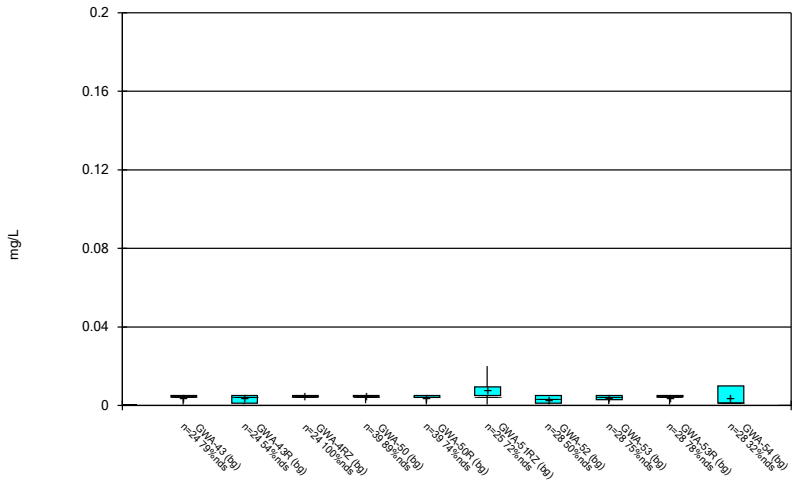
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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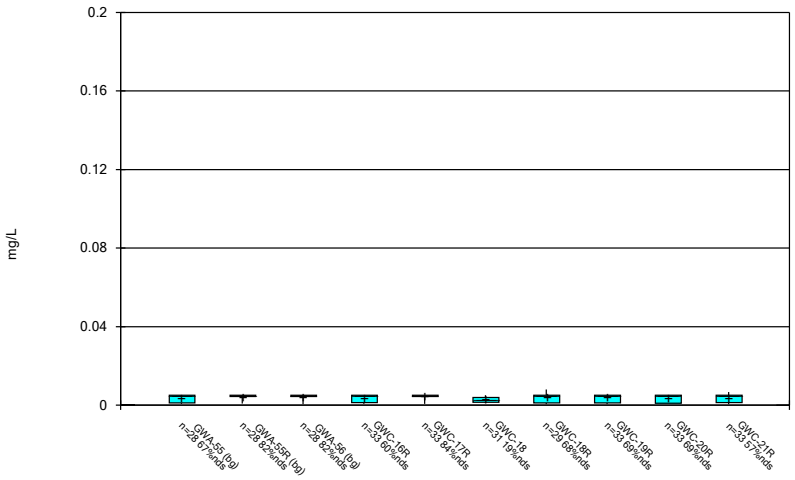
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/26/2025 11:08 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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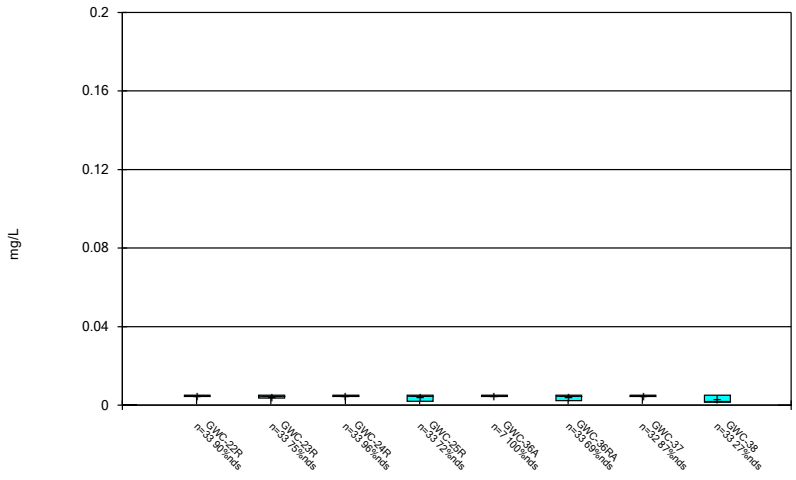
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/26/2025 11:09 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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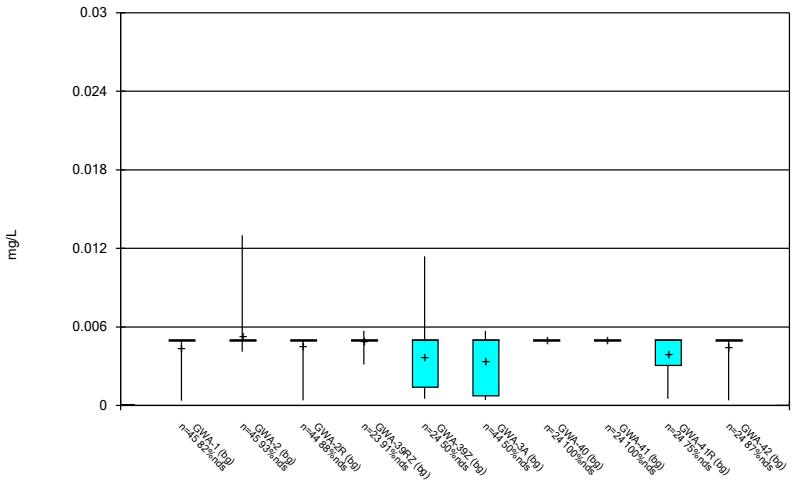
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/26/2025 11:09 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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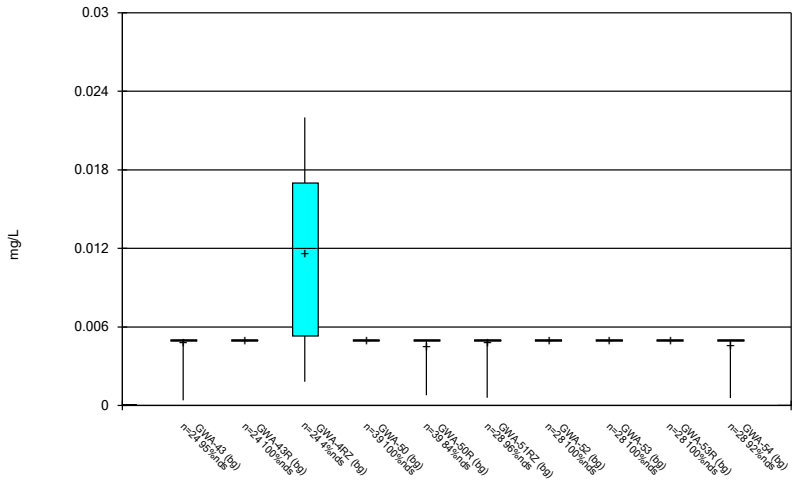
Box & Whiskers Plot



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Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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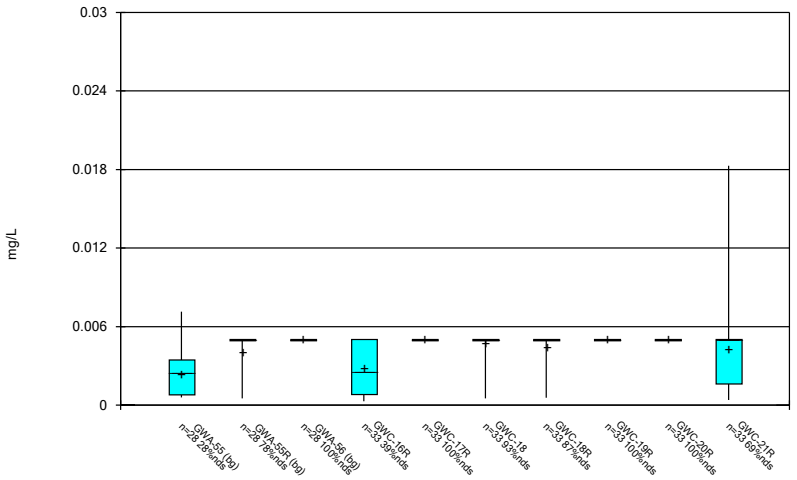

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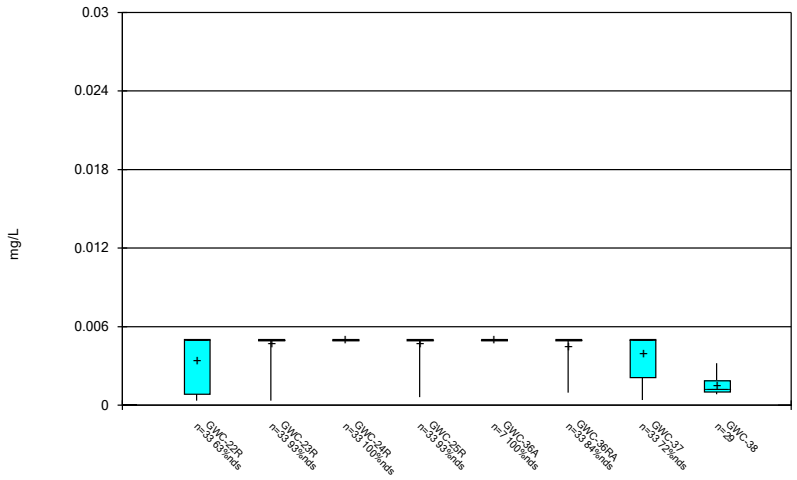

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Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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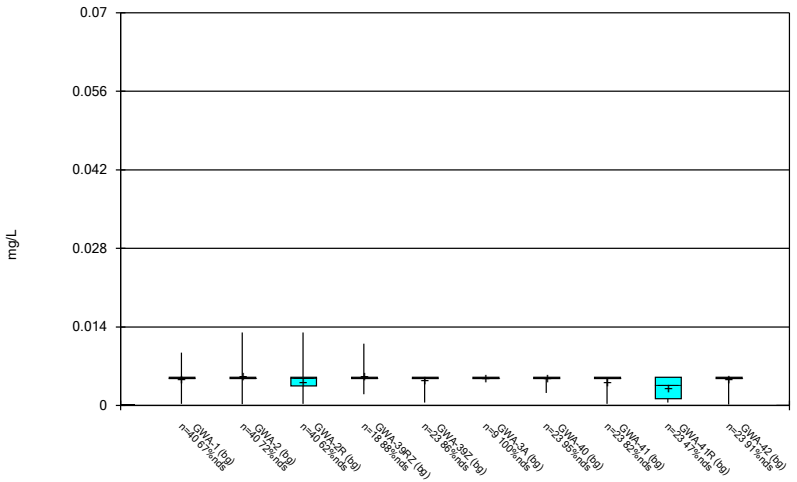
Box & Whiskers Plot



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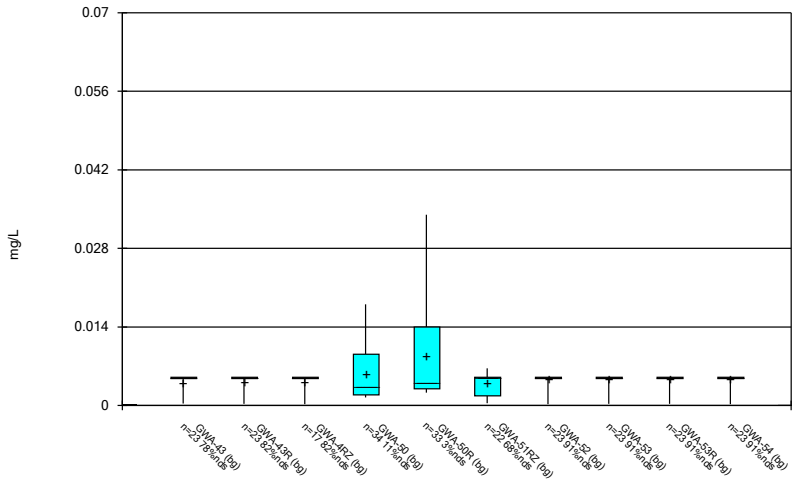

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Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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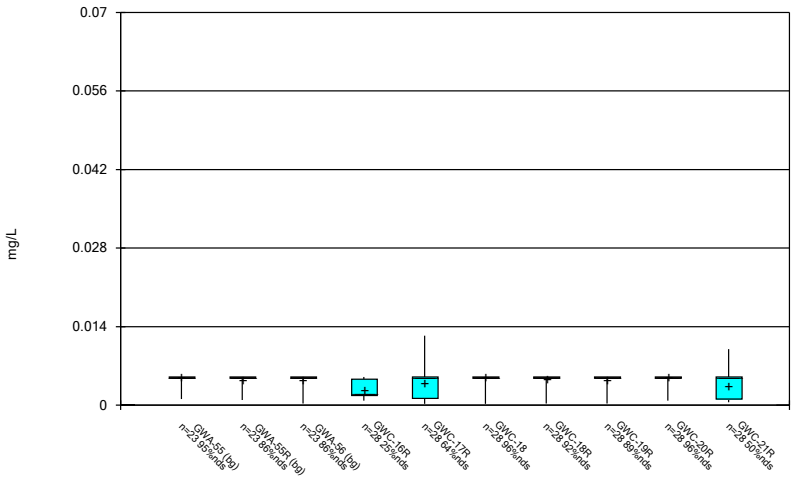
Box & Whiskers Plot



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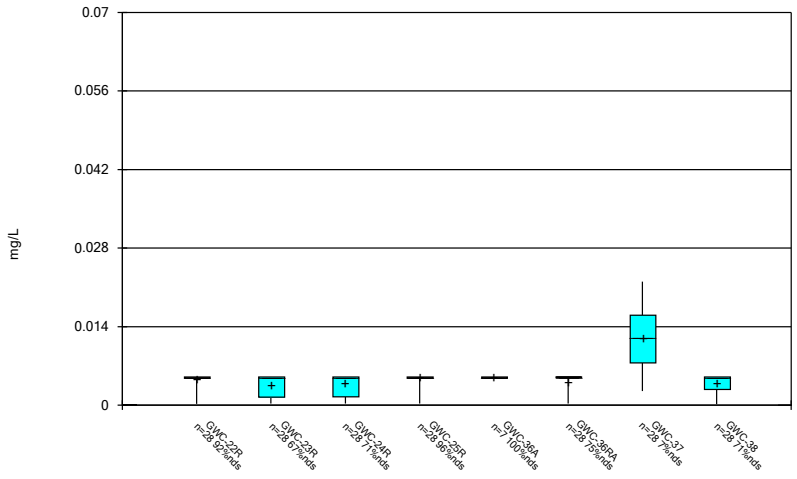

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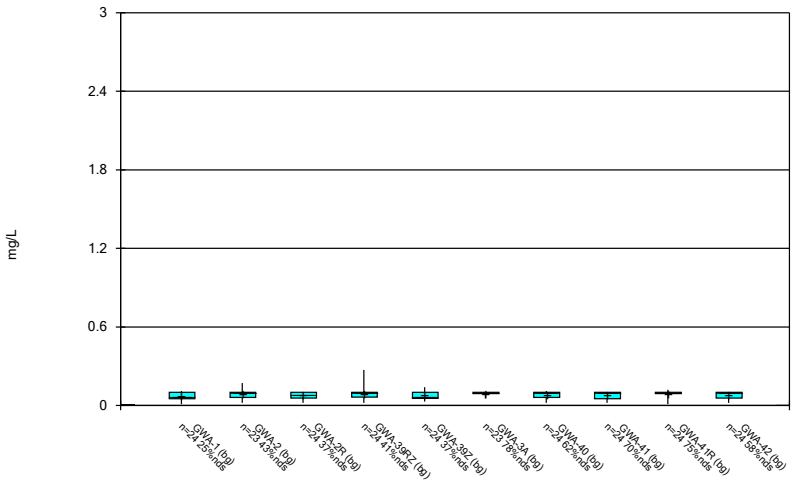

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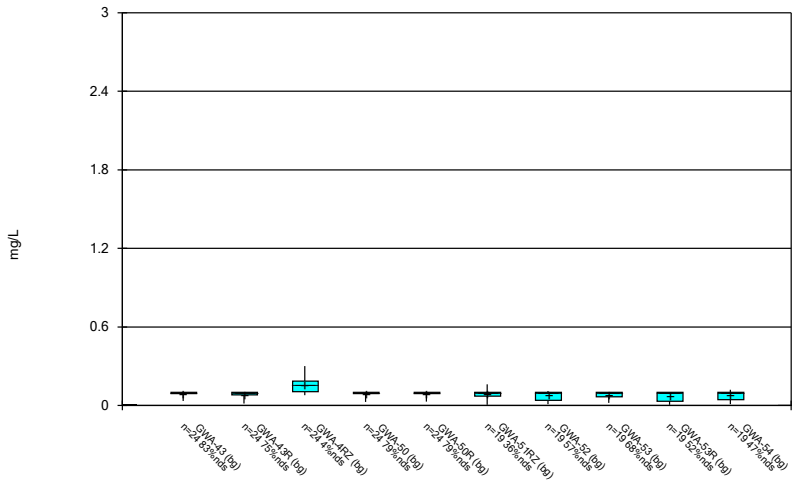

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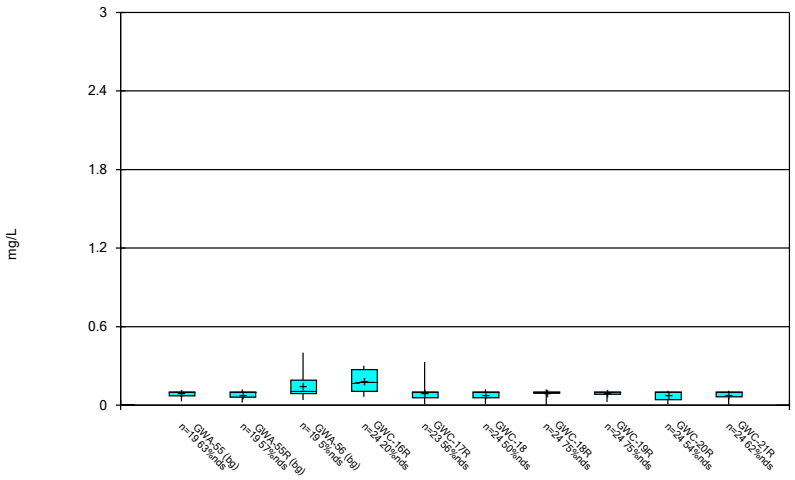

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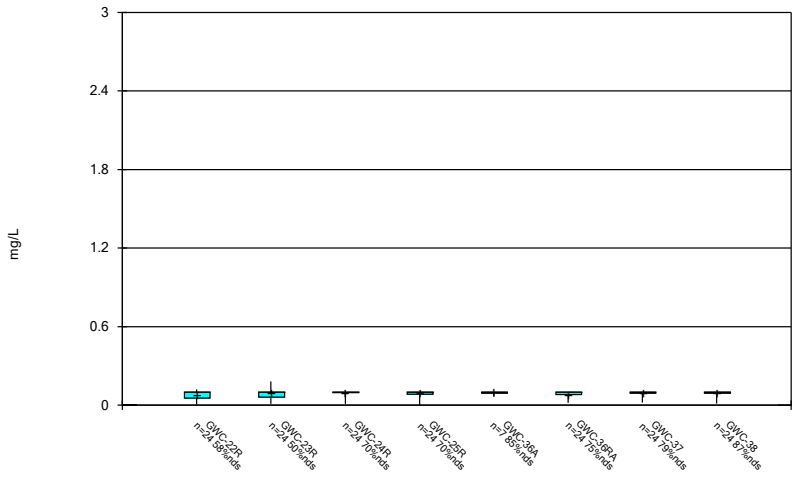

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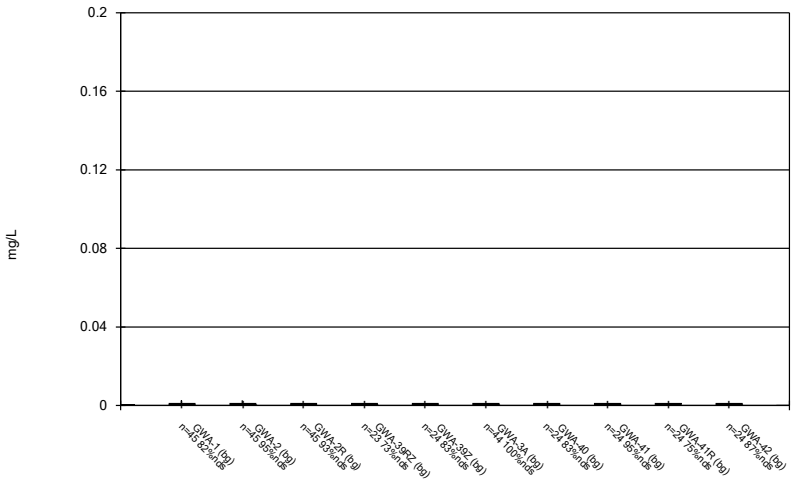

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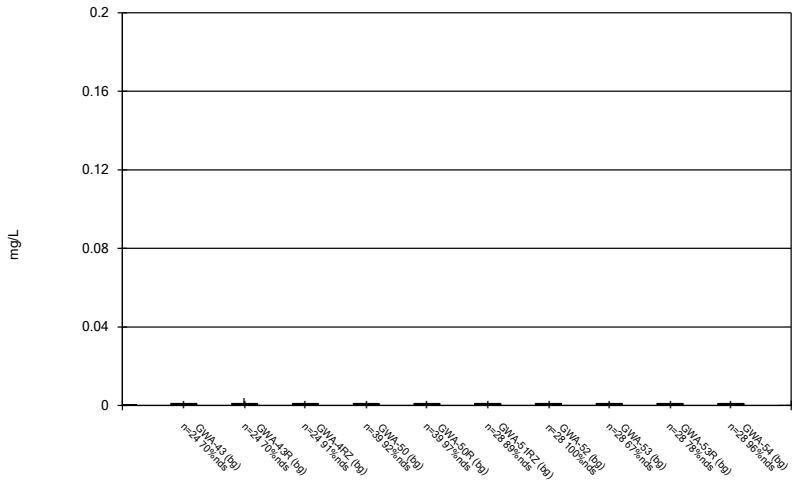

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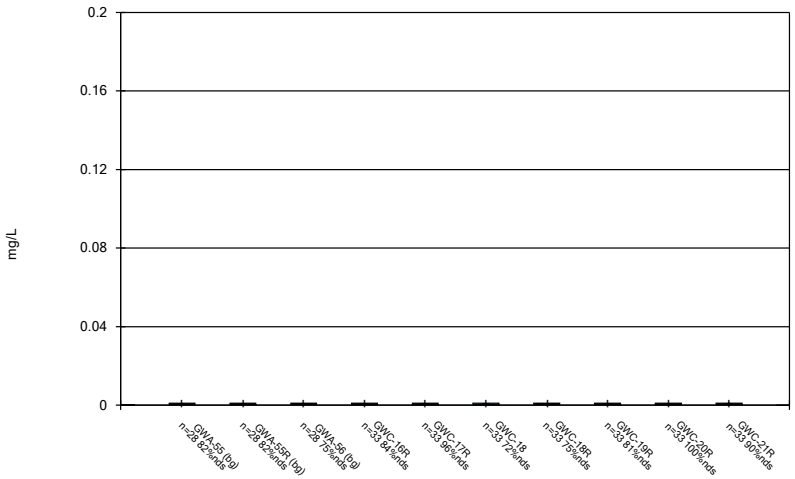

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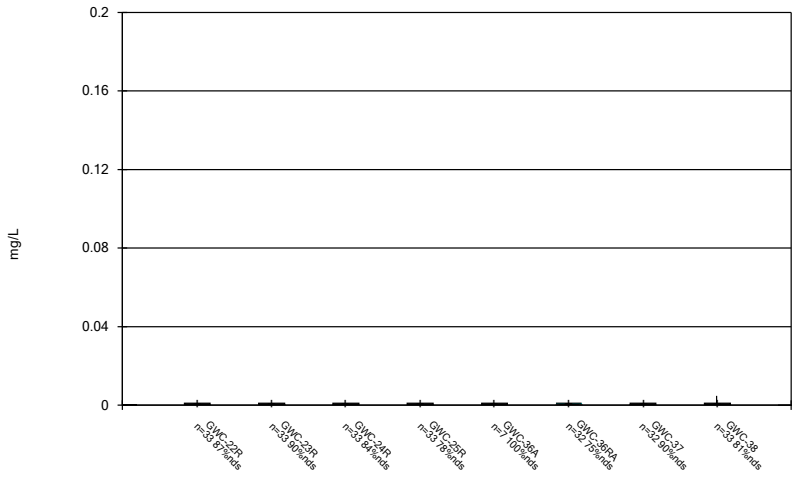

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Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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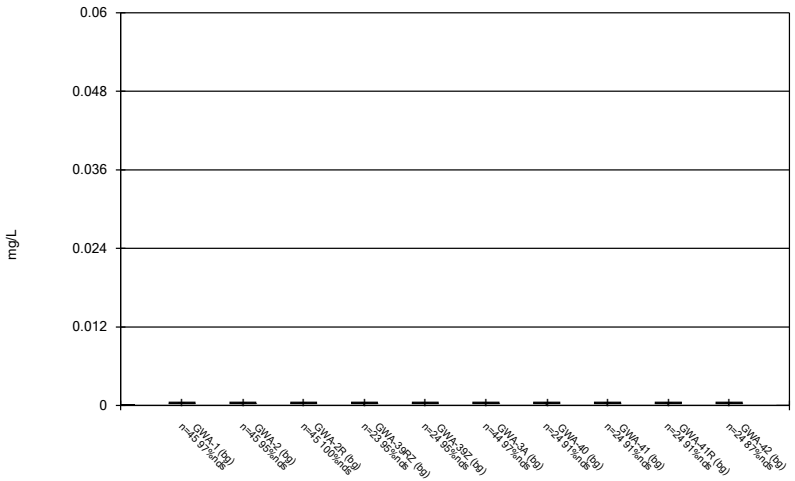

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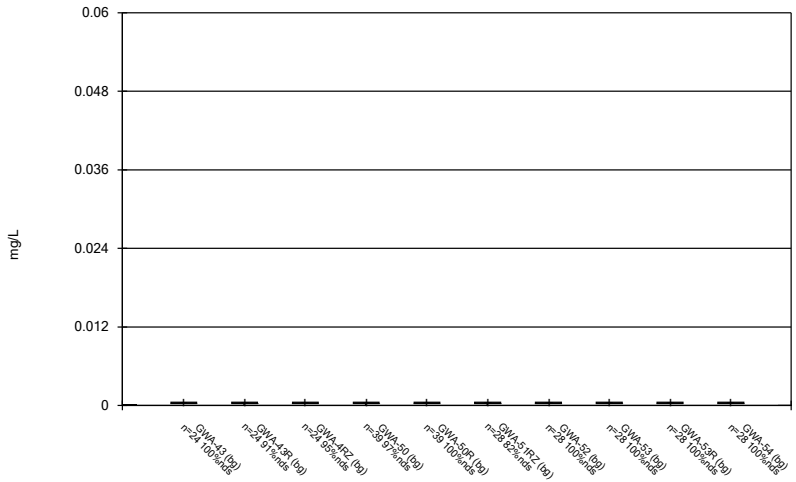
Box & Whiskers Plot



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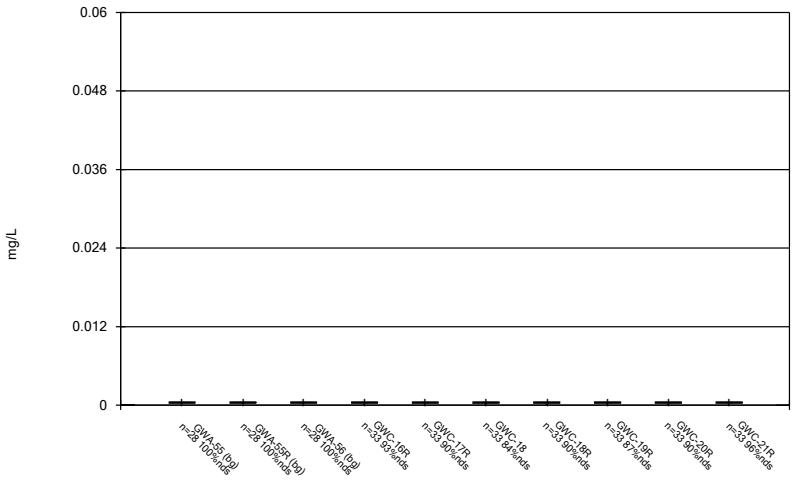

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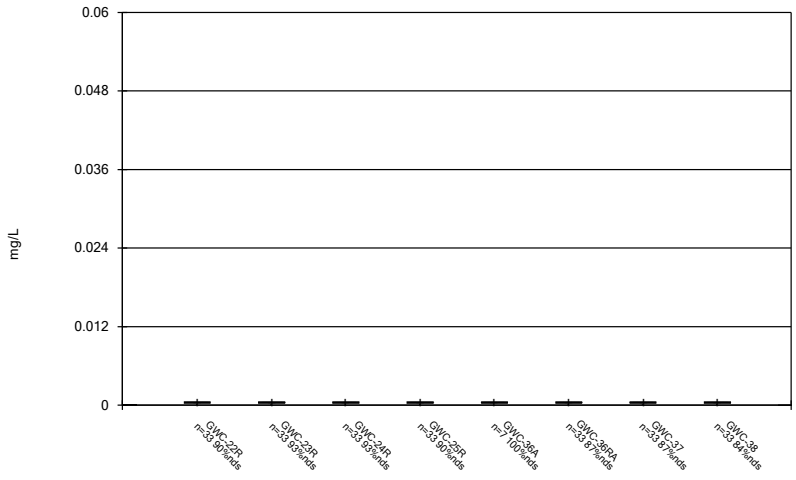

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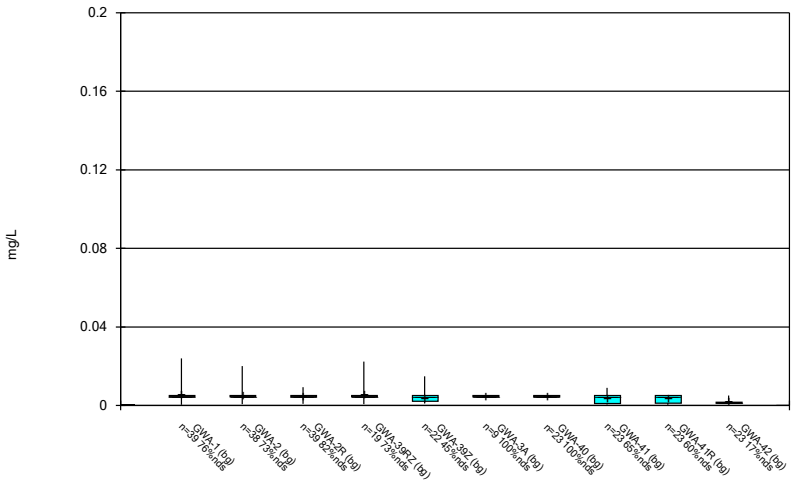

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Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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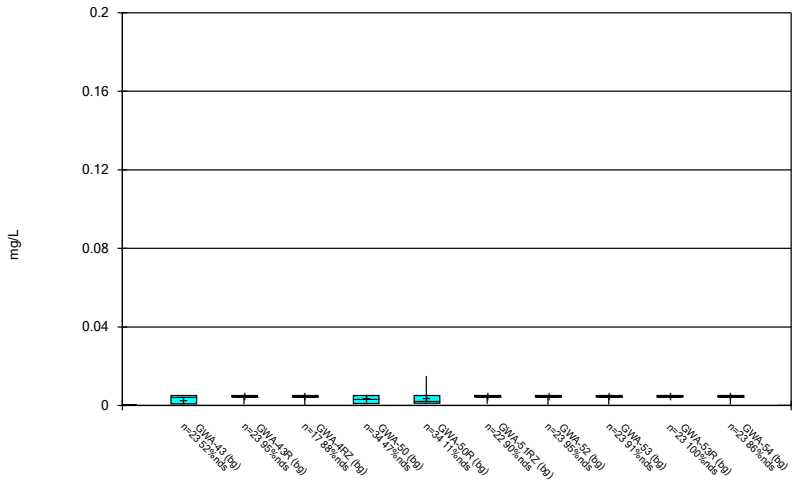
Box & Whiskers Plot



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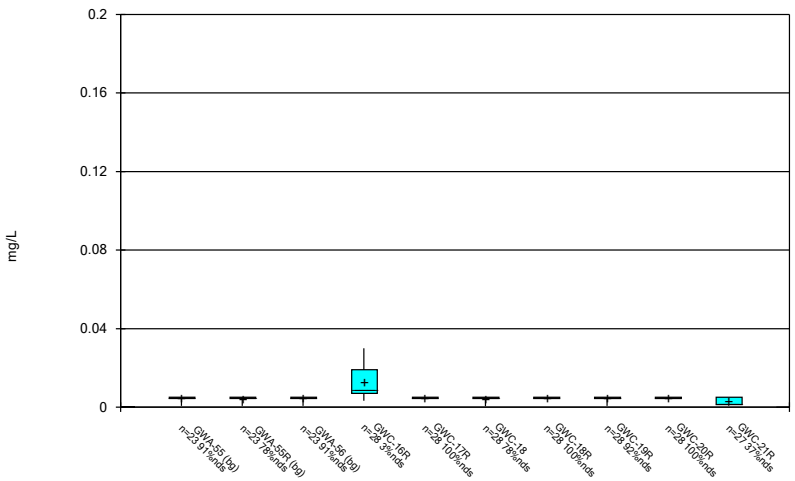
Box & Whiskers Plot



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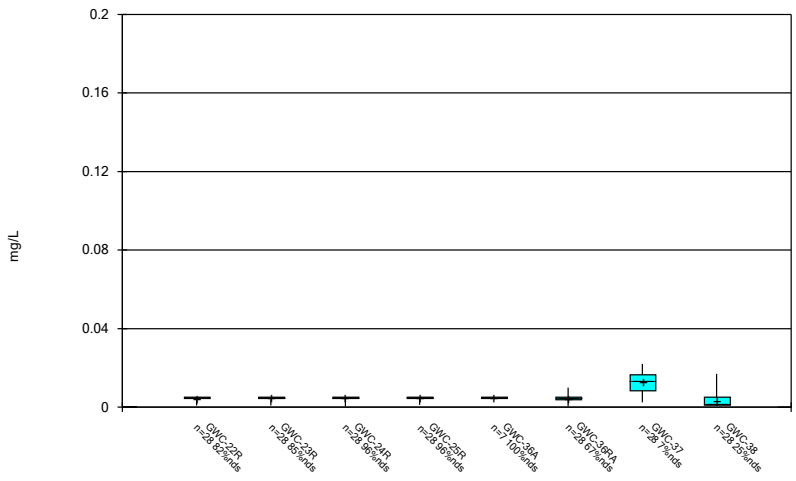
Box & Whiskers Plot



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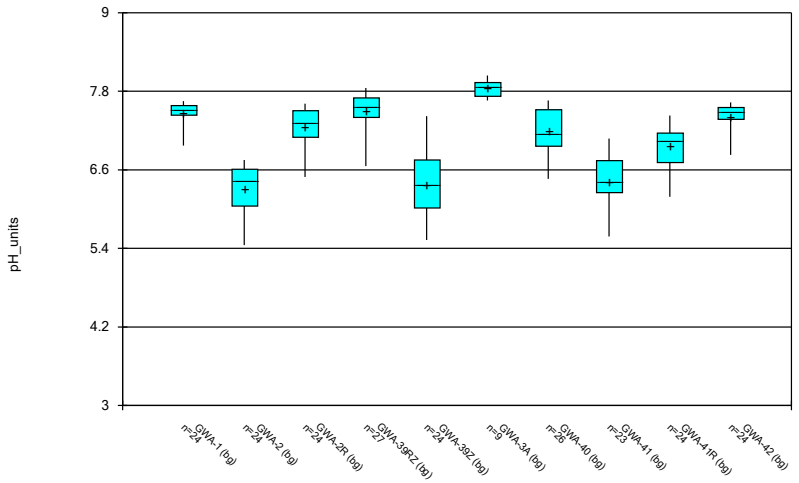
Box & Whiskers Plot



Constituent: pH Analysis Run 6/26/2025 11:09 AM

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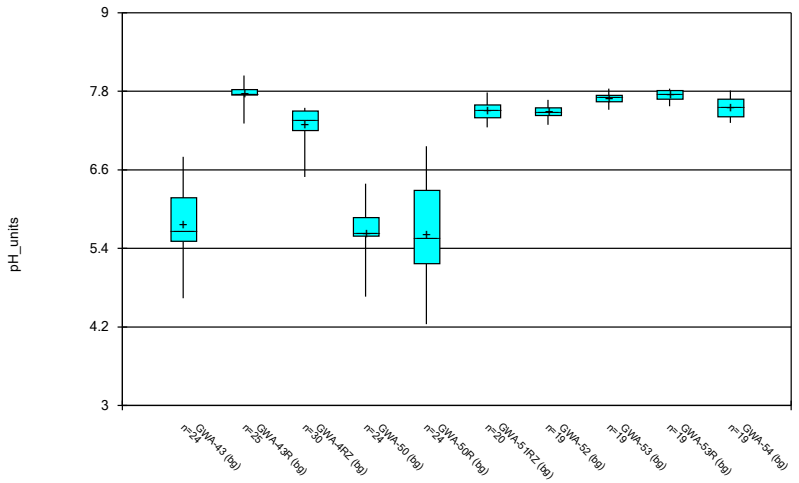
Box & Whiskers Plot



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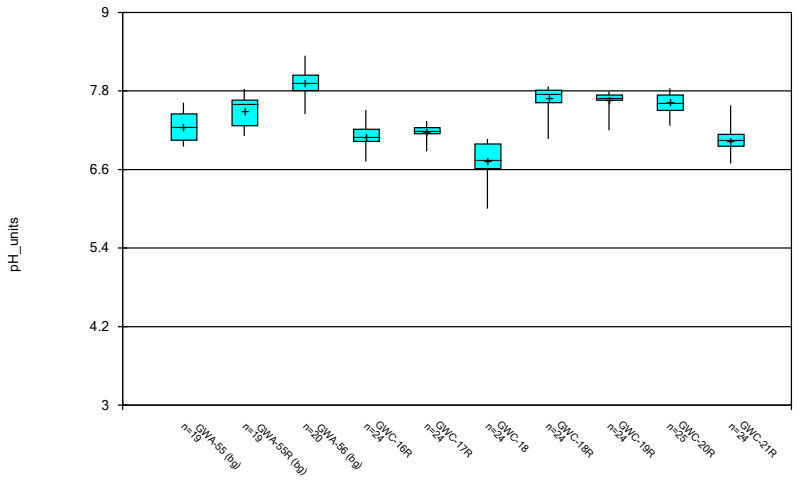

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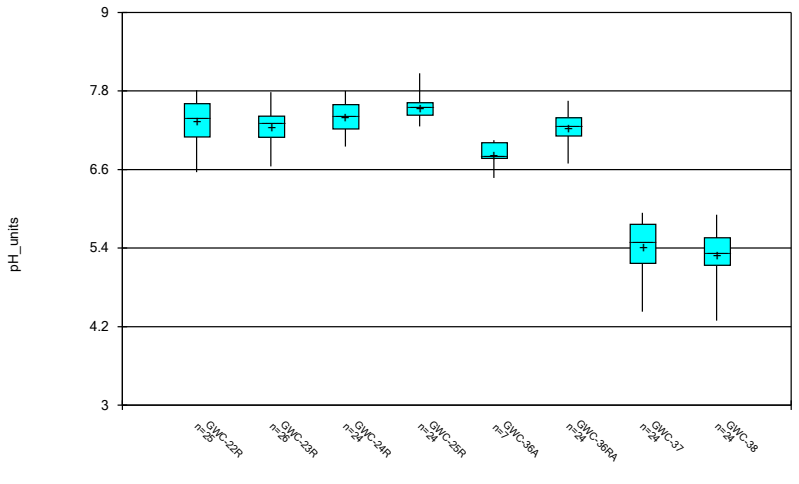

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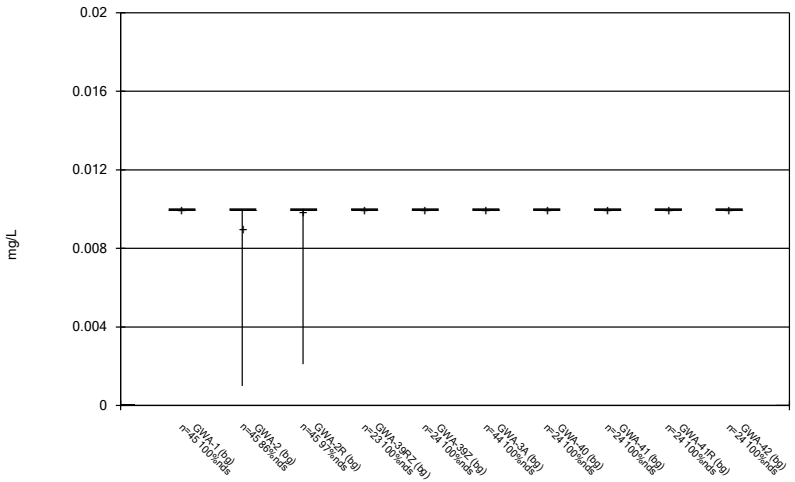
Box & Whiskers Plot



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Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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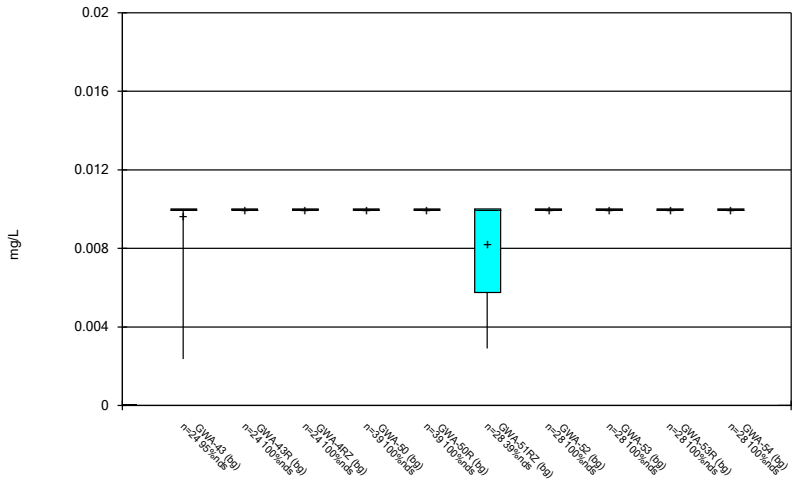
Box & Whiskers Plot



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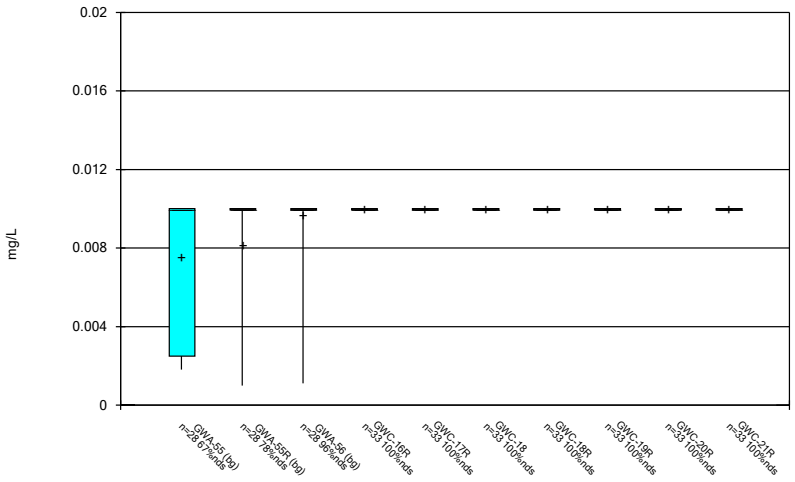

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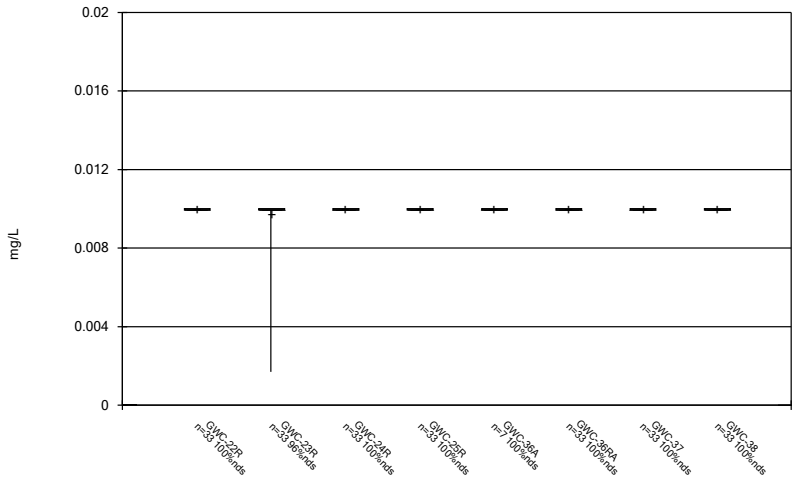

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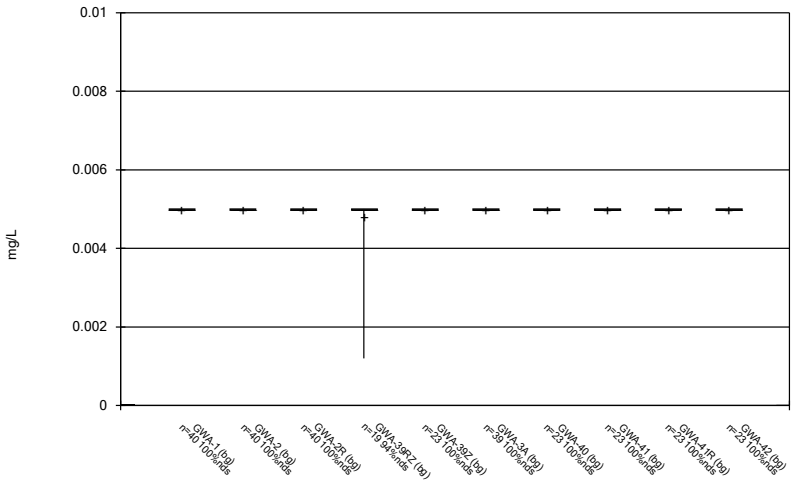

Constituent: Silver Analysis Run 6/26/2025 11:09 AM

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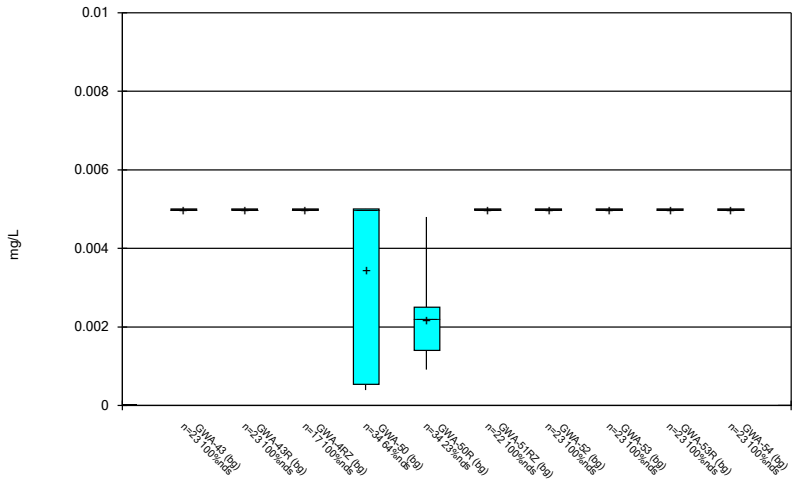
Box & Whiskers Plot



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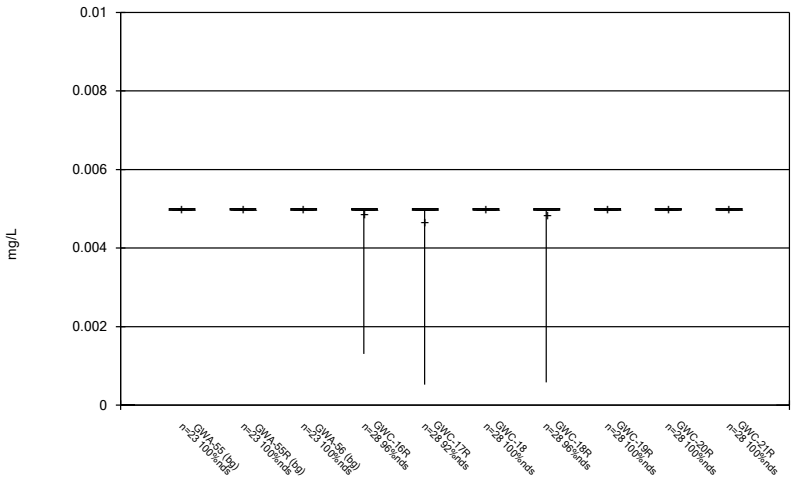

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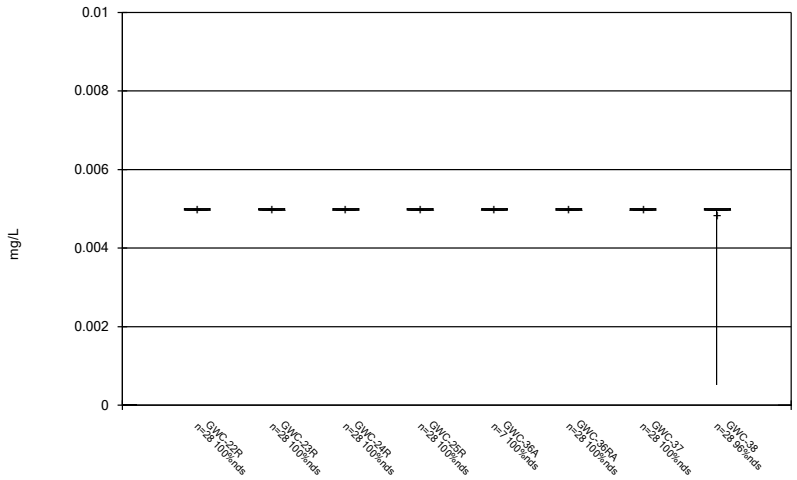

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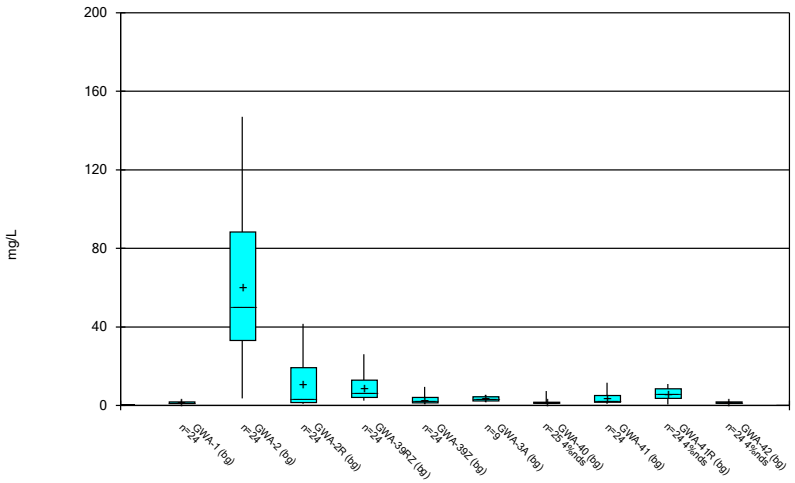

Constituent: Sulfate Analysis Run 6/26/2025 11:09 AM

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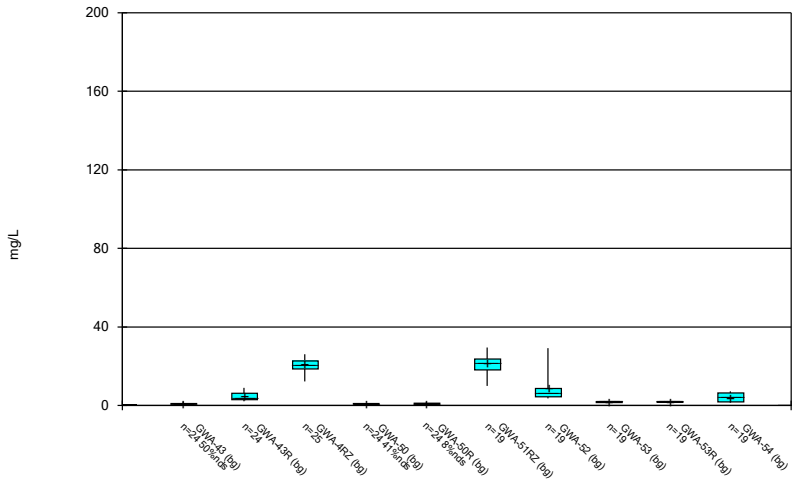

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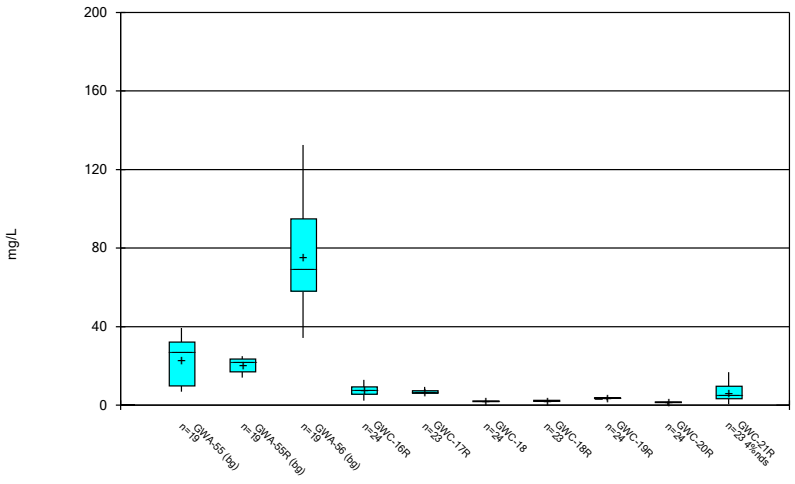

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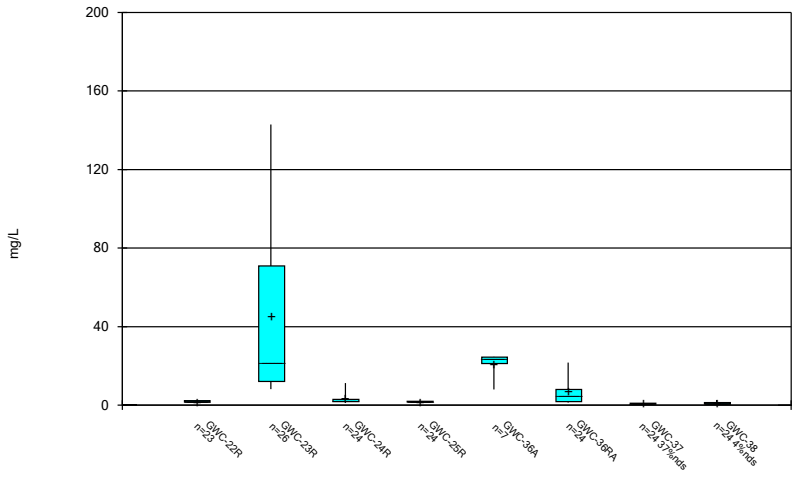
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 6/26/2025 11:09 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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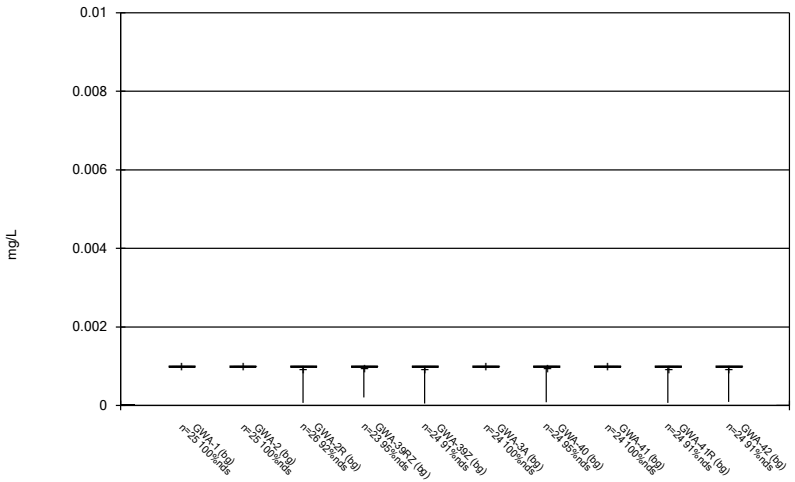
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/26/2025 11:09 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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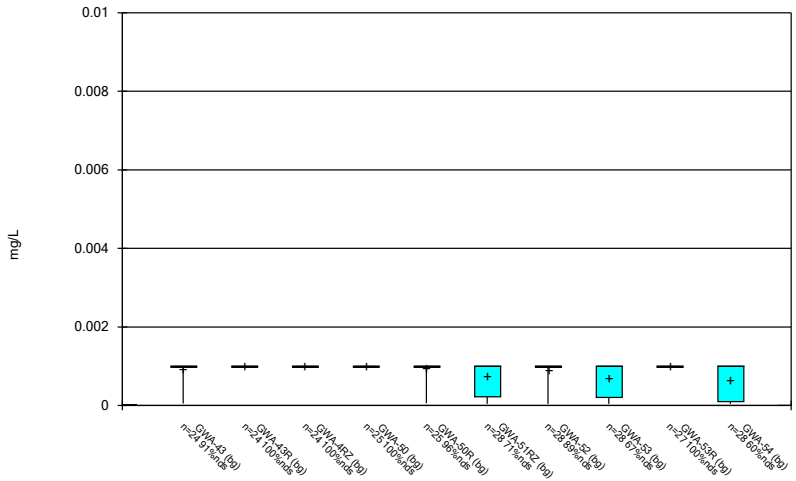
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/26/2025 11:09 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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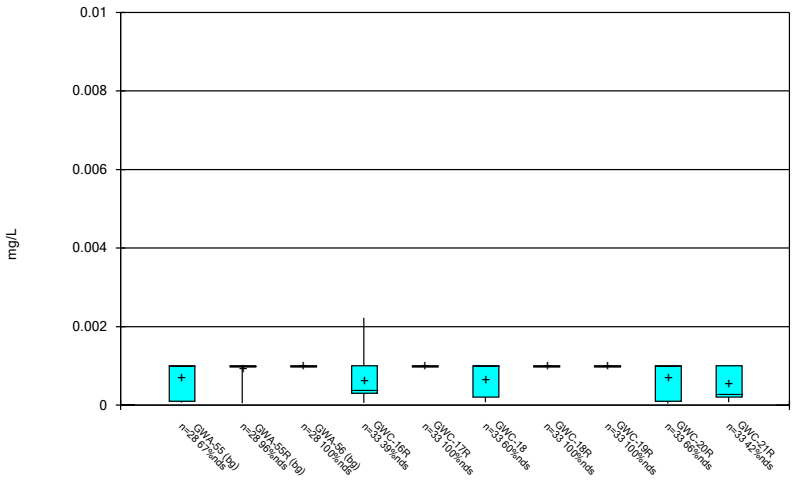
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/26/2025 11:09 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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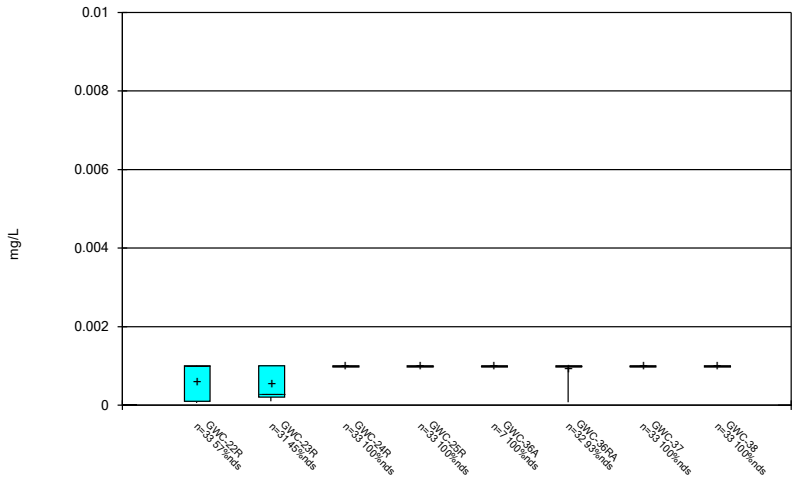
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/26/2025 11:09 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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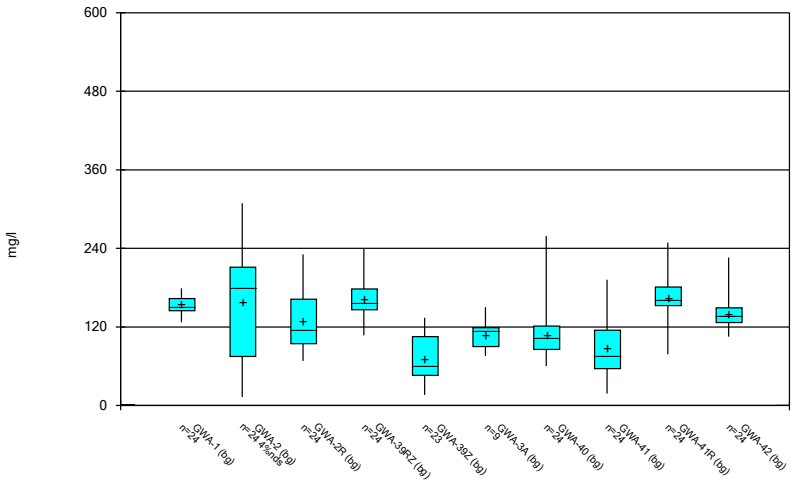
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 6/26/2025 11:09 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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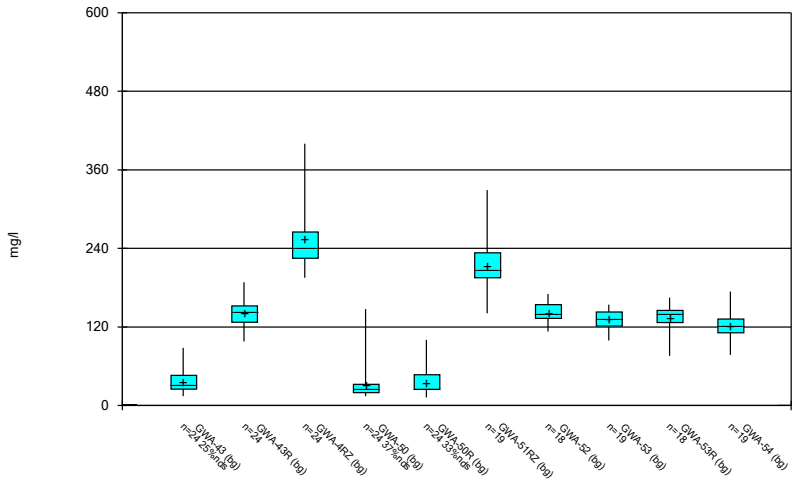
Box & Whiskers Plot

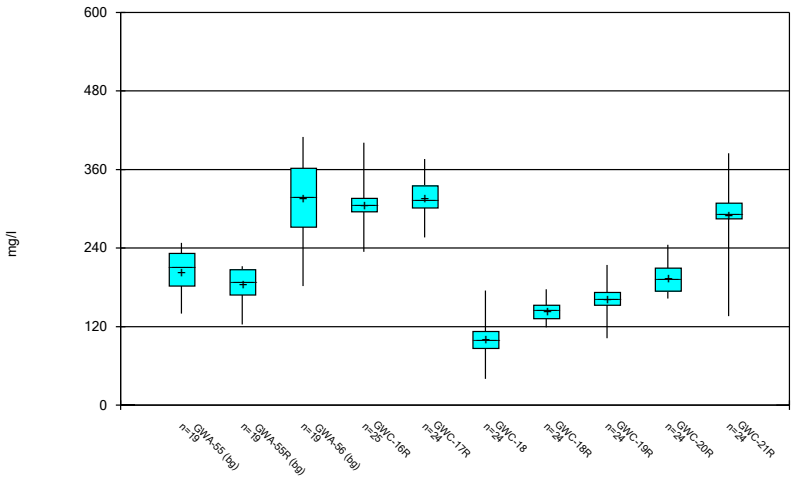


Constituent: Total Dissolved Solids Analysis Run 6/26/2025 11:09 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

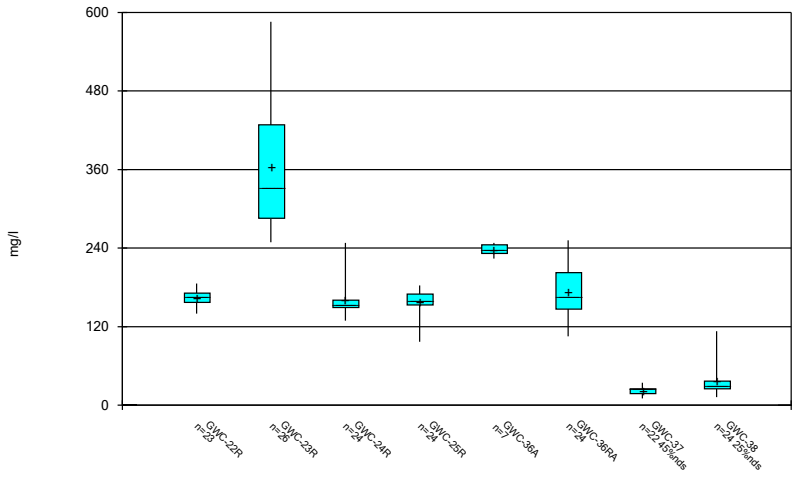


Constituent: Total Dissolved Solids Analysis Run 6/26/2025 11:09 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 6/26/2025 11:09 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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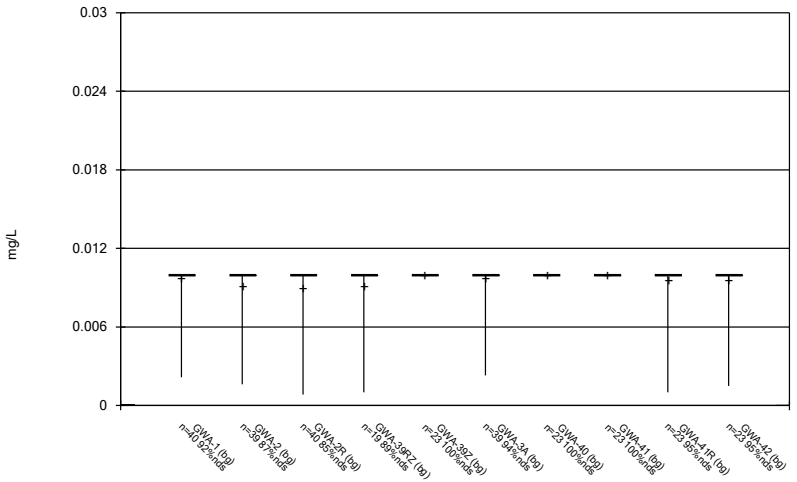
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/26/2025 11:09 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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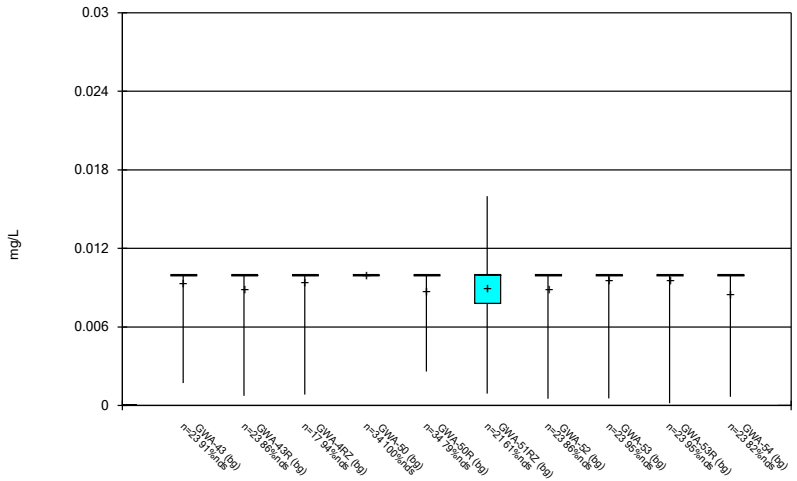
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/26/2025 11:09 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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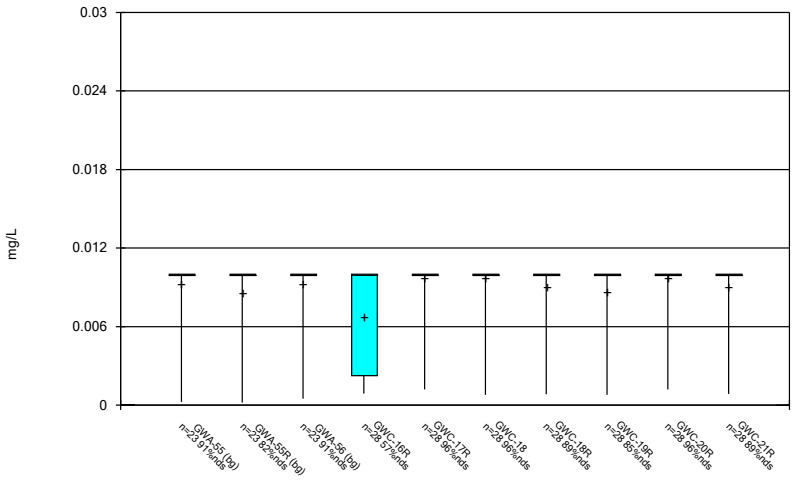
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/26/2025 11:09 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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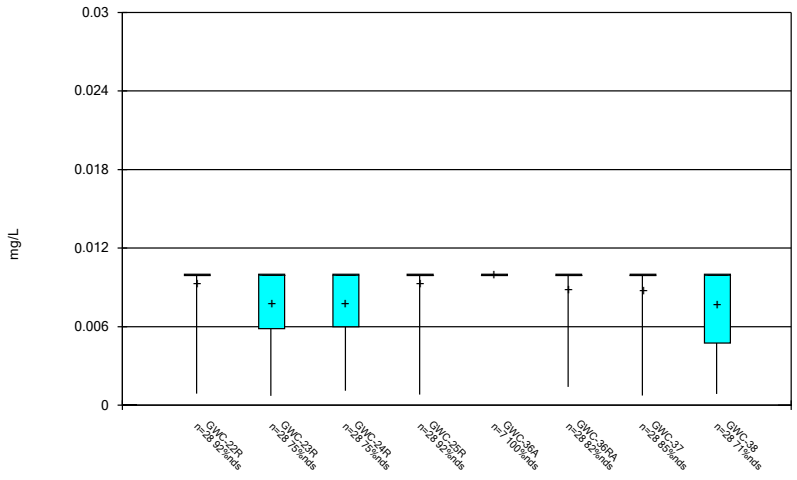
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/26/2025 11:09 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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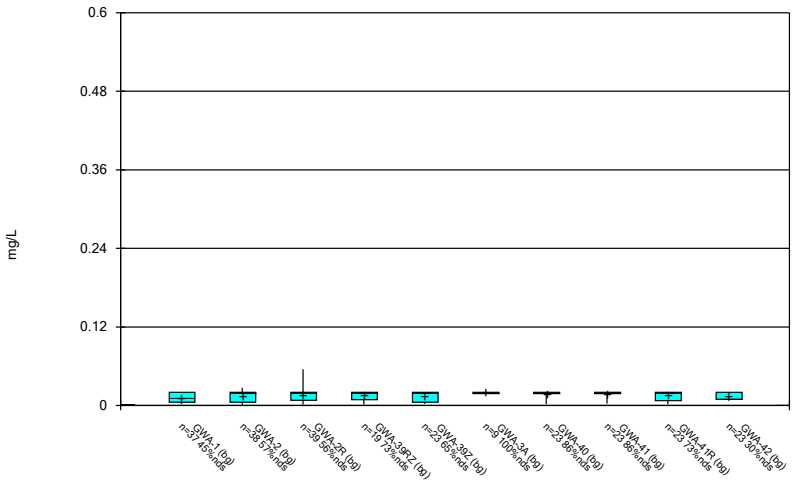
Box & Whiskers Plot

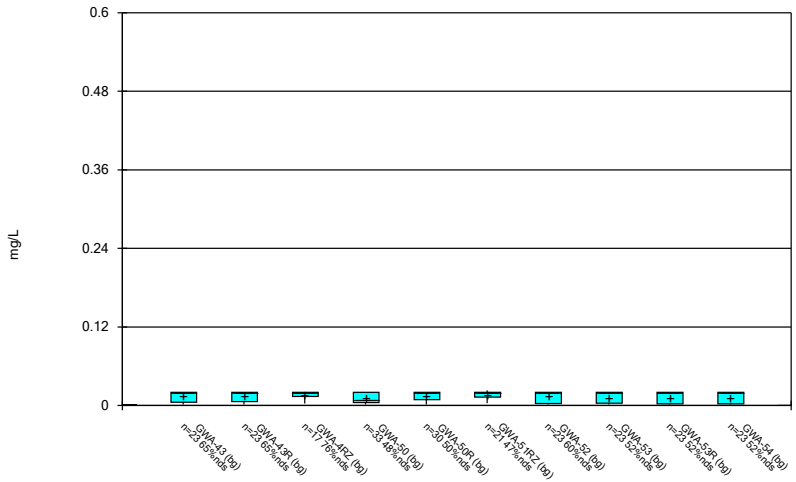


Constituent: Zinc Analysis Run 6/26/2025 11:09 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

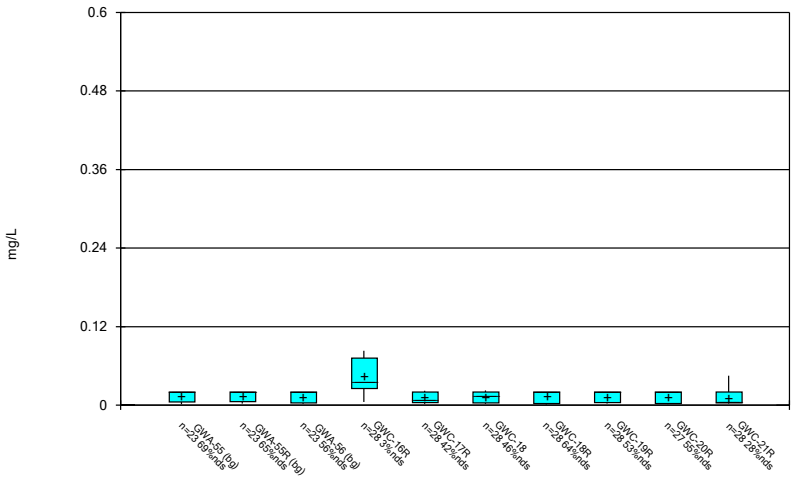


Constituent: Zinc Analysis Run 6/26/2025 11:10 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

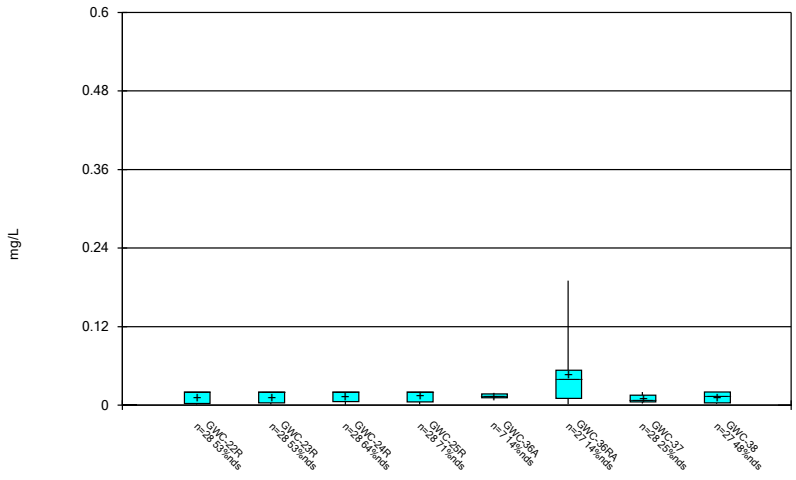


Constituent: Zinc Analysis Run 6/26/2025 11:10 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/26/2025 11:10 AM

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

FIGURE C.

Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR[IN USE BY DESKTOP-U0MTJD5] Printed 5/23/2025, 10:41 AM

	GWA-2R Antimony (mg/L)	GWA-39RZ Antimony (mg/L)	GWA-51RZ Antimony (mg/L)	GWC-24R Antimony (mg/L)	GWC-25R Antimony (mg/L)	GWA-2 Arsenic (mg/L)	GWA-50R Arsenic (mg/L)	GWA-51RZ Arsenic (mg/L)	GWC-16R Arsenic (mg/L)	GWC-21R Arsenic (mg/L)
8/23/2007										
10/24/2007										
11/2/2007										
11/18/2007										
1/30/2008										
1/31/2008										
3/10/2008										
3/11/2008										
5/14/2008										
12/4/2008						0.012 (O)				
12/5/2008										
12/12/2008										
4/15/2009										
4/23/2009										
10/6/2009										
10/7/2009										
10/8/2009										
5/3/2010							0.012 (O)			
4/27/2011										
4/3/2012										
9/15/2014										
10/4/2014										
10/21/2014										
11/11/2014										
3/2/2015										
3/3/2015										
3/17/2015										
5/8/2015										
5/17/2015										
5/25/2015										
8/12/2015								0.0162 (O)		
3/2/2016										
3/3/2016									0.08869 (OD)	
3/4/2016				0.0271 (JO)						
3/7/2016										
3/8/2016					0.0226 (O)					0.0148 (O)
3/9/2016										
5/3/2016										
5/13/2016										
7/12/2016				0.0094 (O)						
7/27/2016										
9/8/2016			0.0046 (O)							
9/13/2016				0.0072 (O)						
1/6/2017										
3/14/2017										
3/23/2017										
3/16/2018	0.021 (O)									
3/19/2018										
3/11/2019										
3/12/2019										
3/14/2019		0.014 (O)								
3/9/2020										
7/28/2021										
8/2/2021										
2/9/2023										

Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR[IN USE BY DESKTOP-U0MTJD5] Printed 5/23/2025, 10:41 AM

	GWA-1 Barium (mg/L)	GWA-2 Barium (mg/L)	GWA-2R Barium (mg/L)	GWA-3A Barium (mg/L)	GWA-50 Barium (mg/L)	GWA-50R Barium (mg/L)	GWC-17R Barium (mg/L)	GWC-18 Barium (mg/L)	GWC-18R Barium (mg/L)	GWC-19R Barium (mg/L)
8/23/2007				0.015 (O)						
10/24/2007										
11/2/2007				0.017 (O)						
11/18/2007		0.13 (O)		0.019 (O)						
1/30/2008										
1/31/2008			0.13 (O)	0.011 (O)						
3/10/2008										
3/11/2008				0.016 (O)						
5/14/2008				0.013 (O)						
12/4/2008		0.14 (O)								
12/5/2008				0.021 (O)						
12/12/2008					0.098 (O)					
4/15/2009				0.012 (O)						
4/23/2009						0.14 (O)				
10/6/2009						0.12 (O)				
10/7/2009	0.15 (O)									
10/8/2009				0.011 (O)						
5/3/2010						0.12 (O)				
4/27/2011										
4/3/2012			0.0625 (O)							
9/15/2014										
10/4/2014										
10/21/2014									0.027 (O)	
11/11/2014									0.028 (O)	
3/2/2015										
3/3/2015									0.034 (O)	
3/17/2015										
5/8/2015										
5/17/2015										
5/25/2015										
8/12/2015										
3/2/2016										
3/3/2016										
3/4/2016							0.0262 (JO)			
3/7/2016								<3 (O)		<3 (O)
3/8/2016										
3/9/2016										
5/3/2016										
5/13/2016										
7/12/2016										
7/27/2016										
9/8/2016										
9/13/2016										
1/6/2017										
3/14/2017										
3/23/2017										
3/16/2018										
3/19/2018										
3/11/2019										
3/12/2019										
3/14/2019										
3/9/2020										
7/28/2021										
8/2/2021										
2/9/2023										

Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR[IN USE BY DESKTOP-U0MTJD5] Printed 5/23/2025, 10:41 AM

	GWC-24R Barium (mg/L)	GWC-38 Barium (mg/L)	GWA-43 Calcium (mg/L)	GWA-1 Chromium (mg/L)	GWA-2 Chromium (mg/L)	GWA-2R Chromium (mg/L)	GWA-39Z Chromium (mg/L)	GWA-3A Chromium (mg/L)	GWA-51RZ Chromium (mg/L)	GWC-18 Chromium (mg/L)
8/23/2007										
10/24/2007					0.039 (O)					
11/2/2007								0.027 (O)		
11/18/2007				0.038 (O)	0.059 (O)			0.17 (O)		
1/30/2008				0.11 (O)						
1/31/2008						0.052 (O)				
3/10/2008				0.038 (O)						
3/11/2008					0.03 (O)			0.063 (O)		
5/14/2008								0.057 (O)		
12/4/2008										
12/5/2008										
12/12/2008										
4/15/2009										
4/23/2009										
10/6/2009										
10/7/2009										
10/8/2009										
5/3/2010										
4/27/2011										
4/3/2012										
9/15/2014										
10/4/2014										
10/21/2014										
11/11/2014										
3/2/2015		0.03 (O)								
3/3/2015										
3/17/2015										
5/8/2015									0.036 (O)	
5/17/2015									0.029 (O)	
5/25/2015									0.029 (O)	
8/12/2015										
3/2/2016										
3/3/2016										
3/4/2016	0.0422 (O)									
3/7/2016										<0.01 (O)
3/8/2016										
3/9/2016										
5/3/2016										
5/13/2016			18.7 (o)							
7/12/2016										
7/27/2016										
9/8/2016										
9/13/2016										
1/6/2017										
3/14/2017										
3/23/2017										<0.01 (O)
3/16/2018										
3/19/2018										
3/11/2019										
3/12/2019										
3/14/2019										
3/9/2020							0.069 (O)			
7/28/2021										
8/2/2021										
2/9/2023										

Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR[IN USE BY DESKTOP-U0MTJD5] Printed 5/23/2025, 10:41 AM

	GWC-18R Chromium (mg/L)	GWC-37 Chromium (mg/L)	GWA-2R Cobalt (mg/L)	GWC-38 Cobalt (mg/L)	GWA-39RZ Copper (mg/L)	GWA-50R Copper (mg/L)	GWA-2 Fluoride (mg/L)	GWC-17R Fluoride (mg/L)	GWC-21R Fluoride (mg/L)	GWC-36RA Lead (mg/L)
8/23/2007										
10/24/2007										
11/2/2007										
11/18/2007										
1/30/2008										
1/31/2008			0.0083 (O)							
3/10/2008										
3/11/2008										
5/14/2008										
12/4/2008										
12/5/2008										
12/12/2008					0.064 (O)					
4/15/2009										
4/23/2009										
10/6/2009										
10/7/2009										
10/8/2009										
5/3/2010										
4/27/2011										
4/3/2012										
9/15/2014										0.0069 (JO)
10/4/2014	0.025 (O)									
10/21/2014	0.024 (O)									
11/11/2014	0.025 (O)									
3/2/2015										
3/3/2015	0.029 (O)									
3/17/2015				0.0044 (O)						
5/8/2015										
5/17/2015										
5/25/2015										
8/12/2015										
3/2/2016				<0.01 (O)						
3/3/2016										
3/4/2016							2.1421 (O)			
3/7/2016										
3/8/2016										
3/9/2016										
5/3/2016				<0.01 (O)						
5/13/2016										
7/12/2016										
7/27/2016					0.0271 (O)					
9/8/2016										
9/13/2016										
1/6/2017										
3/14/2017										
3/23/2017										
3/16/2018										
3/19/2018						1.1 (O)				
3/11/2019								0.51 (O)		
3/12/2019										
3/14/2019										
3/9/2020										
7/28/2021		0.018 (O)								
8/2/2021										
2/9/2023										

Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR[IN USE BY DESKTOP-U0MTJD5] Printed 5/23/2025, 10:41 AM

	GWC-37 Lead (mg/L)	GWA-1 Nickel (mg/L)	GWA-2 Nickel (mg/L)	GWA-2R Nickel (mg/L)	GWA-39Z Nickel (mg/L)	GWC-21R Nickel (mg/L)	GWC-17R Sulfate (mg/L)	GWC-21R Sulfate (mg/L)	GWC-23R Thallium (mg/L)	GWC-22R Total Dissolved Solids (mg/l)
8/23/2007										
10/24/2007			0.026 (O)							
11/2/2007										
11/18/2007			0.043 (O)							
1/30/2008		0.11 (O)								
1/31/2008				0.054 (O)						
3/10/2008										
3/11/2008										
5/14/2008										
12/4/2008										
12/5/2008										
12/12/2008										
4/15/2009										
4/23/2009										
10/6/2009										
10/7/2009										
10/8/2009										
5/3/2010										
4/27/2011										
4/3/2012										
9/15/2014										
10/4/2014										
10/21/2014										
11/11/2014										
3/2/2015										
3/3/2015										
3/17/2015										
5/8/2015										
5/17/2015										
5/25/2015										
8/12/2015										
3/2/2016										
3/3/2016										
3/4/2016										
3/7/2016										
3/8/2016						0.0261 (O)				
3/9/2016								0.0033 (JO)		
5/3/2016										
5/13/2016										
7/12/2016										
7/27/2016										
9/8/2016										
9/13/2016										
1/6/2017										
3/14/2017										
3/23/2017										
3/16/2018										
3/19/2018										
3/11/2019										
3/12/2019							25.9 (O)			
3/14/2019										
3/9/2020				0.04 (O)						
7/28/2021	0.13 (O)									
8/2/2021								21.5 (O)		
2/9/2023									328 (O)	

Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR[IN USE BY DESKTOP-U0MTJD5] Printed 5/23/2025, 10:41 AM

	GWC-37 Total Dissolved Solids (mg/l)	GWA-2 Vanadium (mg/L)	GWA-51RZ Vanadium (mg/L)	GWA-1 Zinc (mg/L)	GWA-2 Zinc (mg/L)	GWA-2R Zinc (mg/L)	GWA-50 Zinc (mg/L)	GWA-50R Zinc (mg/L)	GWA-51RZ Zinc (mg/L)	GWC-20R Zinc (mg/L)
8/23/2007				0.032 (O)						
10/24/2007					0.043 (O)					
11/2/2007										
11/18/2007										
1/30/2008				0.022 (O)						
1/31/2008						0.063 (O)				
3/10/2008										
3/11/2008										
5/14/2008										
12/4/2008		0.016 (O)			0.081 (O)					
12/5/2008										
12/12/2008							0.048 (O)			
4/15/2009										
4/23/2009								0.075 (O)		
10/6/2009								0.056 (O)		
10/7/2009				0.061 (O)						
10/8/2009										
5/3/2010								0.051 (O)		
4/27/2011								0.025 (O)		
4/3/2012										
9/15/2014										
10/4/2014										
10/21/2014										
11/11/2014										
3/2/2015										
3/3/2015										
3/17/2015										
5/8/2015										
5/17/2015									0.12 (O)	
5/25/2015										
8/12/2015			0.0279 (O)							
3/2/2016										
3/3/2016										
3/4/2016										
3/7/2016										
3/8/2016										0.557 (O)
3/9/2016										
5/3/2016										
5/13/2016										
7/12/2016										
7/27/2016										
9/8/2016										
9/13/2016										
1/6/2017	189 (O)									
3/14/2017	90 (O)									
3/23/2017										
3/16/2018										
3/19/2018										
3/11/2019										
3/12/2019										
3/14/2019										
3/9/2020										
7/28/2021										
8/2/2021										
2/9/2023										

Outlier Summary

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR[IN USE BY DESKTOP-U0MTJD5] Printed 5/23/2025, 10:41 AM

	GWC-36RA Zinc (mg/L)	GWC-38 Zinc (mg/L)
8/23/2007		
10/24/2007		
11/2/2007		
11/18/2007		
1/30/2008		
1/31/2008		
3/10/2008		
3/11/2008		
5/14/2008		
12/4/2008		
12/5/2008		
12/12/2008		
4/15/2009		
4/23/2009		
10/6/2009		
10/7/2009		
10/8/2009		
5/3/2010		
4/27/2011		
4/3/2012		
9/15/2014	0.44 (O)	
10/4/2014		
10/21/2014		
11/11/2014		
3/2/2015		0.041 (O)
3/3/2015		
3/17/2015		
5/8/2015		
5/17/2015		
5/25/2015		
8/12/2015		
3/2/2016		
3/3/2016		
3/4/2016		
3/7/2016		
3/8/2016		
3/9/2016		
5/3/2016		
5/13/2016		
7/12/2016		
7/27/2016		
9/8/2016		
9/13/2016		
1/6/2017		
3/14/2017		
3/23/2017		
3/16/2018		
3/19/2018		
3/11/2019		
3/12/2019		
3/14/2019		
3/9/2020		
7/28/2021		
8/2/2021		
2/9/2023		

FIGURE D.

Welch's t-test/Mann-Whitney - Well GWA-3A - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 10:56 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Barium (mg/L)	**GWA-3A (bg)**	**2.641**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-3A (bg)**	**2.636**	**Yes**	**0.01**	**Yes**	**Mann-W**
Copper (mg/L)	**GWA-3A (bg)**	**-4.339**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWA-3A (bg)**	**-4.291**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH (pH_units)	**GWA-3A (bg)**	**3.79**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWA-3A (bg)**	**3.792**	**Yes**	**0.01**	**Yes**	**Mann-W**
Total Dissolved Solids (mg/l)	**GWA-3A (bg)**	**3.811**	**Yes**	**0.01**	**Yes**	**Mann-W**
Zinc (mg/L)	**GWA-3A (bg)**	**-4.2**	**Yes**	**0.01**	**Yes**	**Mann-W**

Welch's t-test/Mann-Whitney - Well GWA-3A - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 10:56 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Antimony (mg/L)	GWA-3A (bg)	0.1344	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-3A (bg)	-2.151	No	0.01	No	Mann-W
Barium (mg/L)	**GWA-3A (bg)**	**2.641**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-3A (bg)**	**2.636**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-3A (bg)	0.3899	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-3A (bg)	2.377	No	0.01	No	Mann-W
Copper (mg/L)	**GWA-3A (bg)**	**-4.339**	**Yes**	**0.01**	**Yes**	**Mann-W**
Mercury (mg/L)	GWA-3A (bg)	-2.151	No	0.01	No	Mann-W
Nickel (mg/L)	**GWA-3A (bg)**	**-4.291**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH (pH_units)	**GWA-3A (bg)**	**3.79**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWA-3A (bg)**	**3.792**	**Yes**	**0.01**	**Yes**	**Mann-W**
Total Dissolved Solids (mg/l)	**GWA-3A (bg)**	**3.811**	**Yes**	**0.01**	**Yes**	**Mann-W**
Vanadium (mg/L)	GWA-3A (bg)	0.6938	No	0.01	No	Mann-W
Zinc (mg/L)	**GWA-3A (bg)**	**-4.2**	**Yes**	**0.01**	**Yes**	**Mann-W**

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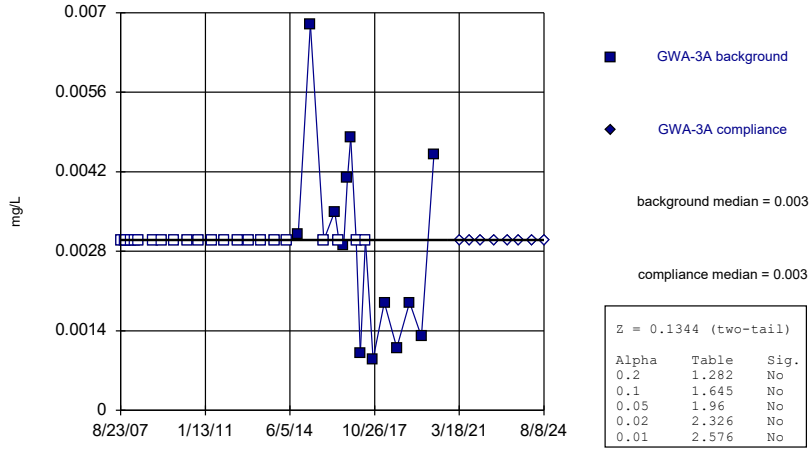
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3A (bg)



background median = 0.003

compliance median = 0.003

Z = 0.1344 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/26/2025 10:51 AM View: Mann-Whitney GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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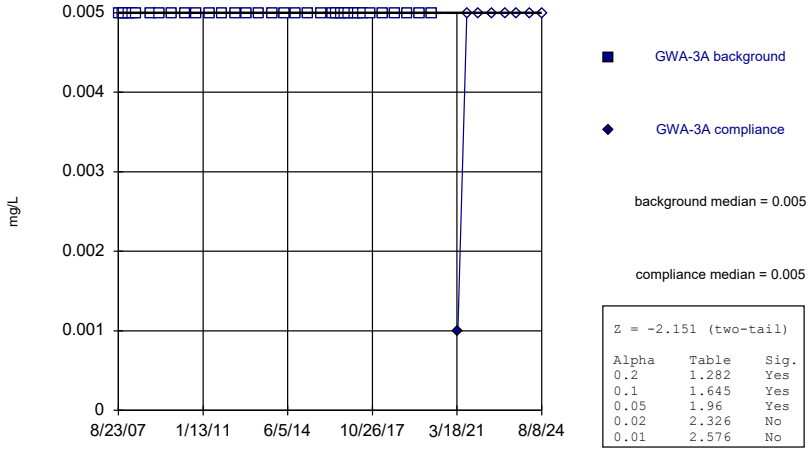
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3A (bg)



background median = 0.005

compliance median = 0.005

Z = -2.151 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 6/26/2025 10:51 AM View: Mann-Whitney GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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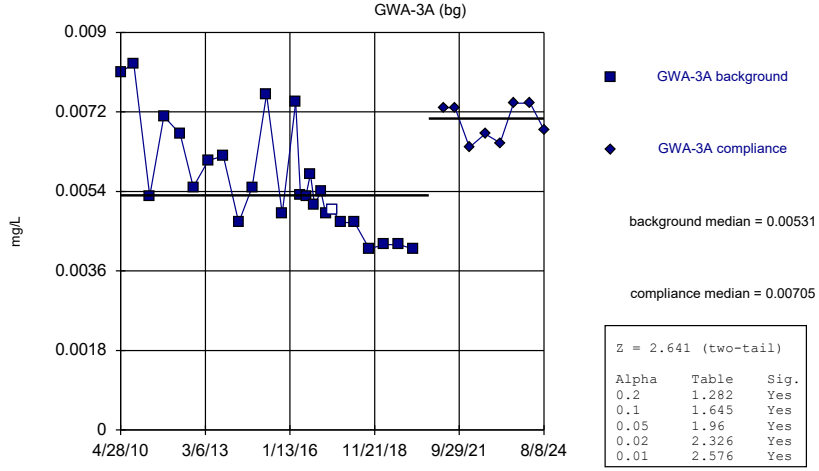
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3A (bg)



background median = 0.00531

compliance median = 0.00705

Z = 2.641 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/26/2025 10:51 AM View: Mann-Whitney GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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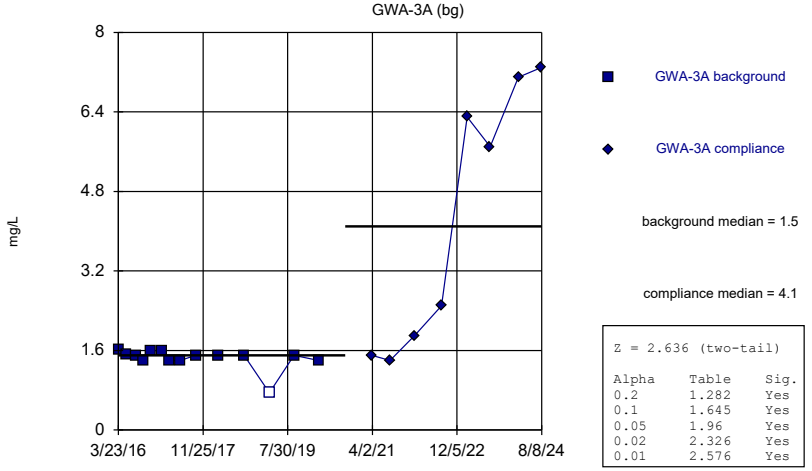
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-3A (bg)



background median = 1.5

compliance median = 4.1

Z = 2.636 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/26/2025 10:51 AM View: Mann-Whitney GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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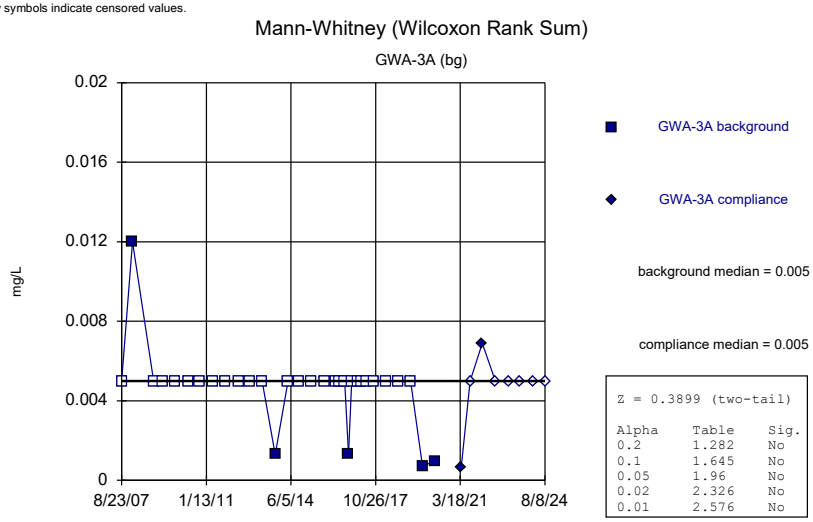
Hollow symbols indicate censored values.



Constituent: Chromium Analysis Run 6/26/2025 10:51 AM View: Mann-Whitney GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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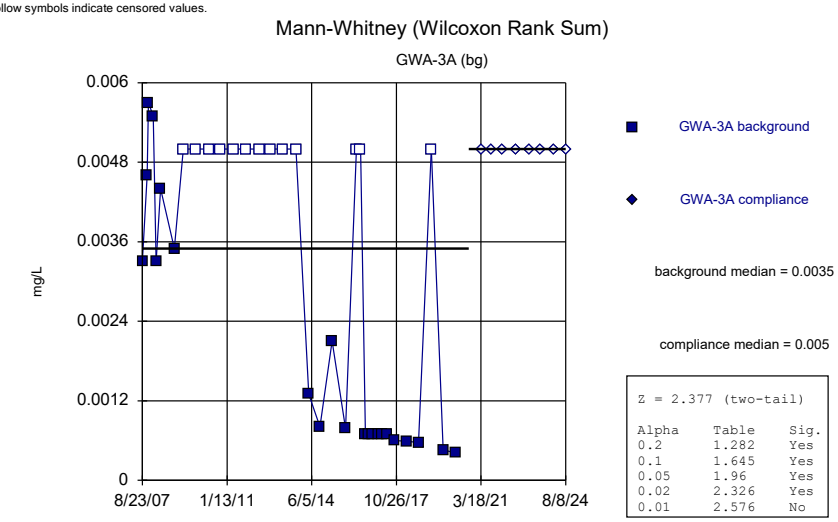
Hollow symbols indicate censored values.



Constituent: Cobalt Analysis Run 6/26/2025 10:51 AM View: Mann-Whitney GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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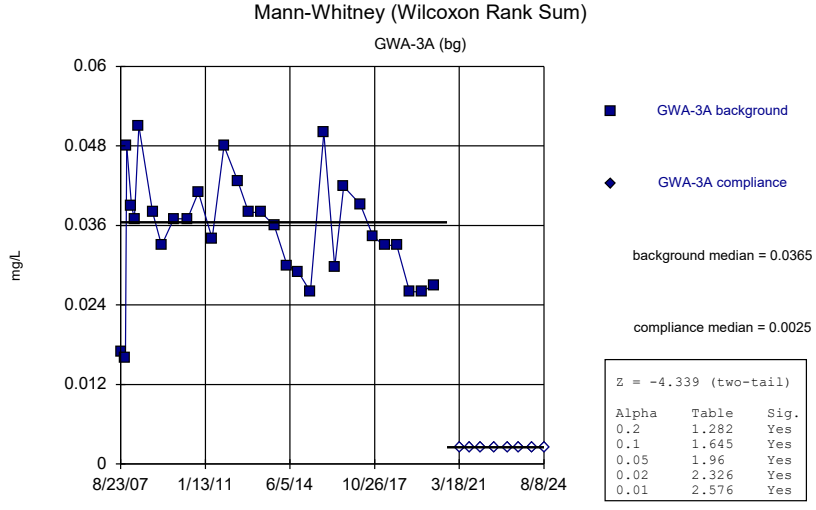
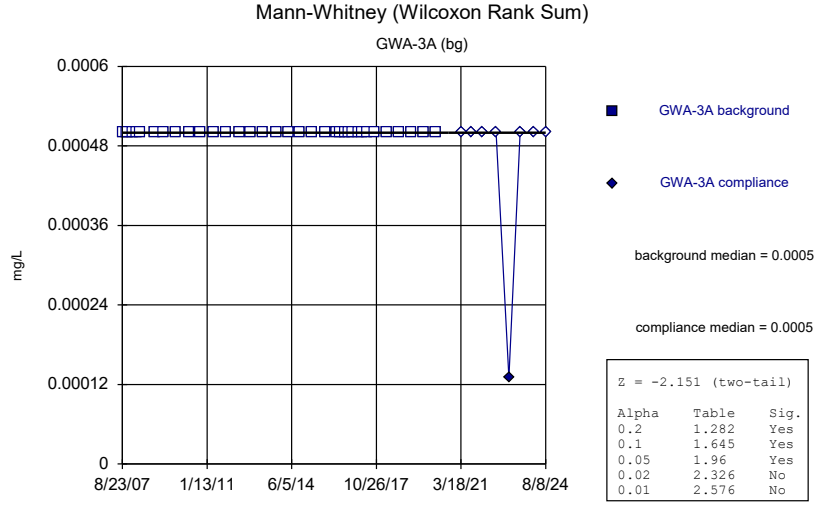
Hollow symbols indicate censored values.



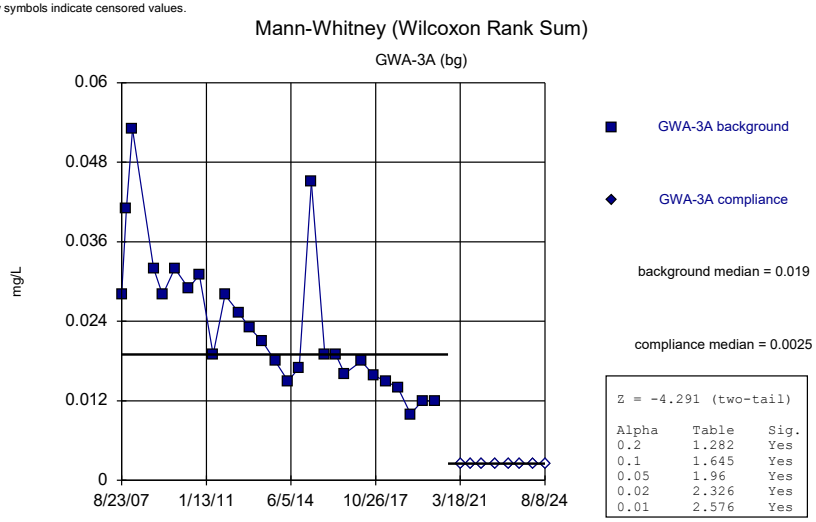
Constituent: Copper Analysis Run 6/26/2025 10:51 AM View: Mann-Whitney GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



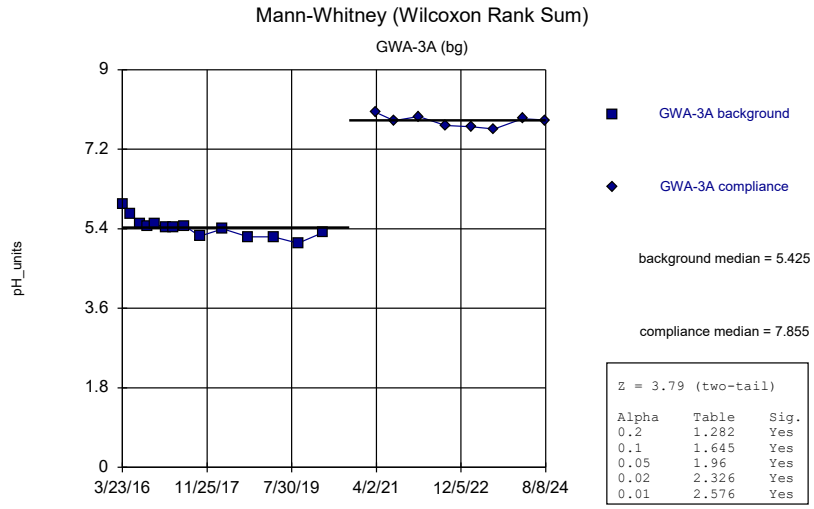
Constituent: Mercury Analysis Run 6/26/2025 10:51 AM View: Mann-Whitney GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



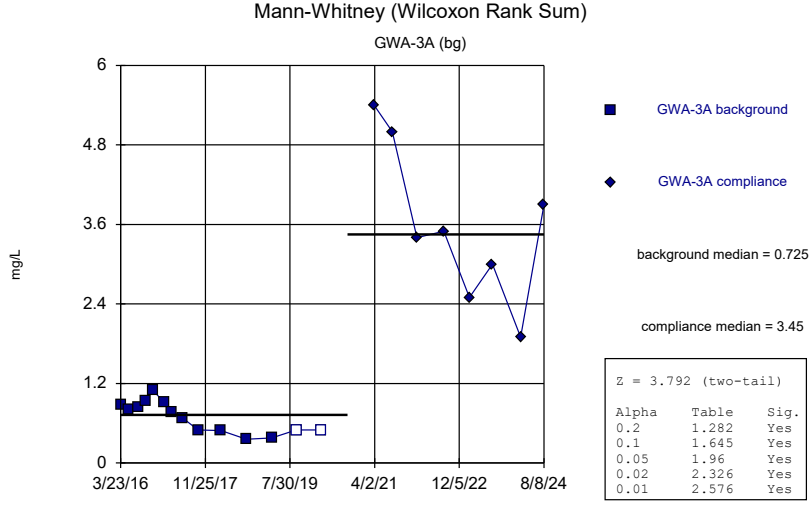
Constituent: Nickel Analysis Run 6/26/2025 10:51 AM View: Mann-Whitney GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG



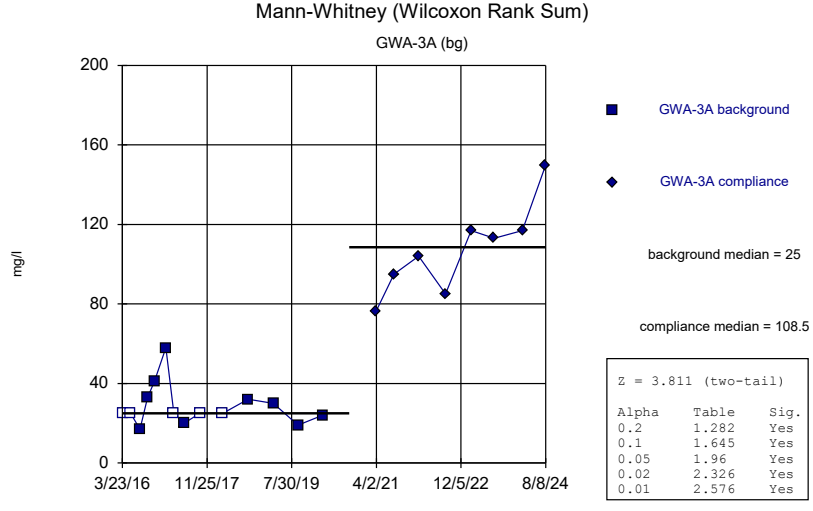
Constituent: pH Analysis Run 6/26/2025 10:51 AM View: Mann-Whitney GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Sulfate Analysis Run 6/26/2025 10:51 AM View: Mann-Whitney GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

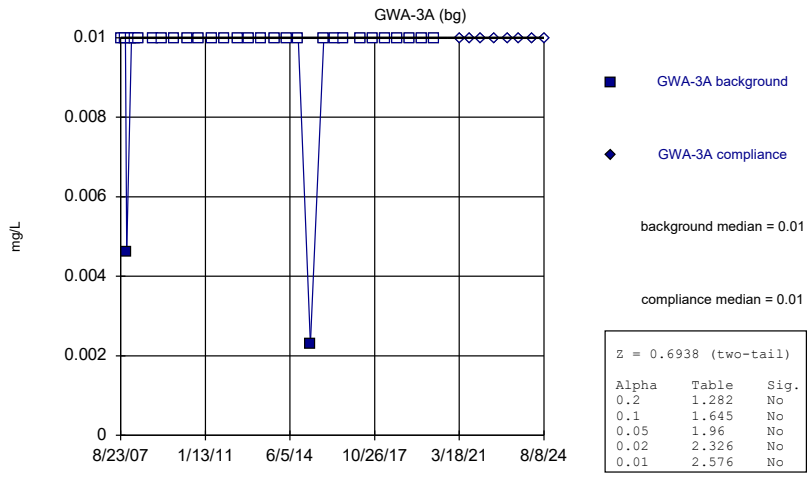
Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Total Dissolved Solids Analysis Run 6/26/2025 10:51 AM View: Mann-Whitney GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)



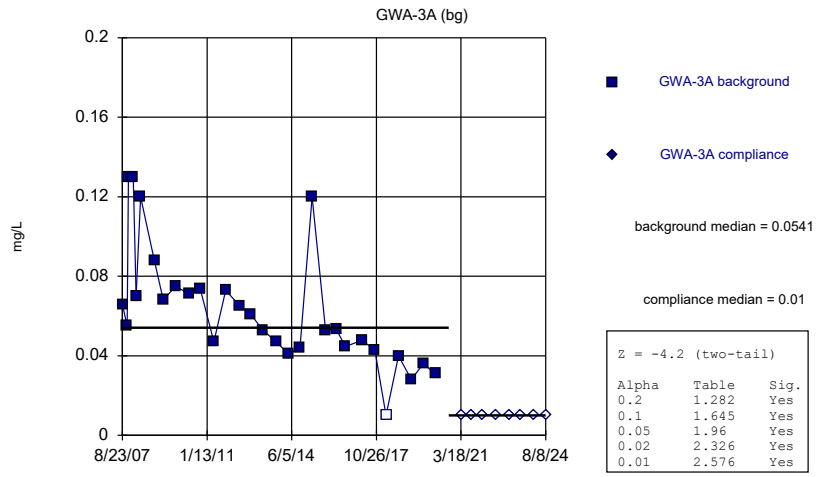
Z = 0.6938 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/26/2025 10:51 AM View: Mann-Whitney GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)



Z = -4.2 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Zinc Analysis Run 6/26/2025 10:51 AM View: Mann-Whitney GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 10:56 AM View: Mann-Whitney GWA-3A

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	<0.003	
11/2/2007	<0.003	
11/18/2007	<0.003	
1/31/2008	<0.003	
3/11/2008	<0.003	
5/14/2008	<0.003	
12/5/2008	<0.003	
4/15/2009	<0.003	
10/8/2009	<0.003	
4/28/2010	<0.003	
10/6/2010	<0.003	
4/21/2011	<0.003	
10/13/2011	<0.003	
5/1/2012	<0.003	
10/9/2012	<0.003	
4/11/2013	<0.003	
10/16/2013	<0.003	
4/23/2014	<0.003	
10/4/2014	0.0031 (J)	
3/31/2015	0.0068	
10/12/2015	<0.003	
3/23/2016	0.0035	
5/23/2016	<0.003	
7/29/2016	0.0029 (J)	
9/22/2016	0.0041	
11/10/2016	0.0048 (J)	
1/31/2017	<0.003	
3/30/2017	0.001 (J)	
6/12/2017	<0.003	
10/4/2017	0.0009 (J)	
3/19/2018	0.0019 (J)	
9/17/2018	0.0011 (J)	
3/20/2019	0.0019 (J)	
9/13/2019	0.0013 (J)	
3/11/2020	0.0045	
3/29/2021		<0.003
8/9/2021		<0.003
2/2/2022		<0.003
8/16/2022		<0.003
2/17/2023		<0.003
8/1/2023		<0.003
2/22/2024		<0.003
8/8/2024		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 10:56 AM View: Mann-Whitney GWA-3A

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	<0.005	
11/2/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	<0.005	
3/11/2008	<0.005	
5/14/2008	<0.005	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/8/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/21/2011	<0.005	
10/13/2011	<0.005	
5/1/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/23/2014	<0.005	
10/4/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/23/2016	<0.005	
5/23/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/4/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019	<0.005	
9/13/2019	<0.005	
3/11/2020	<0.005	
3/29/2021		0.001 (J)
8/9/2021		<0.005
2/2/2022		<0.005
8/16/2022		<0.005
2/17/2023		<0.005
8/1/2023		<0.005
2/22/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/26/2025 10:56 AM View: Mann-Whitney GWA-3A

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	0.015 (O)	
11/2/2007	0.017 (O)	
11/18/2007	0.019 (O)	
1/31/2008	0.011 (O)	
3/11/2008	0.016 (O)	
5/14/2008	0.013 (O)	
12/5/2008	0.021 (O)	
4/15/2009	0.012 (O)	
10/8/2009	0.011 (O)	
4/28/2010	0.0081	
10/6/2010	0.0083	
4/21/2011	0.0053	
10/13/2011	0.0071	
5/1/2012	0.0067	
10/9/2012	0.0055	
4/11/2013	0.0061	
10/16/2013	0.0062	
4/23/2014	0.0047	
10/4/2014	0.0055	
3/31/2015	0.0076	
10/12/2015	0.0049	
3/23/2016	0.00742 (J)	
5/23/2016	0.00532 (J)	
7/29/2016	0.0053 (J)	
9/22/2016	0.0058 (J)	
11/10/2016	0.0051 (J)	
1/31/2017	0.0054 (J)	
3/30/2017	0.0049 (J)	
6/12/2017	<0.01	
10/4/2017	0.0047 (J)	
3/19/2018	0.0047 (J)	
9/17/2018	0.0041 (J)	
3/20/2019	0.0042 (J)	
9/13/2019	0.0042 (J)	
3/11/2020	0.0041 (J)	
3/29/2021		0.0073
8/9/2021		0.0073
2/2/2022		0.0064
8/16/2022		0.0067
2/17/2023		0.0065
8/1/2023		0.0074
2/22/2024		0.0074
8/8/2024		0.0068

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/26/2025 10:56 AM View: Mann-Whitney GWA-3A

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
3/23/2016	1.6092	
5/23/2016	1.52	
7/29/2016	1.5	
9/22/2016	1.4	
11/10/2016	1.6	
1/31/2017	1.6	
3/30/2017	1.4	
6/12/2017	1.4	
10/4/2017	1.5	
3/19/2018	1.5	
9/17/2018	1.5	
3/20/2019	<1.5	
9/13/2019	1.5	
3/11/2020	1.4	
3/29/2021		1.5
8/9/2021		1.4
2/2/2022		1.9
8/16/2022		2.5
2/17/2023		6.3
8/1/2023		5.7
2/22/2024		7.1
8/8/2024		7.3

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 10:56 AM View: Mann-Whitney GWA-3A

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	<0.005	
11/2/2007	0.027 (O)	
11/18/2007	0.17 (O)	
1/31/2008	0.012	
3/11/2008	0.063 (O)	
5/14/2008	0.057 (O)	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/8/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/21/2011	<0.005	
10/13/2011	<0.005	
5/1/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	0.0013	
4/23/2014	<0.005	
10/4/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/23/2016	<0.005	
5/23/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	0.0013 (J)	
11/10/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/4/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019	<0.005	
9/13/2019	0.00073 (J)	
3/11/2020	0.00095 (J)	
3/29/2021		0.00062 (J)
8/9/2021		<0.005
2/2/2022		0.0069
8/16/2022		<0.005
2/17/2023		<0.005
8/1/2023		<0.005
2/22/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 10:56 AM View: Mann-Whitney GWA-3A

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	0.0033	
11/2/2007	0.0046	
11/18/2007	0.0057	
1/31/2008	0.0055	
3/11/2008	0.0033	
5/14/2008	0.0044	
12/5/2008	0.0035	
4/15/2009	<0.005	
10/8/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/21/2011	<0.005	
10/13/2011	<0.005	
5/1/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/23/2014	0.0013 (J)	
10/4/2014	0.00081 (J)	
3/31/2015	0.0021	
10/12/2015	0.00078 (J)	
3/23/2016	<0.005	
5/23/2016	<0.005	
7/29/2016	0.0007 (J)	
9/22/2016	0.0007 (J)	
11/10/2016	0.0007 (J)	
1/31/2017	0.0007 (J)	
3/30/2017	0.0007 (J)	
6/12/2017	0.0007 (J)	
10/4/2017	0.0006 (J)	
3/19/2018	0.00059 (J)	
9/17/2018	0.00057 (J)	
3/20/2019	<0.005	
9/13/2019	0.00046 (J)	
3/11/2020	0.00041 (J)	
3/29/2021		<0.005
8/9/2021		<0.005
2/2/2022		<0.005
8/16/2022		<0.005
2/17/2023		<0.005
8/1/2023		<0.005
2/22/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/26/2025 10:56 AM View: Mann-Whitney GWA-3A

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	0.017	
11/2/2007	0.016	
11/18/2007	0.048	
1/31/2008	0.039	
3/11/2008	0.037	
5/14/2008	0.051	
12/5/2008	0.038	
4/15/2009	0.033	
10/8/2009	0.037	
4/28/2010	0.037	
10/6/2010	0.041	
4/21/2011	0.034	
10/13/2011	0.048	
5/1/2012	0.0427	
10/9/2012	0.038	
4/11/2013	0.038	
10/16/2013	0.036	
4/23/2014	0.03	
10/4/2014	0.029	
3/31/2015	0.026	
10/12/2015	0.05	
3/23/2016	0.0297	
7/29/2016	0.0419	
3/30/2017	0.0392	
10/4/2017	0.0343	
3/19/2018	0.033	
9/17/2018	0.033	
3/20/2019	0.026	
9/13/2019	0.026	
3/11/2020	0.027	
3/29/2021		<0.005
8/9/2021		<0.005
2/2/2022		<0.005
8/16/2022		<0.005
2/17/2023		<0.005
8/1/2023		<0.005
2/22/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 10:56 AM View: Mann-Whitney GWA-3A

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	<0.0005	
11/2/2007	<0.0005	
11/18/2007	<0.0005	
1/31/2008	<0.0005	
3/11/2008	<0.0005	
5/14/2008	<0.0005	
12/5/2008	<0.0005	
4/15/2009	<0.0005	
10/8/2009	<0.0005	
4/28/2010	<0.0005	
10/6/2010	<0.0005	
4/21/2011	<0.0005	
10/13/2011	<0.0005	
5/1/2012	<0.0005	
10/9/2012	<0.0005	
4/11/2013	<0.0005	
10/16/2013	<0.0005	
4/23/2014	<0.0005	
10/4/2014	<0.0005	
3/31/2015	<0.0005	
10/12/2015	<0.0005	
3/23/2016	<0.0005	
5/23/2016	<0.0005	
7/29/2016	<0.0005	
9/22/2016	<0.0005	
11/10/2016	<0.0005	
1/31/2017	<0.0005	
3/30/2017	<0.0005	
6/12/2017	<0.0005	
10/4/2017	<0.0005	
3/19/2018	<0.0005	
9/17/2018	<0.0005	
3/20/2019	<0.0005	
9/13/2019	<0.0005	
3/11/2020	<0.0005	
3/29/2021		<0.0005
8/9/2021		<0.0005
2/2/2022		<0.0005
8/16/2022		<0.0005
2/17/2023		0.00013 (J)
8/1/2023		<0.0005
2/22/2024		<0.0005
8/8/2024		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 10:56 AM View: Mann-Whitney GWA-3A

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	0.028	
11/2/2007	0.041	
11/18/2007	0.14 (O)	
1/31/2008	0.053	
3/11/2008	0.076 (O)	
5/14/2008	0.074 (O)	
12/5/2008	0.032	
4/15/2009	0.028	
10/8/2009	0.032	
4/28/2010	0.029	
10/6/2010	0.031	
4/21/2011	0.019	
10/13/2011	0.028	
5/1/2012	0.0253	
10/9/2012	0.023	
4/11/2013	0.021	
10/16/2013	0.018	
4/23/2014	0.015	
10/4/2014	0.017	
3/31/2015	0.045	
10/12/2015	0.019	
3/23/2016	0.019	
7/29/2016	0.0161	
3/30/2017	0.018	
10/4/2017	0.0158	
3/19/2018	0.015	
9/17/2018	0.014	
3/20/2019	0.01	
9/13/2019	0.012	
3/11/2020	0.012	
3/29/2021		<0.005
8/9/2021		<0.005
2/2/2022		<0.005
8/16/2022		<0.005
2/17/2023		<0.005
8/1/2023		<0.005
2/22/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH (pH_units) Analysis Run 6/26/2025 10:56 AM View: Mann-Whitney GWA-3A

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
3/23/2016	5.96	
5/23/2016	5.73	
7/29/2016	5.51	
9/22/2016	5.45	
11/10/2016	5.51	
1/31/2017	5.42	
3/30/2017	5.43	
6/12/2017	5.47	
10/4/2017	5.23	
3/19/2018	5.4	
9/17/2018	5.22	
3/20/2019	5.22	
9/13/2019	5.07	
3/11/2020	5.31	
3/29/2021		8.04
8/9/2021		7.85
2/2/2022		7.94
8/16/2022		7.74
2/17/2023		7.71
8/1/2023		7.66
2/22/2024		7.89
8/8/2024		7.86

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/26/2025 10:56 AM View: Mann-Whitney GWA-3A

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
3/23/2016	0.8724 (J)	
5/23/2016	0.805 (J)	
7/29/2016	0.84 (J)	
9/22/2016	0.94 (J)	
11/10/2016	1.1	
1/31/2017	0.92 (J)	
3/30/2017	0.77 (J)	
6/12/2017	0.68 (J)	
10/4/2017	0.5 (J)	
3/19/2018	0.49 (J)	
9/17/2018	0.36 (J)	
3/20/2019	0.38 (J)	
9/13/2019	<1	
3/11/2020	<1	
3/29/2021		5.4
8/9/2021		5
2/2/2022		3.4
8/16/2022		3.5
2/17/2023		2.5
8/1/2023		3
2/22/2024		1.9
8/8/2024		3.9

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Total Dissolved Solids (mg/l) Analysis Run 6/26/2025 10:56 AM View: Mann-Whitney GWA-3A

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
3/23/2016	<25	
5/23/2016	<25	
7/29/2016	17 (J)	
9/22/2016	33	
11/10/2016	41	
1/31/2017	58	
3/30/2017	<25	
6/12/2017	20 (J)	
10/4/2017	<25	
3/19/2018	<25	
9/17/2018	32	
3/20/2019	30	
9/13/2019	19	
3/11/2020	24	
3/29/2021		76
8/9/2021		95
2/2/2022		104
8/16/2022		85
2/17/2023		117 (J)
8/1/2023		113
2/22/2024		117
8/8/2024		150

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 10:56 AM View: Mann-Whitney GWA-3A

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	<0.01	
11/2/2007	<0.01	
11/18/2007	0.0046	
1/31/2008	<0.01	
3/11/2008	<0.01	
5/14/2008	<0.01	
12/5/2008	<0.01	
4/15/2009	<0.01	
10/8/2009	<0.01	
4/28/2010	<0.01	
10/6/2010	<0.01	
4/21/2011	<0.01	
10/13/2011	<0.01	
5/1/2012	<0.01	
10/9/2012	<0.01	
4/11/2013	<0.01	
10/16/2013	<0.01	
4/23/2014	<0.01	
10/4/2014	<0.01	
3/31/2015	0.0023 (J)	
10/12/2015	<0.01	
3/23/2016	<0.01	
7/29/2016	<0.01	
3/30/2017	<0.01	
10/4/2017	<0.01	
3/19/2018	<0.01	
9/17/2018	<0.01	
3/20/2019	<0.01	
9/13/2019	<0.01	
3/11/2020	<0.01	
3/29/2021		<0.01
8/9/2021		<0.01
2/2/2022		<0.01
8/16/2022		<0.01
2/17/2023		<0.01
8/1/2023		<0.01
2/22/2024		<0.01
8/8/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 10:56 AM View: Mann-Whitney GWA-3A

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	0.066	
11/2/2007	0.055	
11/18/2007	0.13	
1/31/2008	0.13	
3/11/2008	0.07	
5/14/2008	0.12	
12/5/2008	0.088	
4/15/2009	0.068	
10/8/2009	0.075	
4/28/2010	0.071	
10/6/2010	0.074	
4/21/2011	0.047	
10/13/2011	0.073	
5/1/2012	0.0652	
10/9/2012	0.061	
4/11/2013	0.053	
10/16/2013	0.047	
4/23/2014	0.041	
10/4/2014	0.044 (V)	
3/31/2015	0.12	
10/12/2015	0.053	
3/23/2016	0.0532	
7/29/2016	0.0446	
3/30/2017	0.0479	
10/4/2017	0.0429	
3/19/2018	<0.02	
9/17/2018	0.04	
3/20/2019	0.028	
9/13/2019	0.036	
3/11/2020	0.031	
3/29/2021		<0.02
8/9/2021		<0.02
2/2/2022		<0.02
8/16/2022		<0.02
2/17/2023		<0.02
8/1/2023		<0.02
2/22/2024		<0.02
8/8/2024		<0.02

ND substitution: RL or RL/2 if <15% NDs.

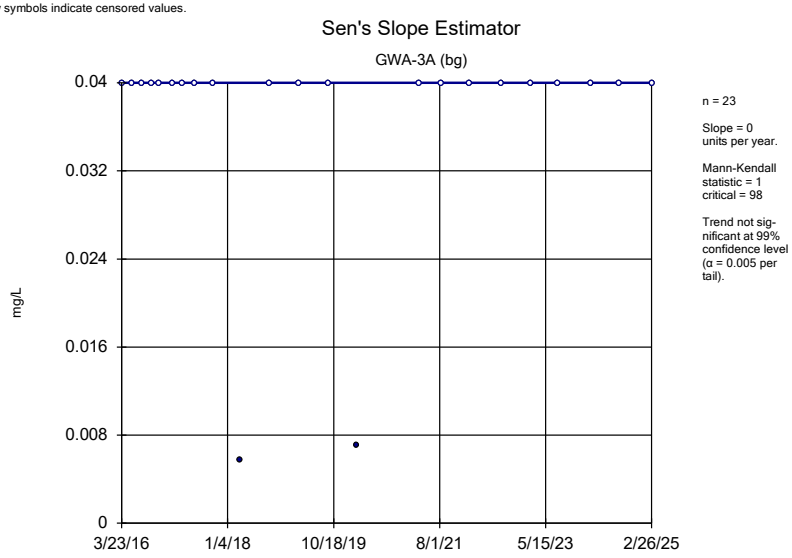
FIGURE E.

Trend Tests - Upgradient Well GWA-3A - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/19/2025, 5:26 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	GWA-3A (bg)	0	1	98	No	23	91.3	n/a	0.01	NP
Calcium (mg/L)	GWA-3A (bg)	2.18	91	98	No	23	0	n/a	0.01	NP
Fluoride (mg/L)	GWA-3A (bg)	0	-55	-98	No	23	78.26	n/a	0.01	NP

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Boron Analysis Run 5/19/2025 5:25 PM View: Trend Tests - GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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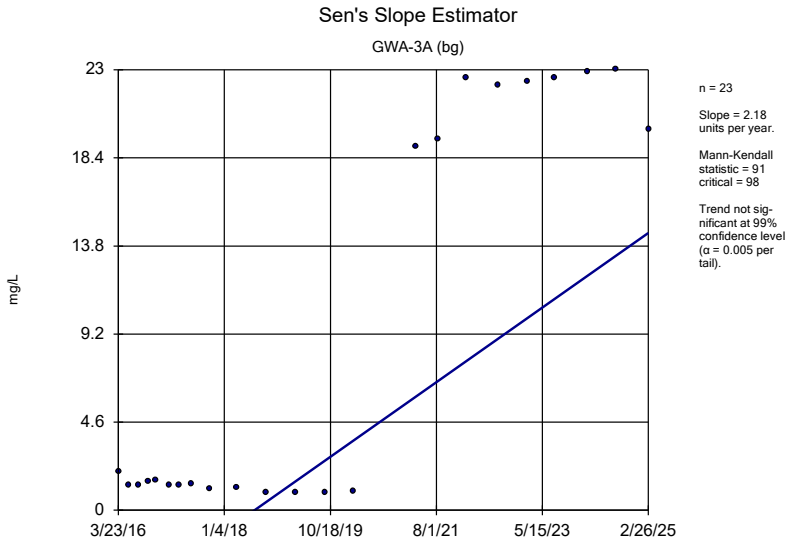
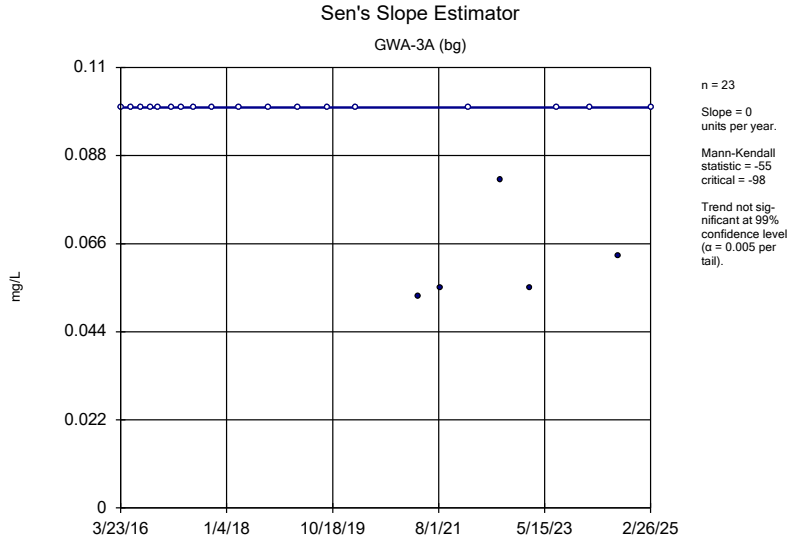


Constituent: Calcium Analysis Run 5/19/2025 5:25 PM View: Trend Tests - GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Fluoride Analysis Run 5/19/2025 5:25 PM View: Trend Tests - GWA-3A
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

FIGURE F.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 11:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	**GWA-41R**	**0.0045**	**n/a**	**2/25/2025**	**0.0089**	**Yes**	**21**	**n/a**	**n/a**	**52.38**	**n/a**	**n/a**	**0.003999**	**NP Intra (NDs) 1 of 2**
Barium (mg/L)	**GWA-42**	**0.006939**	**n/a**	**2/25/2025**	**0.0071**	**Yes**	**21**	**0.006286**	**0.000247**	**0**	**None**	**No**	**0.0002195**	**Param Intra 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 11:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-1	0.017	n/a	2/27/2025	0.00062J	No	42	n/a	n/a	38.1	n/a	n/a	0.001077	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-2R	0.011	n/a	2/27/2025	0.0042	No	41	n/a	n/a	41.46	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-39RZ	0.008096	n/a	2/26/2025	0.0022J	No	19	0.002291	0.002147	26.32	Kaplan-Meier	No	0.0002195	Param Intra 1 of 2
Antimony (mg/L)	GWA-39Z	0.0039	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	33.33	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Antimony (mg/L)	GWA-3A	0.0068	n/a	2/26/2025	0.003ND	No	41	n/a	n/a	68.29	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-40	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-41	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	**GWA-41R**	**0.0045**	**n/a**	**2/25/2025**	**0.0089**	**Yes**	**21**	**n/a**	**n/a**	**52.38**	**n/a**	**n/a**	**0.003999**	**NP Intra (NDs) 1 of 2**
Antimony (mg/L)	GWA-42	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-43	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-43R	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-4RZ	0.003	n/a	2/28/2025	0.003ND	No	21	n/a	n/a	52.38	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-50	0.003	n/a	2/27/2025	0.003ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-50R	0.003	n/a	2/28/2025	0.003ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-16R	0.02489	n/a	2/25/2025	0.013	No	30	0.008342	0.006685	33.33	Kaplan-Meier	No	0.0002195	Param Intra 1 of 2
Antimony (mg/L)	GWC-17R	0.0033	n/a	2/25/2025	0.003ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.003	n/a	2/20/2025	0.003ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18R	0.003	n/a	2/19/2025	0.003ND	No	30	n/a	n/a	73.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19R	0.003	n/a	2/20/2025	0.003ND	No	30	n/a	n/a	100	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-20R	0.003	n/a	2/20/2025	0.003ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-21R	0.008764	n/a	2/25/2025	0.00093J	No	30	0.003977	0.001934	33.33	Kaplan-Meier	No	0.0002195	Param Intra 1 of 2
Antimony (mg/L)	GWC-22R	0.003	n/a	2/20/2025	0.001J	No	30	n/a	n/a	100	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-23R	0.003	n/a	2/25/2025	0.003ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-24R	0.005	n/a	2/24/2025	0.0013J	No	27	n/a	n/a	62.96	n/a	n/a	0.002502	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-25R	0.003	n/a	2/25/2025	0.003ND	No	29	n/a	n/a	75.86	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-36RA	0.003	n/a	2/19/2025	0.003ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-37	0.004388	n/a	2/19/2025	0.003ND	No	30	0.002096	0.0009259	33.33	Kaplan-Meier	No	0.0002195	Param Intra 1 of 2
Arsenic (mg/L)	GWA-1	0.005	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	90.48	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2	0.005	n/a	2/27/2025	0.005ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-2R	0.0056	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	69.05	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-39RZ	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	70	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-39Z	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-3A	0.005	n/a	2/26/2025	0.005ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-40	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-41	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-42	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	100	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-43R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-4RZ	0.005	n/a	2/28/2025	0.005ND	No	21	n/a	n/a	33.33	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-16R	0.005	n/a	2/25/2025	0.005ND	No	29	n/a	n/a	62.07	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-17R	0.0053	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	2/20/2025	0.005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-18R	0.005	n/a	2/19/2025	0.005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-19R	0.005	n/a	2/20/2025	0.005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-20R	0.005	n/a	2/20/2025	0.005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-21R	0.0071	n/a	2/25/2025	0.005ND	No	29	n/a	n/a	48.28	n/a	n/a	0.002172	NP Intra (normality) 1 of 2
Arsenic (mg/L)	GWC-22R	0.005	n/a	2/20/2025	0.0016J	No	30	n/a	n/a	56.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-23R	0.006	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	76.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-24R	0.005	n/a	2/24/2025	0.005ND	No	30	n/a	n/a	73.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-25R	0.005	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-36RA	0.005	n/a	2/19/2025	0.005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-37	0.005	n/a	2/19/2025	0.005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-38	0.0062	n/a	2/19/2025	0.005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-1	0.04	n/a	2/27/2025	0.017	No	41	n/a	n/a	0	n/a	n/a	0.001118	NP Intra (normality) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 11:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWA-2	0.04853	n/a	2/27/2025	0.024	No	40	0.02121	0.01142	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-2R	0.04407	n/a	2/27/2025	0.028	No	40	-4.448	0.5541	0	None	ln(x)	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-39RZ	0.02494	n/a	2/26/2025	0.016	No	20	0.1247	0.01249	0	None	sqrt(x)	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-39Z	0.03458	n/a	2/25/2025	0.019	No	21	0.01414	0.007741	4.762	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-3A	0.008897	n/a	2/26/2025	0.0075	No	32	0.00587	0.001232	3.125	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-40	0.01194	n/a	2/25/2025	0.0083	No	21	0.008568	0.001278	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-41	0.03585	n/a	2/25/2025	0.019	No	21	0.02503	0.004095	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-41R	0.05084	n/a	2/25/2025	0.037	No	21	0.02499	0.009788	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	**GWA-42**	**0.006939**	**n/a**	**2/25/2025**	**0.0071**	**Yes**	**21**	**0.006286**	**0.000247**	**0**	**None**	**No**	**0.0002195**	**Param Intra 1 of 2**
Barium (mg/L)	GWA-43	0.04499	n/a	2/25/2025	0.01	No	21	0.1364	0.02867	0	None	sqrt(x)	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-43R	0.009439	n/a	2/25/2025	0.0074	No	21	0.00766	0.000674	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-4RZ	0.06173	n/a	2/28/2025	0.043	No	21	0.03528	0.01002	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-50	0.0167	n/a	2/27/2025	0.0074	No	35	0.009291	0.003053	2.857	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWA-50R	0.02216	n/a	2/28/2025	0.0081	No	33	0.0134	0.003582	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-16R	0.0734	n/a	2/25/2025	0.039	No	30	0.04705	0.01064	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-17R	0.02182	n/a	2/25/2025	0.019	No	29	0.01936	0.0009905	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.04987	n/a	2/20/2025	0.014	No	29	0.02637	0.009437	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-18R	0.017	n/a	2/19/2025	0.014	No	27	n/a	n/a	3.704	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-19R	0.01839	n/a	2/20/2025	0.016	No	29	0.01577	0.001052	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-20R	0.03578	n/a	2/20/2025	0.033	No	30	0.02988	0.002386	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-21R	0.04143	n/a	2/25/2025	0.024	No	30	0.02575	0.006335	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-22R	0.06946	n/a	2/20/2025	0.042	No	30	0.04032	0.01178	3.333	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-23R	0.04462	n/a	2/25/2025	0.023	No	30	0.0278	0.006798	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-24R	0.03249	n/a	2/24/2025	0.016	No	29	0.02205	0.004194	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-25R	0.01781	n/a	2/25/2025	0.015	No	30	0.01568	0.0008607	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-36RA	0.04282	n/a	2/19/2025	0.036	No	30	0.0249	0.007239	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-37	0.0136	n/a	2/19/2025	0.0038J	No	30	0.00716	0.002604	0	None	No	0.0002195	Param Intra 1 of 2
Barium (mg/L)	GWC-38	0.01694	n/a	2/19/2025	0.014	No	29	-4.387	0.1243	0	None	ln(x)	0.0002195	Param Intra 1 of 2
Beryllium (mg/L)	GWA-1	0.003	n/a	2/27/2025	0.003ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-39RZ	0.003	n/a	2/26/2025	0.003ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-41R	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-42	0.0015	n/a	2/25/2025	0.0015ND	No	21	n/a	n/a	9.524	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWA-43	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-43R	0.003	n/a	2/25/2025	0.003ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-50R	0.003	n/a	2/28/2025	0.003ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-18	0.003	n/a	2/20/2025	0.003ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-18R	0.003	n/a	2/19/2025	0.003ND	No	30	n/a	n/a	70	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-19R	0.003	n/a	2/20/2025	0.003ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-20R	0.003	n/a	2/20/2025	0.003ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-36RA	0.0032	n/a	2/19/2025	0.003ND	No	30	n/a	n/a	50	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Beryllium (mg/L)	GWC-37	0.003	n/a	2/19/2025	0.003ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-38	0.003	n/a	2/19/2025	0.003ND	No	30	n/a	n/a	80	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-1	0.00076	n/a	2/27/2025	0.0005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-39RZ	0.0005	n/a	2/26/2025	0.0005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-39Z	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-42	0.0003516	n/a	2/25/2025	0.00016J	No	21	0.01242	0.002396	14.29	None	sqrt(x)	0.0002195	Param Intra 1 of 2
Cadmium (mg/L)	GWA-43	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-50	0.0005	n/a	2/27/2025	0.0005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-18	0.0005	n/a	2/20/2025	0.0005ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-21R	0.0005	n/a	2/25/2025	0.0005ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-22R	0.0005	n/a	2/20/2025	0.0005ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-25R	0.0005	n/a	2/25/2025	0.0005ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-36RA	0.001	n/a	2/19/2025	0.0005ND	No	30	n/a	n/a	36.67	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Cadmium (mg/L)	GWC-37	0.0005	n/a	2/19/2025	0.0005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-38	0.0005	n/a	2/19/2025	0.0005ND	No	30	n/a	n/a	80	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 11:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWA-1	0.012	n/a	2/27/2025	0.005ND	No	39	n/a	n/a	76.92	n/a	n/a	0.001226	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2	0.009	n/a	2/27/2025	0.005ND	No	39	n/a	n/a	69.23	n/a	n/a	0.001226	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-2R	0.012	n/a	2/27/2025	0.005ND	No	41	n/a	n/a	85.37	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-39RZ	0.005	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	50	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-39Z	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-3A	0.012	n/a	2/26/2025	0.005ND	No	37	n/a	n/a	81.08	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-40	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-41	0.015	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-42	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-43R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	47.62	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-50	0.005	n/a	2/27/2025	0.005ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-50R	0.005	n/a	2/28/2025	0.005ND	No	36	n/a	n/a	72.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-16R	0.005	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	56.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-17R	0.005	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.004785	n/a	2/20/2025	0.0025ND	No	28	0.002387	0.0009572	10.71	None	No	0.0002195	Param Intra 1 of 2
Chromium (mg/L)	GWC-18R	0.008	n/a	2/19/2025	0.005ND	No	26	n/a	n/a	65.38	n/a	n/a	0.002667	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-19R	0.005	n/a	2/20/2025	0.005ND	No	30	n/a	n/a	70	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-20R	0.005	n/a	2/20/2025	0.005ND	No	30	n/a	n/a	66.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-21R	0.0067	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	56.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-22R	0.005	n/a	2/20/2025	0.005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-23R	0.005	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	73.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-24R	0.005	n/a	2/24/2025	0.005ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-25R	0.005	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	73.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-36RA	0.005	n/a	2/19/2025	0.005ND	No	30	n/a	n/a	66.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-37	0.005	n/a	2/19/2025	0.005ND	No	29	n/a	n/a	86.21	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-38	0.005	n/a	2/19/2025	0.0034J	No	30	n/a	n/a	23.33	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-1	0.005	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	80.95	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2	0.013	n/a	2/27/2025	0.005ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-2R	0.005	n/a	2/27/2025	0.005ND	No	41	n/a	n/a	87.8	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-39RZ	0.0057	n/a	2/26/2025	0.005ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-39Z	0.008476	n/a	2/25/2025	0.005ND	No	21	0.1154	0.03352	42.86	Kaplan-Meier	x^(1/3)	0.0002195	Param Intra 1 of 2
Cobalt (mg/L)	GWA-3A	0.0057	n/a	2/26/2025	0.005ND	No	41	n/a	n/a	46.34	n/a	n/a	0.001118	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	76.19	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-42	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-4RZ	0.02856	n/a	2/28/2025	0.019	No	21	0.01137	0.00651	4.762	None	No	0.0002195	Param Intra 1 of 2
Cobalt (mg/L)	GWA-50R	0.005	n/a	2/28/2025	0.005ND	No	36	n/a	n/a	83.33	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-16R	0.005	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	33.33	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-18	0.005	n/a	2/20/2025	0.005ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-18R	0.005	n/a	2/19/2025	0.005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-21R	0.0183	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	66.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-22R	0.005	n/a	2/20/2025	0.005ND	No	30	n/a	n/a	66.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-23R	0.005	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-25R	0.005	n/a	2/25/2025	0.005ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-36RA	0.005	n/a	2/19/2025	0.005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-37	0.005	n/a	2/19/2025	0.005ND	No	30	n/a	n/a	70	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-38	0.003166	n/a	2/19/2025	0.0032J	No	26	0.03814	0.00715	0	None	sqrt(x)	0.0002195	Param Intra 1 of 2
Copper (mg/L)	GWA-1	0.0094	n/a	2/27/2025	0.005ND	No	37	n/a	n/a	64.86	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2	0.013	n/a	2/27/2025	0.005ND	No	37	n/a	n/a	72.97	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-2R	0.013	n/a	2/27/2025	0.005ND	No	37	n/a	n/a	59.46	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-39RZ	0.011	n/a	2/26/2025	0.005ND	No	15	n/a	n/a	86.67	n/a	n/a	0.007533	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-39Z	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-3A	0.005	n/a	2/26/2025	0.005ND	No	8	n/a	n/a	100	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 11:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Copper (mg/L)	GWA-40	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-41	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.0035J	No	20	n/a	n/a	55	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-42	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-43R	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-4RZ	0.005	n/a	2/28/2025	0.005ND	No	14	n/a	n/a	78.57	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-50	0.02216	n/a	2/27/2025	0.0017J	No	31	0.1702	0.04492	12.9	None	x^(1/3)	0.0002195	Param Intra 1 of 2
Copper (mg/L)	GWA-50R	0.014	n/a	2/28/2025	0.004J	No	20	n/a	n/a	0	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Copper (mg/L)	GWC-16R	0.004711	n/a	2/25/2025	0.005ND	No	25	-6.455	0.43	24	Kaplan-Meier	ln(x)	0.0002195	Param Intra 1 of 2
Copper (mg/L)	GWC-17R	0.0124	n/a	2/25/2025	0.005ND	No	25	n/a	n/a	60	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.005	n/a	2/20/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18R	0.005	n/a	2/19/2025	0.005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-19R	0.005	n/a	2/20/2025	0.005ND	No	25	n/a	n/a	88	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20R	0.005	n/a	2/20/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-21R	0.01	n/a	2/25/2025	0.005ND	No	25	n/a	n/a	52	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-22R	0.005	n/a	2/20/2025	0.005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-23R	0.005	n/a	2/25/2025	0.005ND	No	25	n/a	n/a	68	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-24R	0.005	n/a	2/24/2025	0.0013J	No	25	n/a	n/a	76	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-25R	0.005	n/a	2/25/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-36RA	0.005	n/a	2/19/2025	0.005ND	No	25	n/a	n/a	76	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-37	0.02257	n/a	2/19/2025	0.016	No	20	0.01043	0.004558	5	None	No	0.0002195	Param Intra 1 of 2
Copper (mg/L)	GWC-38	0.005	n/a	2/19/2025	0.005ND	No	25	n/a	n/a	68	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-1	0.0028	n/a	2/27/2025	0.001ND	No	42	n/a	n/a	80.95	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2	0.002536	n/a	2/27/2025	0.001ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-2R	0.001	n/a	2/27/2025	0.001ND	No	42	n/a	n/a	92.86	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-39RZ	0.0011	n/a	2/26/2025	0.001ND	No	20	n/a	n/a	70	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-39Z	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-40	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	80.95	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-41	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-41R	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	71.43	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-42	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-43	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-43R	0.0038	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	66.67	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-4RZ	0.001	n/a	2/28/2025	0.001ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-50	0.001	n/a	2/27/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-50R	0.0012	n/a	2/28/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-16R	0.001	n/a	2/25/2025	0.001ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-17R	0.001	n/a	2/25/2025	0.001ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/20/2025	0.001ND	No	30	n/a	n/a	70	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18R	0.001	n/a	2/19/2025	0.001ND	No	30	n/a	n/a	73.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19R	0.001	n/a	2/20/2025	0.00026J	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-21R	0.0016	n/a	2/25/2025	0.001ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-22R	0.001	n/a	2/20/2025	0.001ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-23R	0.001	n/a	2/25/2025	0.001ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-24R	0.001	n/a	2/24/2025	0.001ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-25R	0.001	n/a	2/25/2025	0.001ND	No	30	n/a	n/a	76.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-36RA	0.001	n/a	2/19/2025	0.001ND	No	29	n/a	n/a	72.41	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-37	0.001	n/a	2/19/2025	0.001ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-38	0.0047	n/a	2/19/2025	0.001ND	No	30	n/a	n/a	80	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-1	0.0005	n/a	2/27/2025	0.0005ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-2	0.0005	n/a	2/27/2025	0.0005ND	No	42	n/a	n/a	95.24	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-39RZ	0.0005	n/a	2/26/2025	0.0005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-39Z	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-3A	0.0005	n/a	2/26/2025	0.0005ND	No	41	n/a	n/a	97.56	n/a	n/a	0.001118	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 11:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	GWA-40	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-41	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-41R	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-42	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	85.71	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-43R	0.0005	n/a	2/25/2025	0.0005ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-4RZ	0.0005	n/a	2/28/2025	0.0005ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-50	0.0005	n/a	2/27/2025	0.0005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-16R	0.0005	n/a	2/25/2025	0.0005ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-17R	0.0005	n/a	2/25/2025	0.0005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0005	n/a	2/20/2025	0.0005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18R	0.0005	n/a	2/19/2025	0.0005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19R	0.0005	n/a	2/20/2025	0.0005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20R	0.0005	n/a	2/20/2025	0.0005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-21R	0.0005	n/a	2/25/2025	0.0005ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-22R	0.0005	n/a	2/20/2025	0.0005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-23R	0.0005	n/a	2/25/2025	0.0005ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-24R	0.0005	n/a	2/24/2025	0.0005ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-25R	0.0005	n/a	2/25/2025	0.0005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-36RA	0.0005	n/a	2/19/2025	0.0005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-37	0.0005	n/a	2/19/2025	0.0005ND	No	30	n/a	n/a	86.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-38	0.0005	n/a	2/19/2025	0.0005ND	No	30	n/a	n/a	83.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-1	0.024	n/a	2/27/2025	0.005ND	No	36	n/a	n/a	75	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2	0.02	n/a	2/27/2025	0.005ND	No	35	n/a	n/a	71.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-2R	0.0093	n/a	2/27/2025	0.005ND	No	36	n/a	n/a	80.56	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-39RZ	0.0224	n/a	2/26/2025	0.005ND	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-39Z	0.0149	n/a	2/25/2025	0.005ND	No	19	n/a	n/a	36.84	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-3A	0.005	n/a	2/26/2025	0.005ND	No	8	n/a	n/a	100	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-41	0.0089	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-41R	0.005	n/a	2/25/2025	0.0016J	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-42	0.0025	n/a	2/25/2025	0.0015J	No	20	n/a	n/a	10	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-43	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	45	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-43R	0.005	n/a	2/25/2025	0.005ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-4RZ	0.005	n/a	2/28/2025	0.005ND	No	14	n/a	n/a	85.71	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-50	0.005	n/a	2/27/2025	0.005ND	No	31	n/a	n/a	41.94	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWA-50R	0.004749	n/a	2/28/2025	0.0025ND	No	20	0.04065	0.01061	5	None	sqrt(x)	0.0002195	Param Intra 1 of 2
Nickel (mg/L)	GWC-16R	0.02834	n/a	2/25/2025	0.0097	No	21	0.09934	0.02613	4.762	None	sqrt(x)	0.0002195	Param Intra 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	2/20/2025	0.005ND	No	25	n/a	n/a	76	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19R	0.005	n/a	2/20/2025	0.005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-21R	0.005	n/a	2/25/2025	0.005ND	No	24	n/a	n/a	29.17	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-22R	0.005	n/a	2/20/2025	0.005ND	No	25	n/a	n/a	80	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-23R	0.005	n/a	2/25/2025	0.005ND	No	25	n/a	n/a	84	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-24R	0.005	n/a	2/24/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-25R	0.005	n/a	2/25/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-36RA	0.01	n/a	2/19/2025	0.005ND	No	25	n/a	n/a	64	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-37	0.02666	n/a	2/19/2025	0.017	No	25	0.01283	0.005423	4	None	No	0.0002195	Param Intra 1 of 2
Nickel (mg/L)	GWC-38	0.017	n/a	2/19/2025	0.0014J	No	25	n/a	n/a	20	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Selenium (mg/L)	GWA-2	0.01	n/a	2/27/2025	0.01ND	No	42	n/a	n/a	85.71	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-2R	0.01	n/a	2/27/2025	0.01ND	No	42	n/a	n/a	97.62	n/a	n/a	0.001077	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-43	0.01	n/a	2/25/2025	0.01ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-23R	0.01	n/a	2/25/2025	0.01ND	No	30	n/a	n/a	96.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-39RZ	0.005	n/a	2/26/2025	0.005ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-50	0.005	n/a	2/27/2025	0.00061J	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWA-50R	0.004163	n/a	2/28/2025	0.0016J	No	31	0.001858	0.0009348	25.81	Kaplan-Meier	No	0.0002195	Param Intra 1 of 2
Silver (mg/L)	GWC-16R	0.005	n/a	2/25/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-17R	0.005	n/a	2/25/2025	0.005ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 11:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Silver (mg/L)	GWC-18R	0.005	n/a	2/19/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Silver (mg/L)	GWC-38	0.005	n/a	2/19/2025	0.005ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-2R	0.001	n/a	2/27/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-39RZ	0.001	n/a	2/26/2025	0.001ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-39Z	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-40	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	95.24	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-41R	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-42	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-43	0.001	n/a	2/25/2025	0.001ND	No	21	n/a	n/a	90.48	n/a	n/a	0.003999	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-50R	0.001	n/a	2/28/2025	0.001ND	No	22	n/a	n/a	95.45	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-16R	0.001031	n/a	2/25/2025	0.00023J	No	30	0.06016	0.01651	36.67	Kaplan-Meier	x^(1/3)	0.0002195	Param Intra 1 of 2
Thallium (mg/L)	GWC-18	0.001	n/a	2/20/2025	0.001ND	No	30	n/a	n/a	56.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-20R	0.001	n/a	2/20/2025	0.001ND	No	30	n/a	n/a	63.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-21R	0.001	n/a	2/25/2025	0.00028J	No	30	n/a	n/a	40	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Thallium (mg/L)	GWC-22R	0.001	n/a	2/20/2025	0.001ND	No	30	n/a	n/a	53.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-23R	0.001	n/a	2/25/2025	0.00022J	No	28	n/a	n/a	42.86	n/a	n/a	0.002337	NP Intra (normality) 1 of 2
Thallium (mg/L)	GWC-36RA	0.001	n/a	2/19/2025	0.001ND	No	29	n/a	n/a	93.1	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-1	0.01	n/a	2/27/2025	0.01ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2	0.01	n/a	2/27/2025	0.01ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-2R	0.01	n/a	2/27/2025	0.01ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-39RZ	0.01	n/a	2/26/2025	0.01ND	No	16	n/a	n/a	93.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-3A	0.01	n/a	2/26/2025	0.01ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-41R	0.01	n/a	2/25/2025	0.01ND	No	20	n/a	n/a	100	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-42	0.01	n/a	2/25/2025	0.01ND	No	20	n/a	n/a	100	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-43	0.01	n/a	2/25/2025	0.01ND	No	20	n/a	n/a	95	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-43R	0.01	n/a	2/25/2025	0.01ND	No	20	n/a	n/a	90	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-4RZ	0.01	n/a	2/28/2025	0.01ND	No	14	n/a	n/a	92.86	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-50R	0.01	n/a	2/28/2025	0.01ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-16R	0.01	n/a	2/25/2025	0.01ND	No	25	n/a	n/a	56	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-17R	0.01	n/a	2/25/2025	0.01ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01	n/a	2/20/2025	0.01ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18R	0.01	n/a	2/19/2025	0.01ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-19R	0.01	n/a	2/20/2025	0.01ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-20R	0.01	n/a	2/20/2025	0.01ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-21R	0.01	n/a	2/25/2025	0.01ND	No	25	n/a	n/a	92	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-22R	0.01	n/a	2/20/2025	0.01ND	No	25	n/a	n/a	96	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-23R	0.01	n/a	2/25/2025	0.01ND	No	25	n/a	n/a	80	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-24R	0.01	n/a	2/24/2025	0.01ND	No	25	n/a	n/a	76	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-25R	0.01	n/a	2/25/2025	0.01ND	No	25	n/a	n/a	100	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-36RA	0.01	n/a	2/19/2025	0.01ND	No	25	n/a	n/a	80	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-37	0.01	n/a	2/19/2025	0.01ND	No	25	n/a	n/a	88	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-38	0.01	n/a	2/19/2025	0.01ND	No	25	n/a	n/a	72	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-1	0.02	n/a	2/27/2025	0.02ND	No	34	n/a	n/a	41.18	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-2	0.027	n/a	2/27/2025	0.02ND	No	35	n/a	n/a	54.29	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-2R	0.02	n/a	2/27/2025	0.02ND	No	36	n/a	n/a	55.56	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-39RZ	0.02	n/a	2/26/2025	0.02ND	No	16	n/a	n/a	68.75	n/a	n/a	0.006456	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-39Z	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-3A	0.02	n/a	2/26/2025	0.02ND	No	8	n/a	n/a	100	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-40	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-41	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	85	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-41R	0.02	n/a	2/25/2025	0.0032J	No	20	n/a	n/a	75	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-42	0.02	n/a	2/25/2025	0.01J	No	20	n/a	n/a	35	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-43	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-43R	0.02	n/a	2/25/2025	0.02ND	No	20	n/a	n/a	60	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-4RZ	0.02	n/a	2/28/2025	0.02ND	No	14	n/a	n/a	71.43	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 6/26/2025, 11:25 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc (mg/L)	GWA-50	0.02	n/a	2/27/2025	0.02ND	No	30	n/a	n/a	43.33	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWA-50R	0.02	n/a	2/28/2025	0.02ND	No	27	n/a	n/a	44.44	n/a	n/a	0.002502	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-16R	0.134	n/a	2/25/2025	0.025	No	25	0.2072	0.06231	4	None	sqrt(x)	0.0002195	Param Intra 1 of 2
Zinc (mg/L)	GWC-17R	0.0219	n/a	2/25/2025	0.02ND	No	25	n/a	n/a	36	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-18	0.0225	n/a	2/20/2025	0.02ND	No	25	n/a	n/a	40	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-18R	0.02	n/a	2/19/2025	0.02ND	No	25	n/a	n/a	60	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19R	0.02	n/a	2/20/2025	0.0055J	No	25	n/a	n/a	52	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20R	0.02	n/a	2/20/2025	0.02ND	No	24	n/a	n/a	50	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-21R	0.045	n/a	2/25/2025	0.0035J	No	25	n/a	n/a	28	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-22R	0.02	n/a	2/20/2025	0.02ND	No	25	n/a	n/a	48	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Zinc (mg/L)	GWC-23R	0.02	n/a	2/25/2025	0.0037J	No	25	n/a	n/a	52	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-24R	0.02	n/a	2/24/2025	0.02ND	No	25	n/a	n/a	60	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-25R	0.02	n/a	2/25/2025	0.02ND	No	25	n/a	n/a	68	n/a	n/a	0.002832	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-36RA	0.222	n/a	2/19/2025	0.013J	No	24	0.2008	0.1051	16.67	Kaplan-Meier	sqrt(x)	0.0002195	Param Intra 1 of 2
Zinc (mg/L)	GWC-37	0.01542	n/a	2/19/2025	0.0046J	No	25	0.1823	0.02612	20	Kaplan-Meier	x^(1/3)	0.0002195	Param Intra 1 of 2
Zinc (mg/L)	GWC-38	0.02	n/a	2/19/2025	0.0029J	No	24	n/a	n/a	45.83	n/a	n/a	0.003124	NP Intra (normality) 1 of 2

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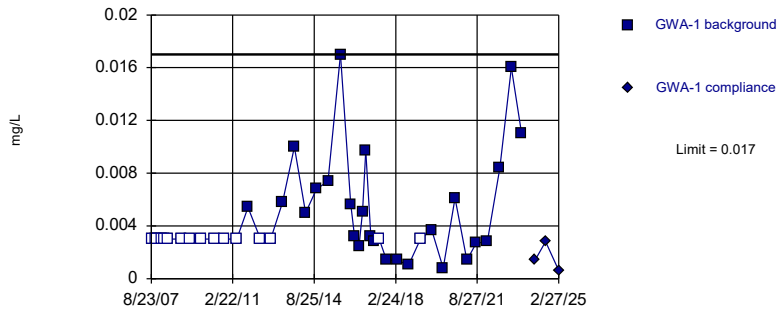
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 42 background values. 38.1% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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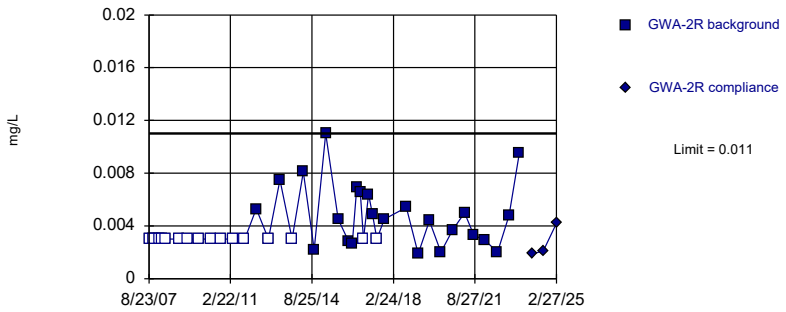
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 41 background values. 41.46% ND. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell

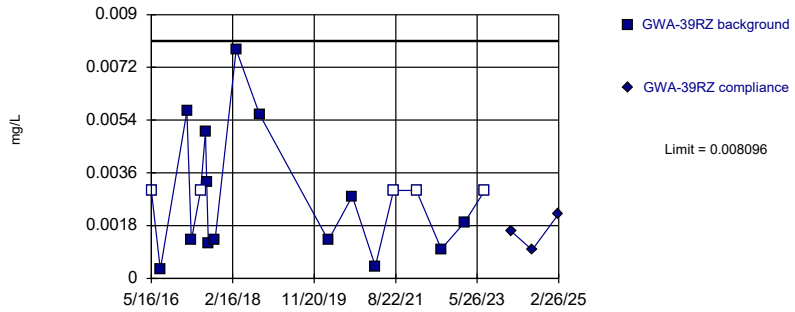
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002291, Std. Dev.=0.002147, n=19, 26.32% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9026, critical = 0.901. Kappa = 2.704 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell

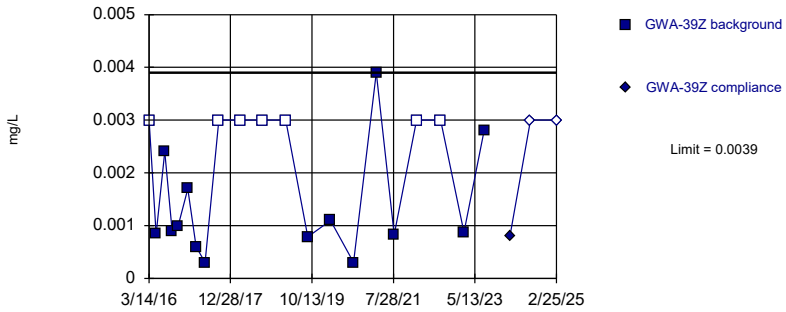
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

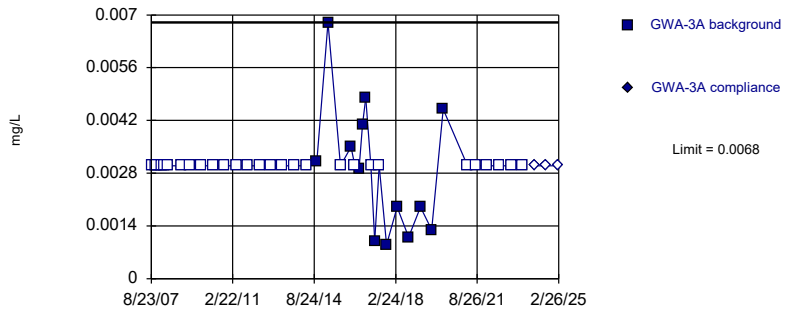
Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



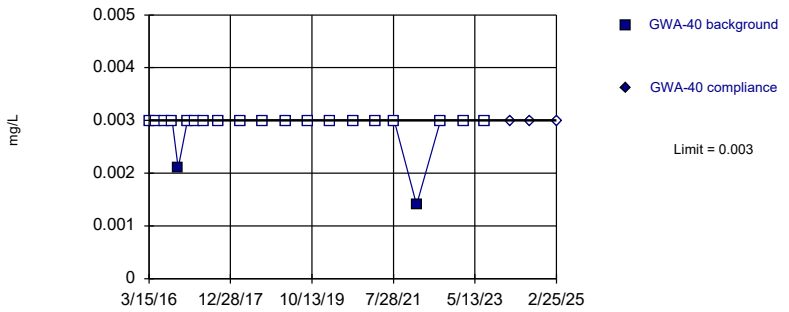
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 68.29% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



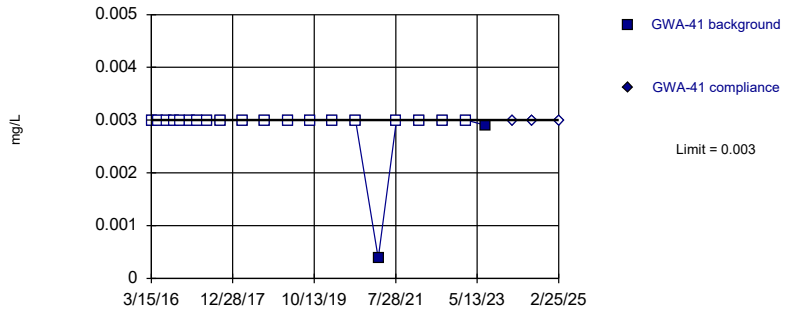
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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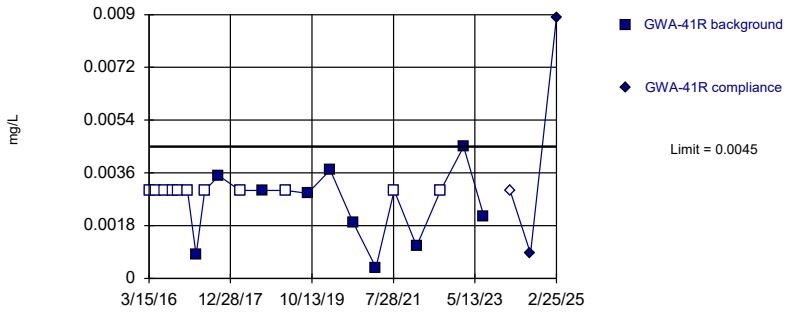
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



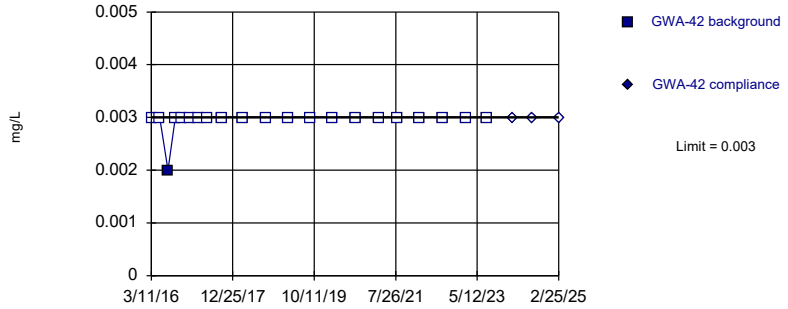
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 52.38% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



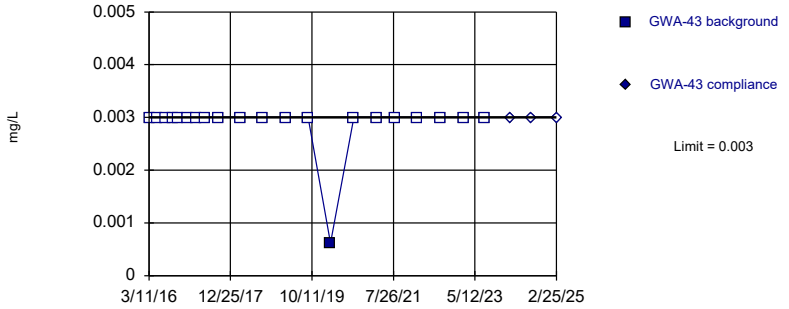
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



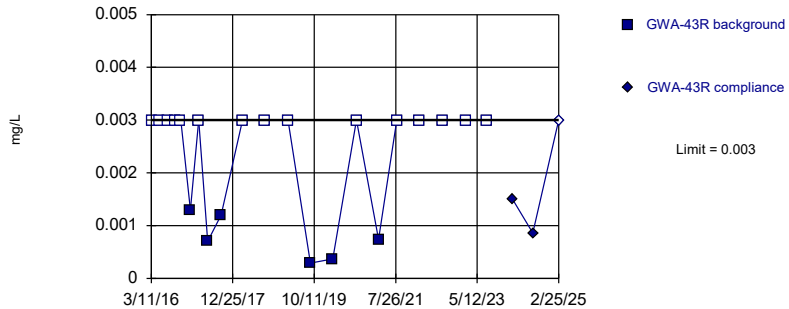
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



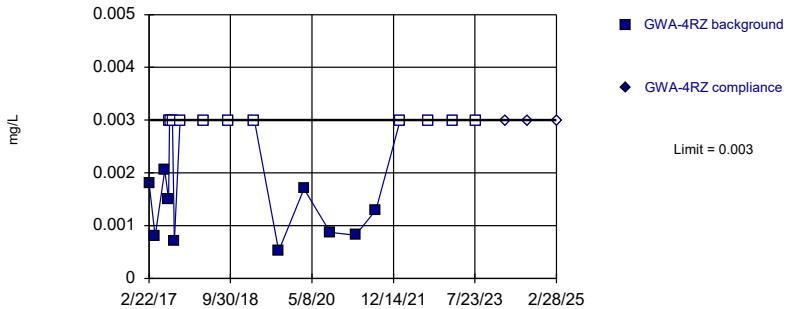
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



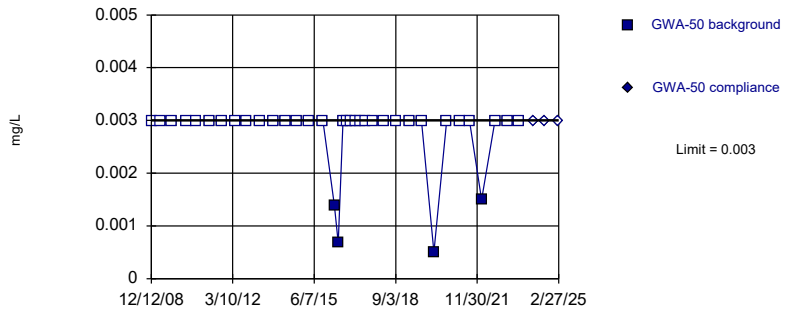
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 52.38% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



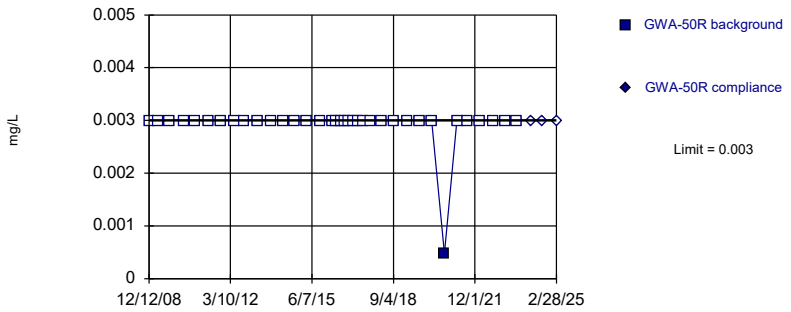
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



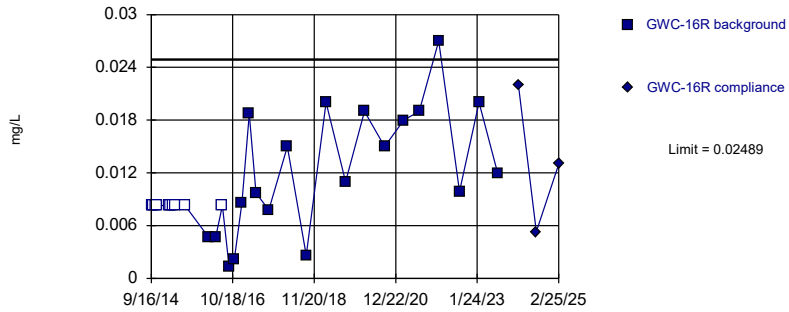
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



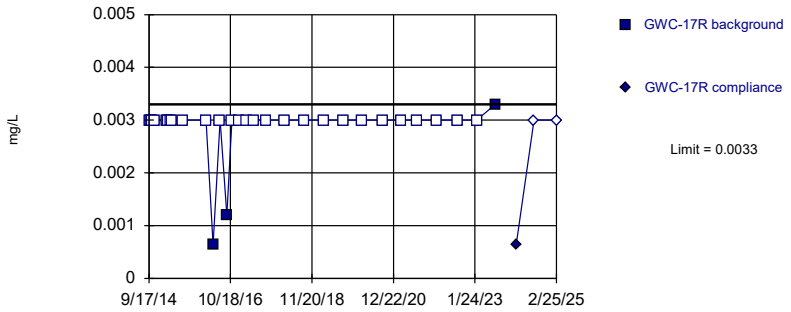
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.008342, Std. Dev.=0.006685, n=30, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9052, critical = 0.9. Kappa = 2.475 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



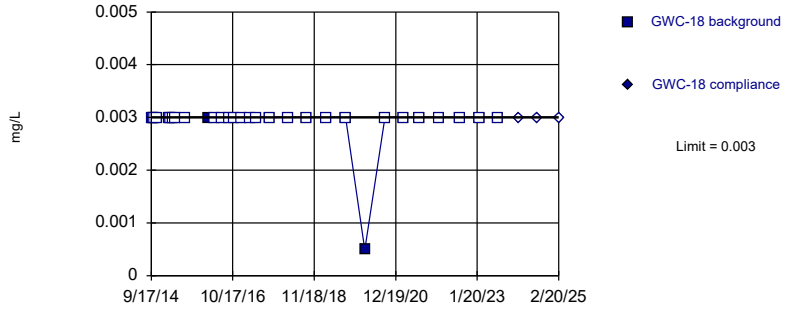
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



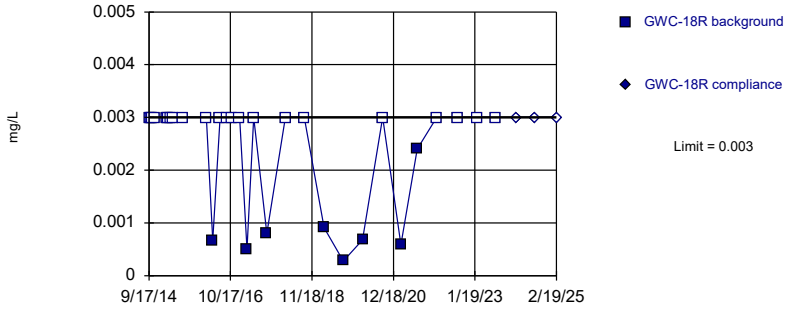
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



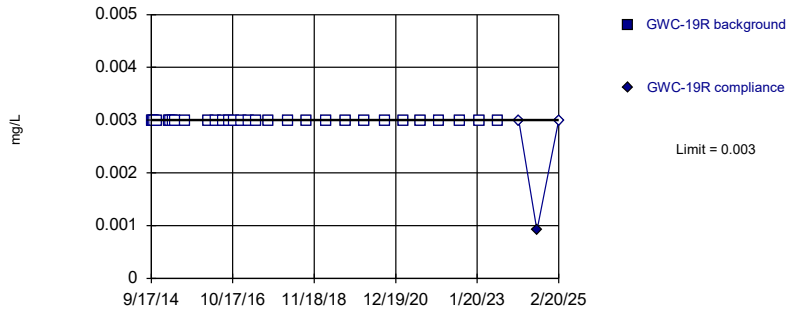
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



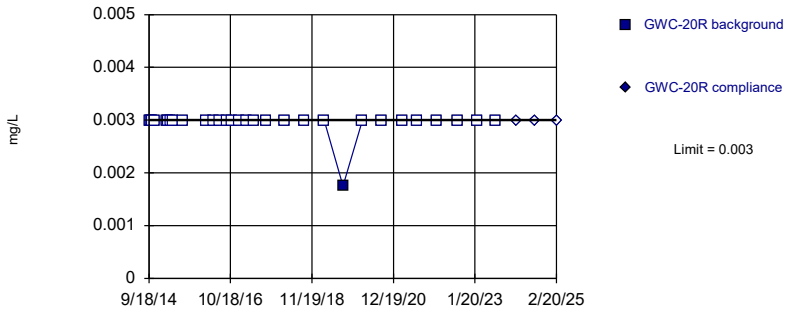
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 30) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 96.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

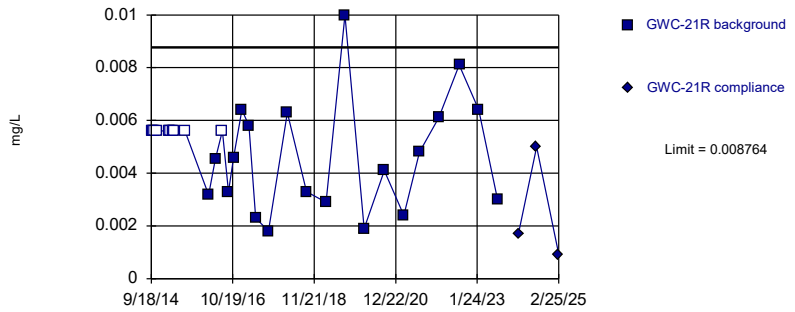
Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003977, Std. Dev.=0.001934, n=30, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9226, critical = 0.9. Kappa = 2.475 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

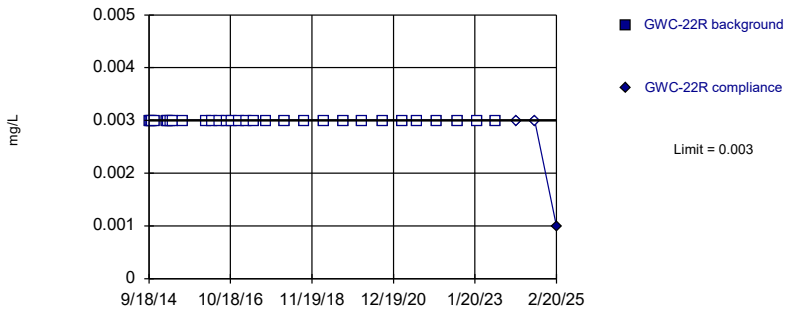
Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 30) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

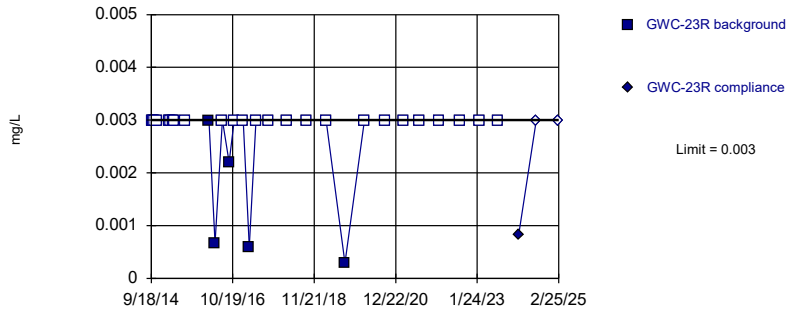
Constituent: Antimony Analysis Run 6/26/2025 11:12 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

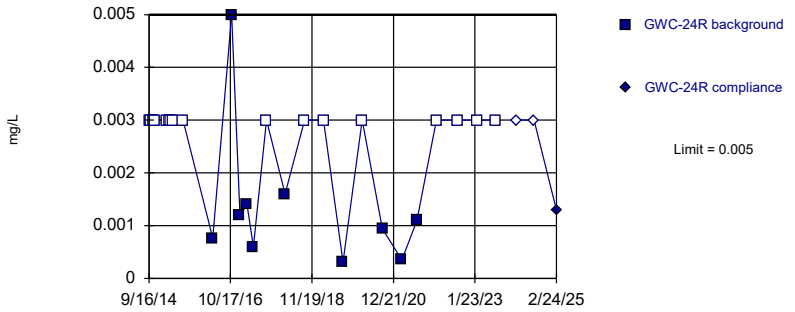
Constituent: Antimony Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 27 background values. 62.96% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

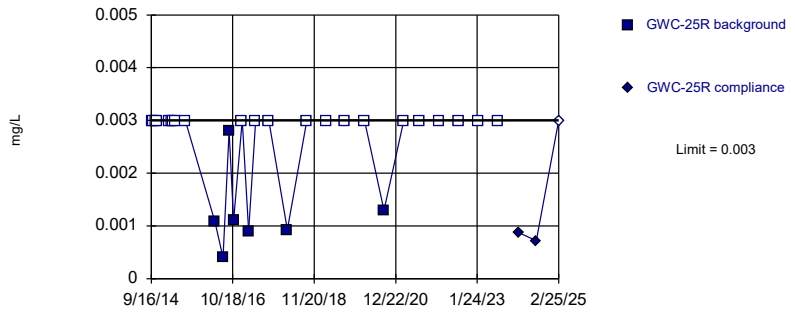
Constituent: Antimony Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 75.86% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

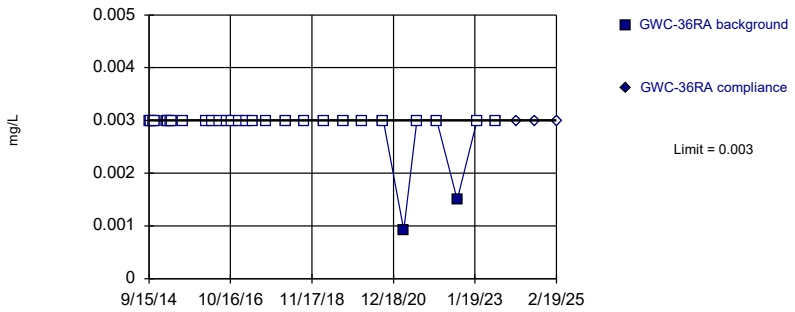
Constituent: Antimony Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

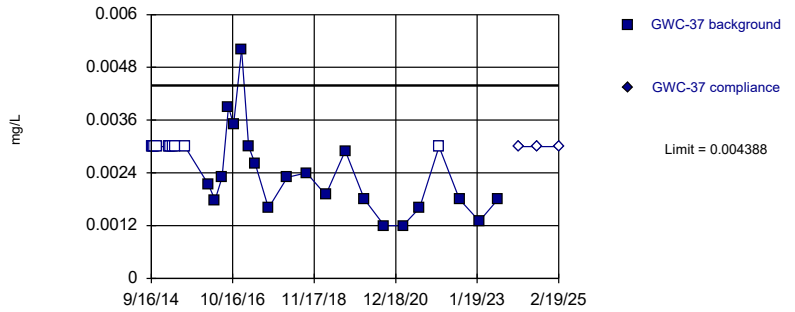
Constituent: Antimony Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002096, Std. Dev.=0.0009259, n=30, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9071, critical = 0.9. Kappa = 2.475 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

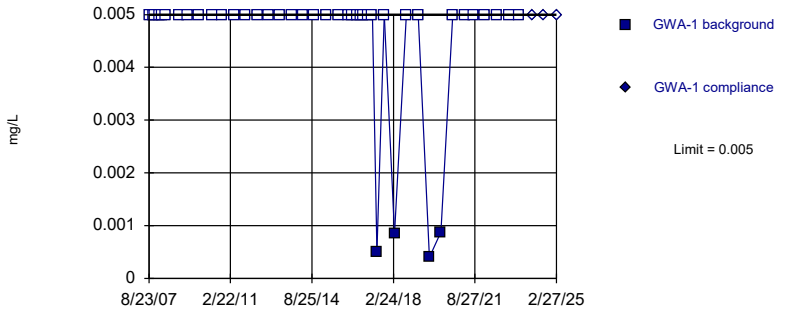
Constituent: Antimony Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



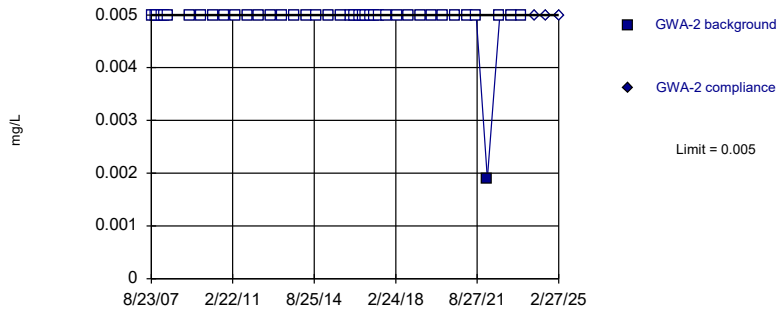
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



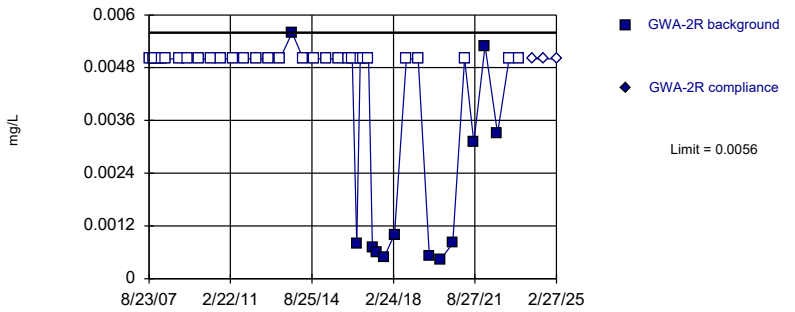
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



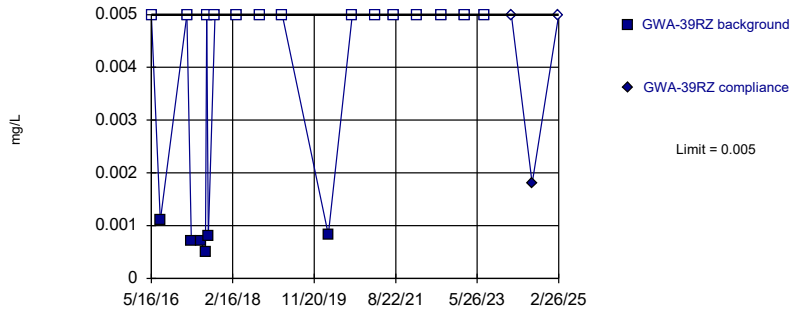
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 69.05% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



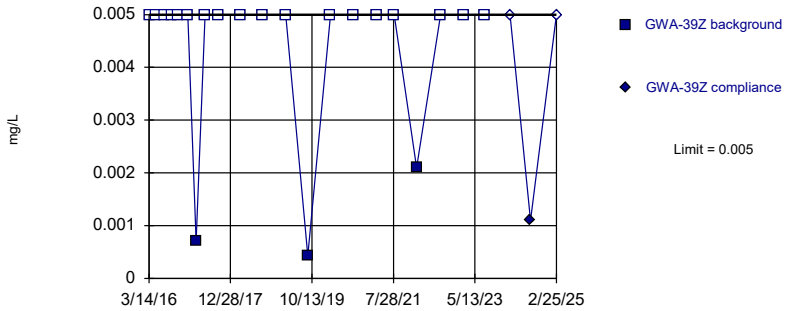
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 70% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



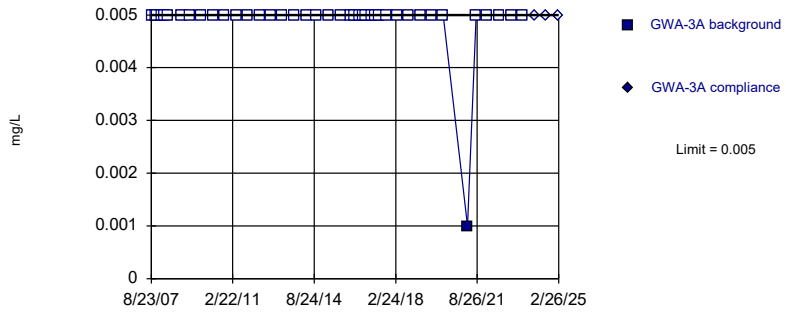
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



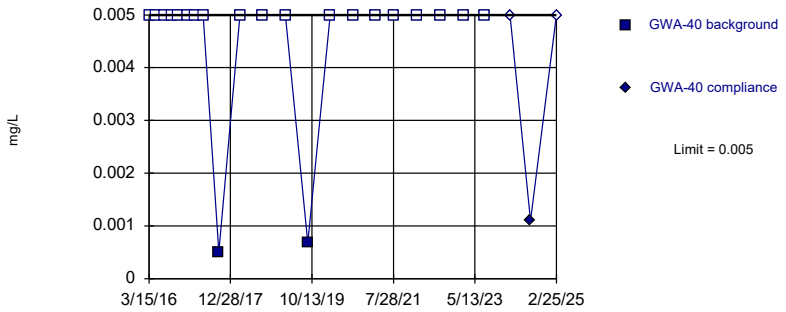
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



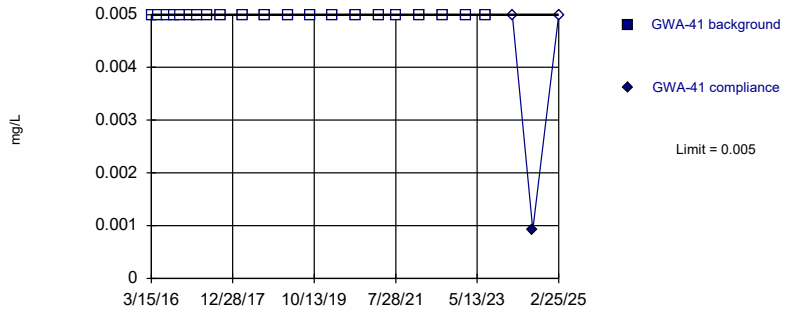
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



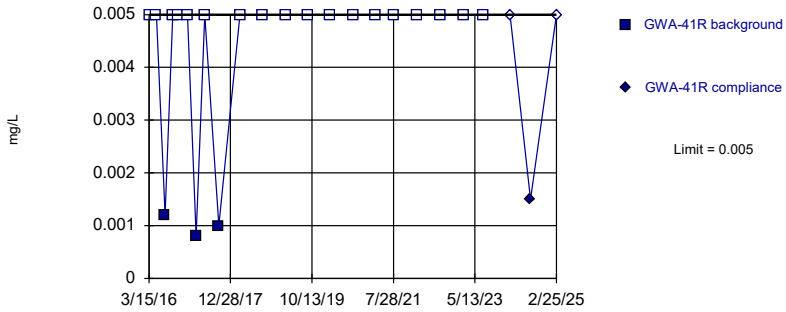
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



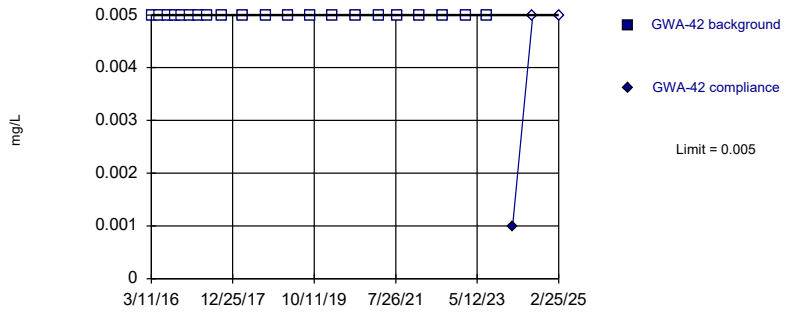
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



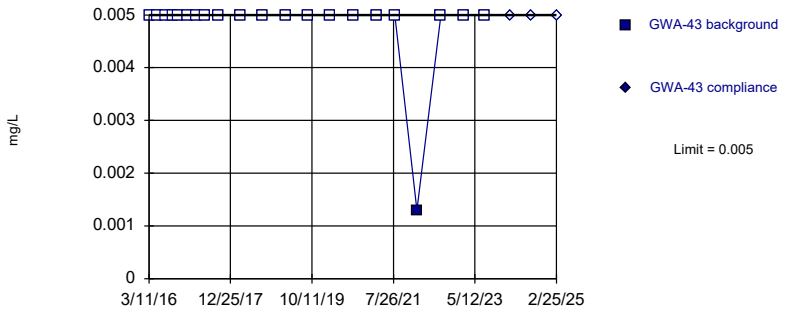
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 21) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



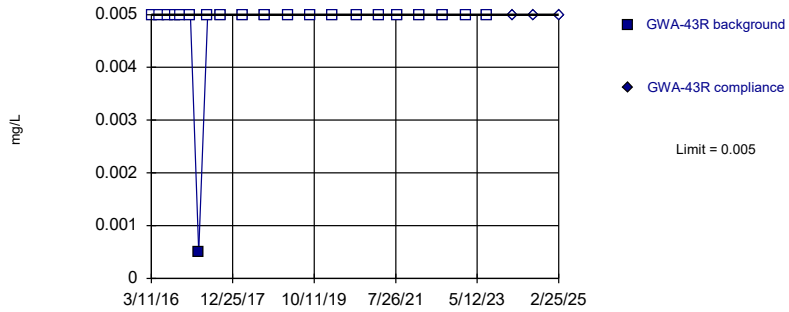
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



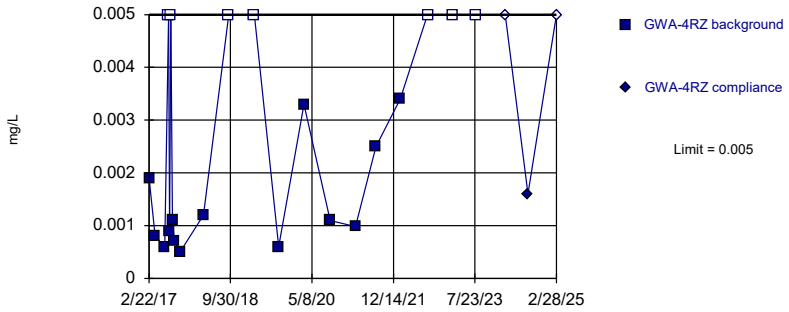
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



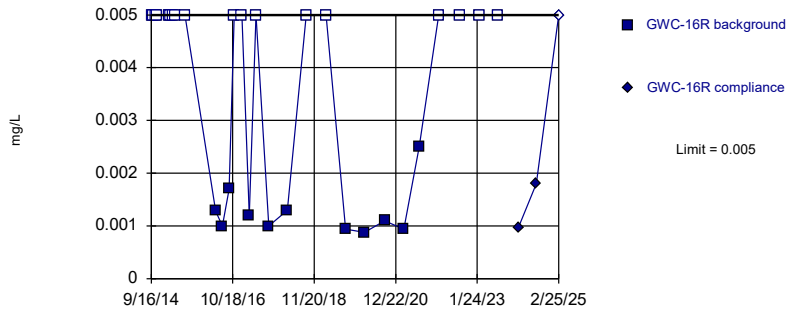
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



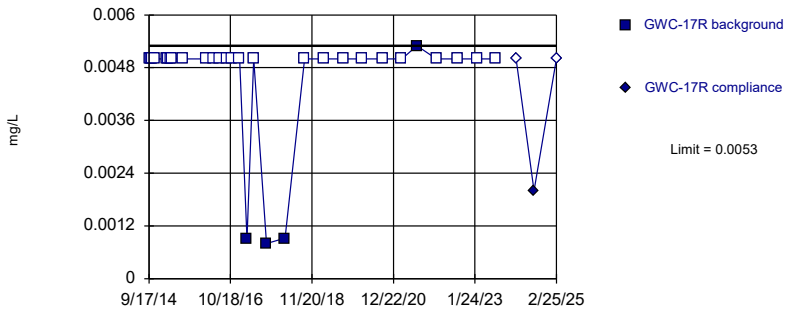
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 62.07% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



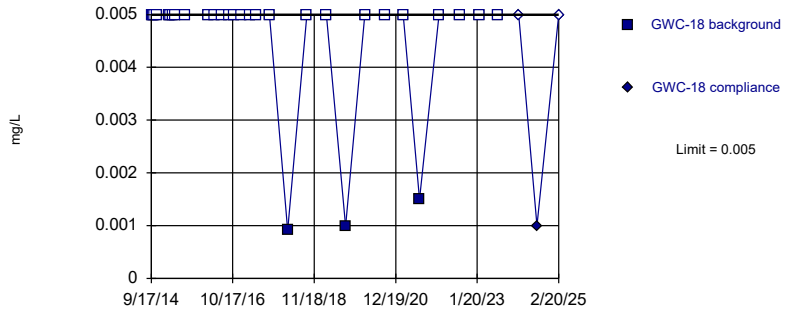
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



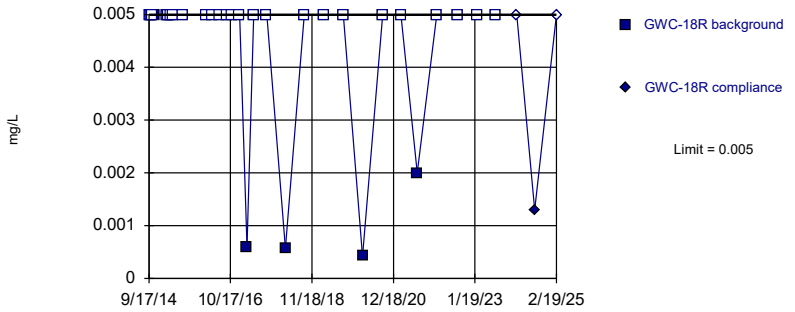
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

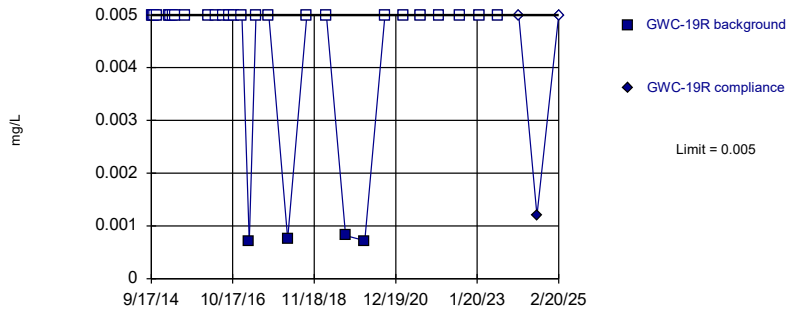
Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

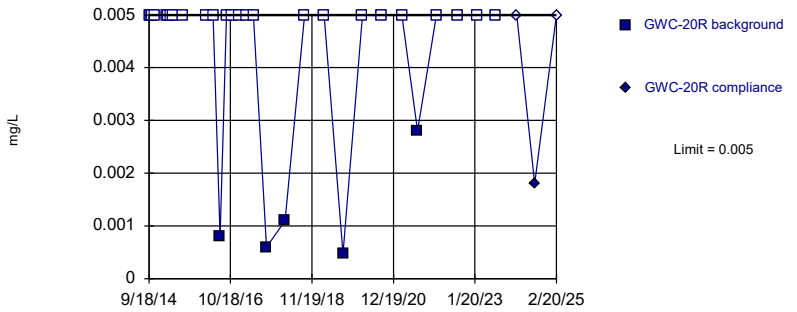
Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

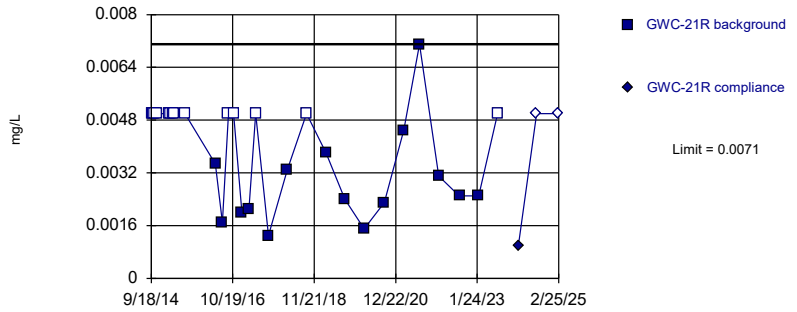
Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 29 background values. 48.28% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

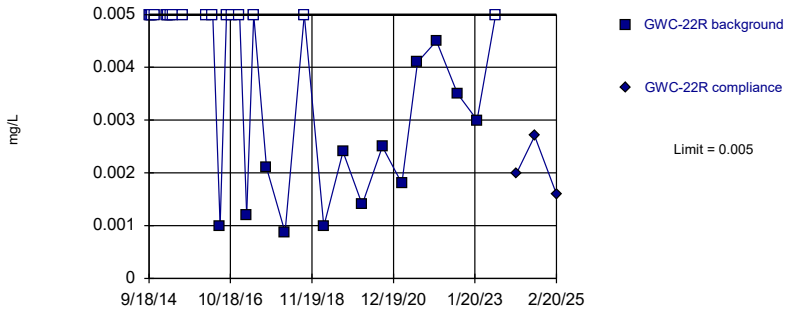
Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 56.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

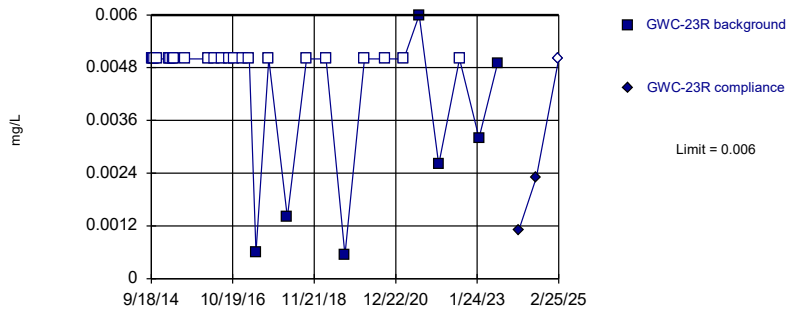
Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 76.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

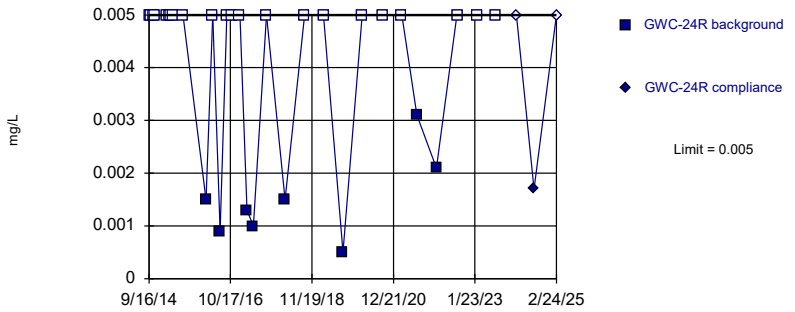
Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

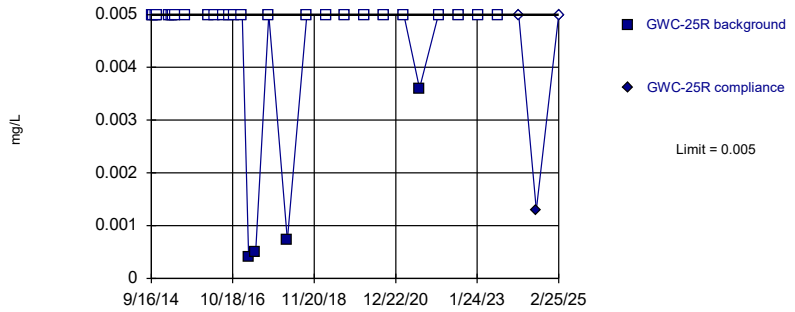
Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

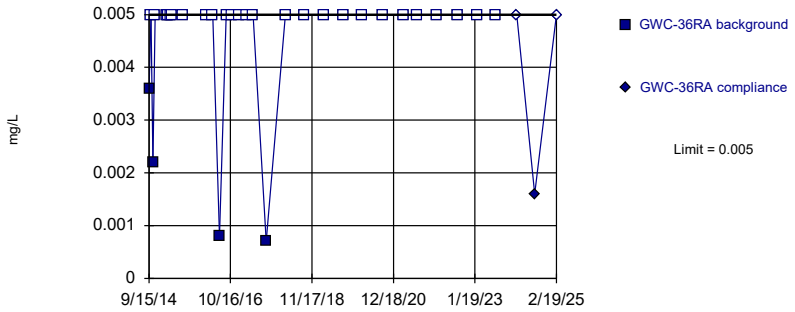
Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



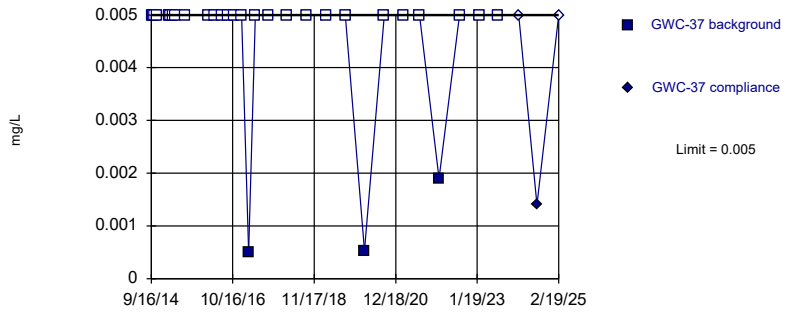
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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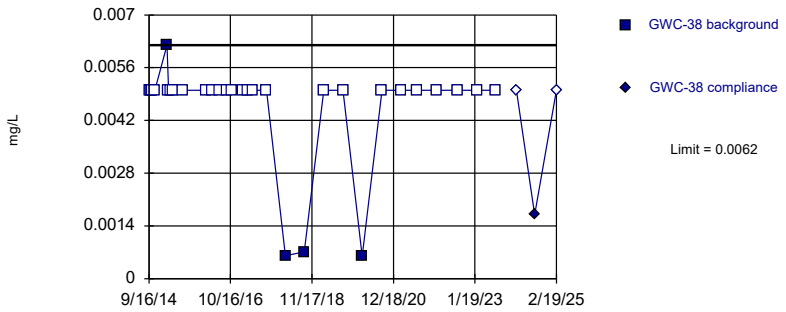
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Arsenic Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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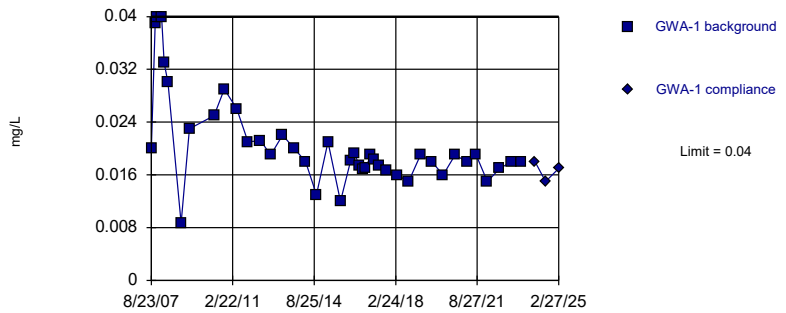
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 41 background values. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Barium Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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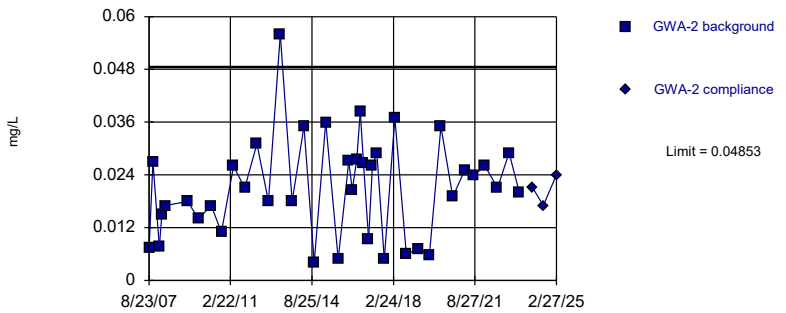
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02121, Std. Dev.=0.01142, n=40. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9508, critical = 0.919. Kappa = 2.394 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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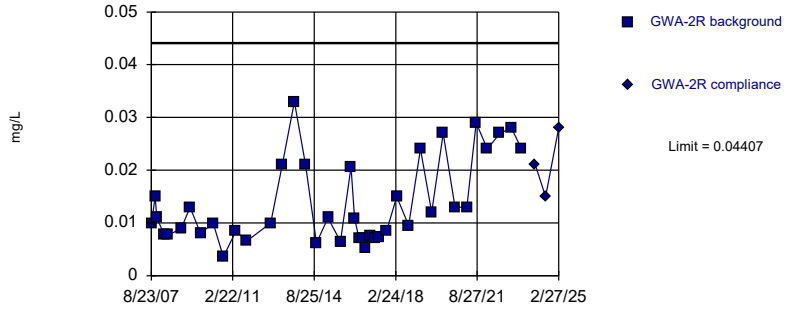
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.448, Std. Dev.=0.5541, n=40. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9414, critical = 0.919. Kappa = 2.394 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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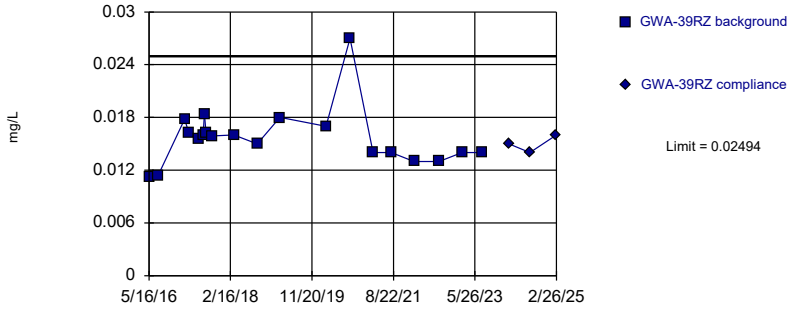
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1247, Std. Dev.=0.01249, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8722, critical = 0.868. Kappa = 2.664 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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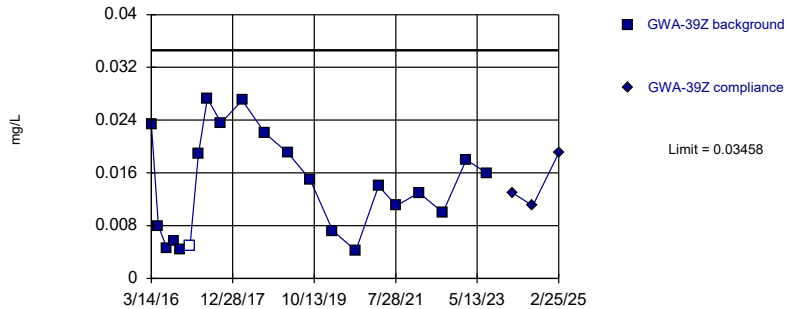
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01414, Std. Dev.=0.007741, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9312, critical = 0.873. Kappa = 2.641 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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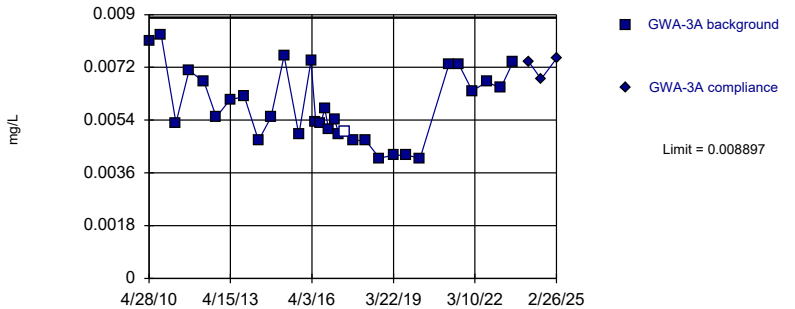
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00587, Std. Dev.=0.001232, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9389, critical = 0.904. Kappa = 2.456 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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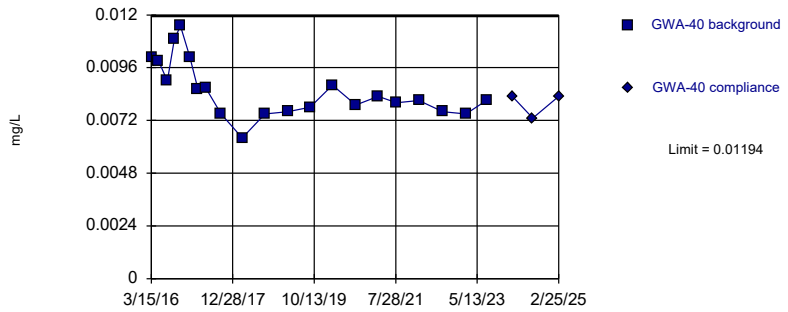
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.008568, Std. Dev.=0.001278, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9193, critical = 0.873. Kappa = 2.641 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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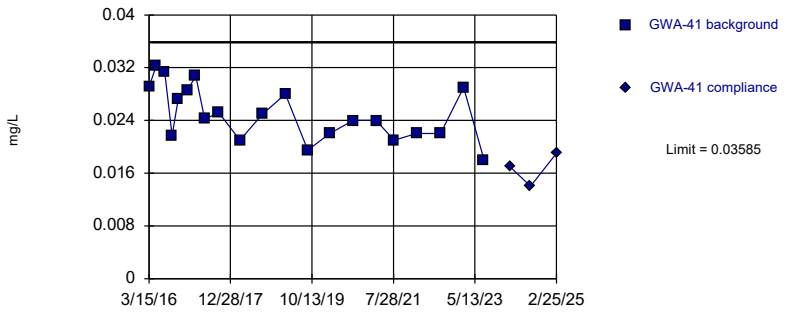
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02503, Std. Dev.=0.004095, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9576, critical = 0.873. Kappa = 2.641 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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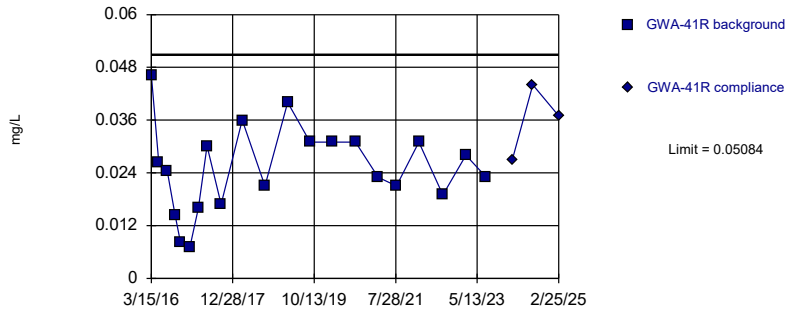
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02499, Std. Dev.=0.009788, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.981, critical = 0.873. Kappa = 2.641 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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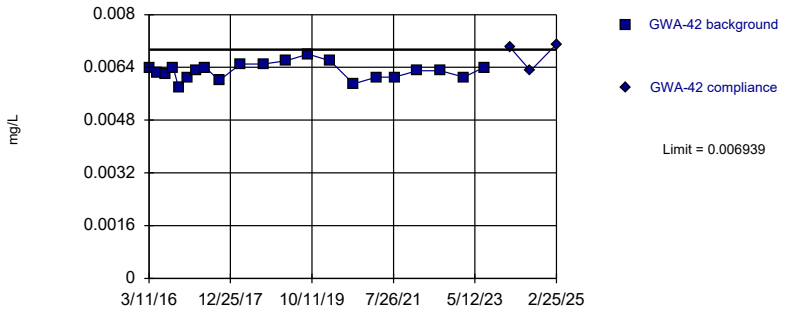
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.006286, Std. Dev.=0.000247, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9841, critical = 0.873. Kappa = 2.641 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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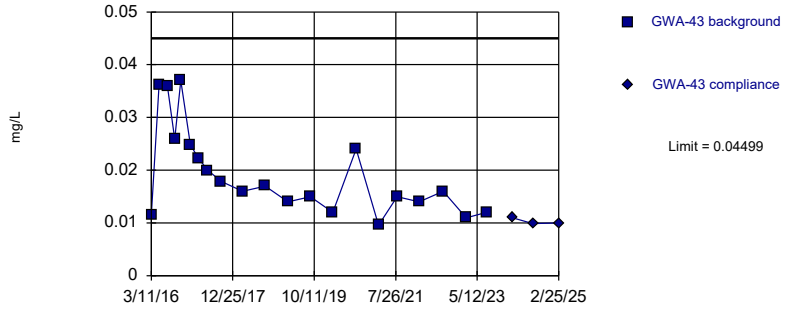
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1364, Std. Dev.=0.02867, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9052, critical = 0.873. Kappa = 2.641 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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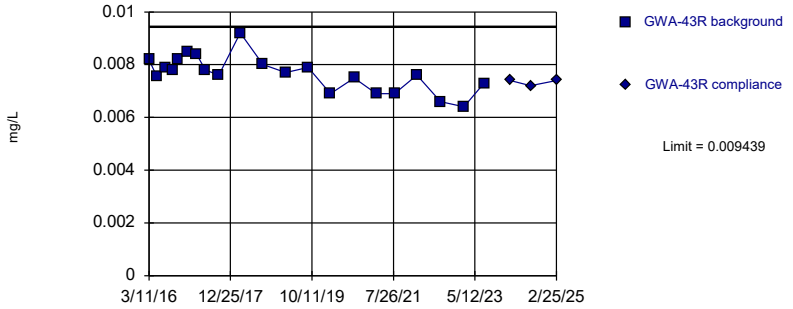
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00766, Std. Dev.=0.000674, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9749, critical = 0.873. Kappa = 2.641 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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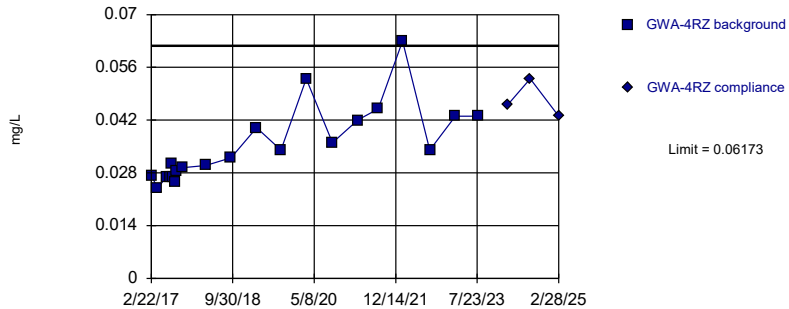
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03528, Std. Dev.=0.01002, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8744, critical = 0.873. Kappa = 2.641 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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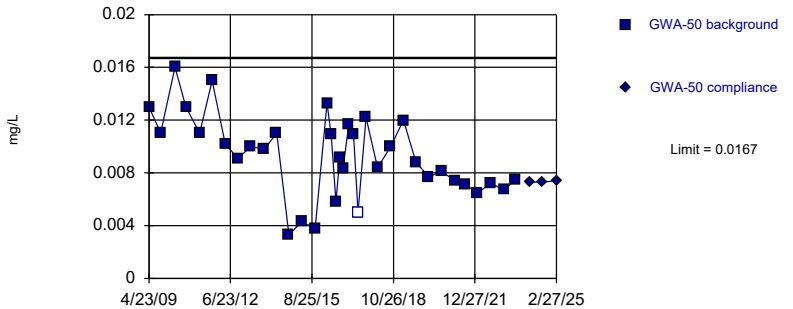
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.009291, Std. Dev.=0.003053, n=35, 2.857% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9855, critical = 0.91. Kappa = 2.428 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:13 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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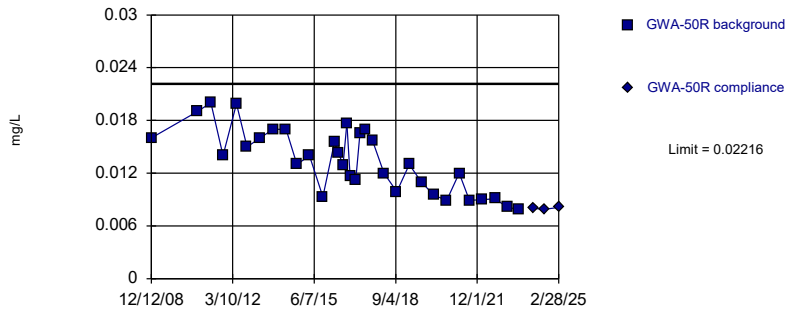
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0134, Std. Dev.=0.003582, n=33. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9449, critical = 0.906. Kappa = 2.447 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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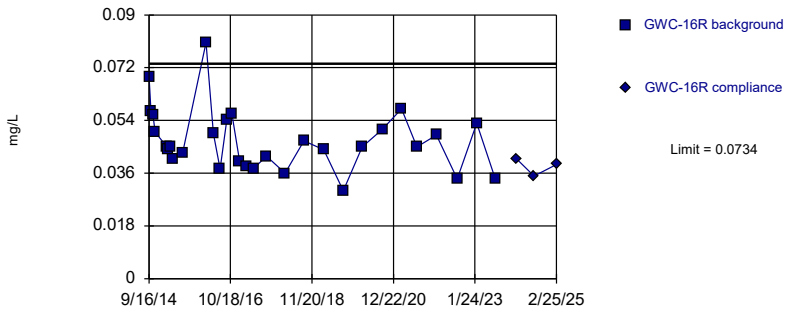
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04705, Std. Dev.=0.01064, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9276, critical = 0.9. Kappa = 2.475 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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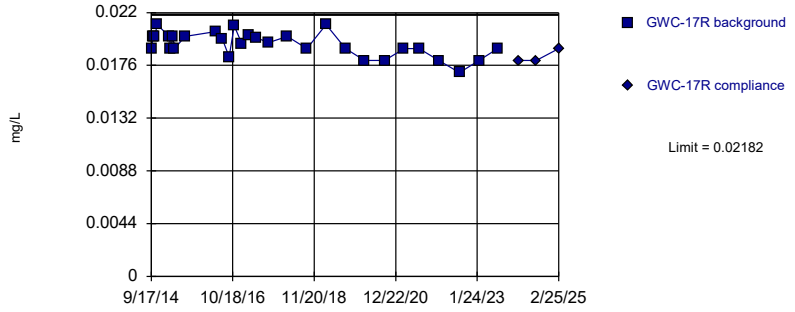
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01936, Std. Dev.=0.0009905, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9456, critical = 0.898. Kappa = 2.49 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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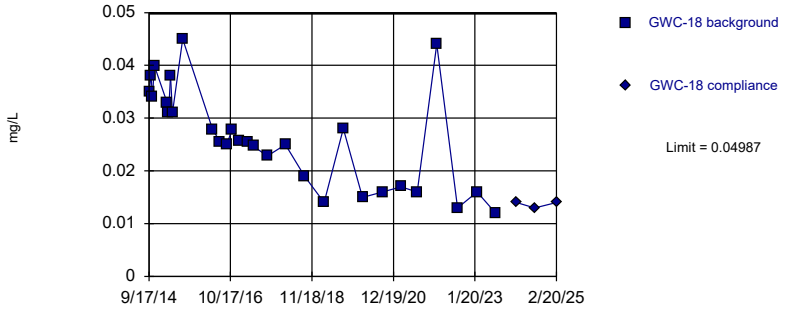
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02637, Std. Dev.=0.009437, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9515, critical = 0.898. Kappa = 2.49 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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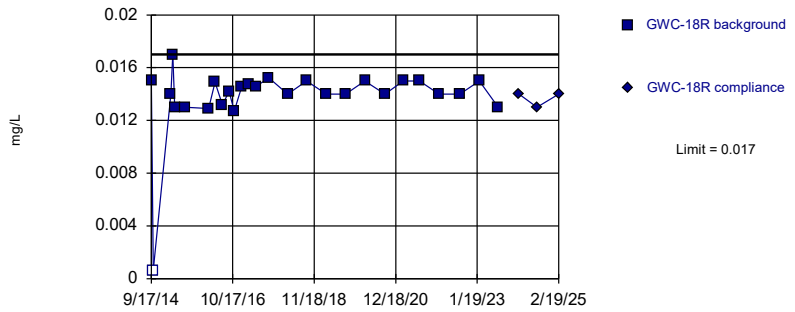
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. 3.704% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Barium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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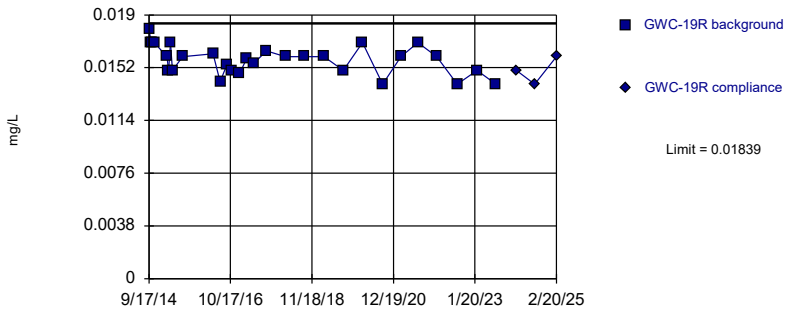
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01577, Std. Dev.=0.001052, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.943, critical = 0.898. Kappa = 2.49 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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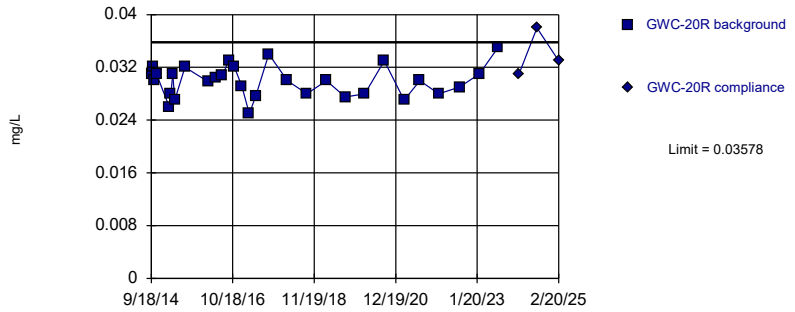
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02988, Std. Dev.=0.002386, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9835, critical = 0.9. Kappa = 2.475 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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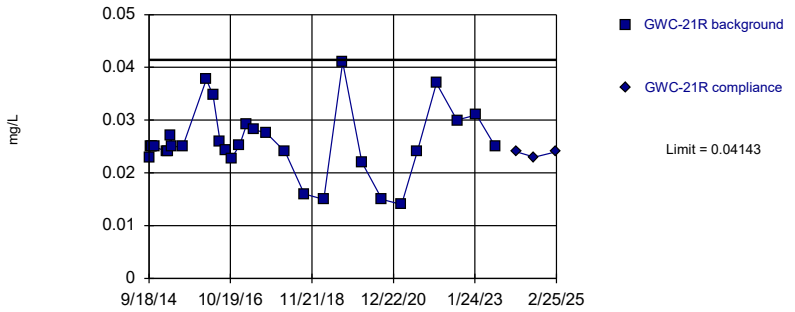
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02575, Std. Dev.=0.006335, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.921, critical = 0.9. Kappa = 2.475 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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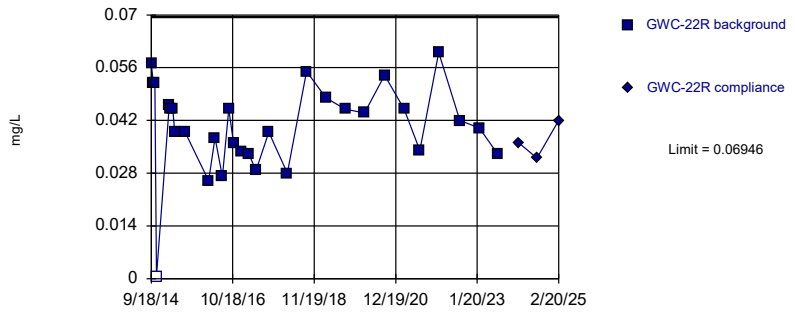
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04032, Std. Dev.=0.01178, n=30, 3.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9282, critical = 0.9. Kappa = 2.475 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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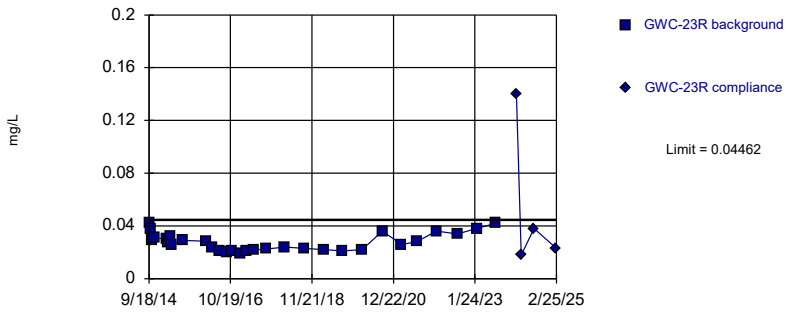
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0278, Std. Dev.=0.006798, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9044, critical = 0.9. Kappa = 2.475 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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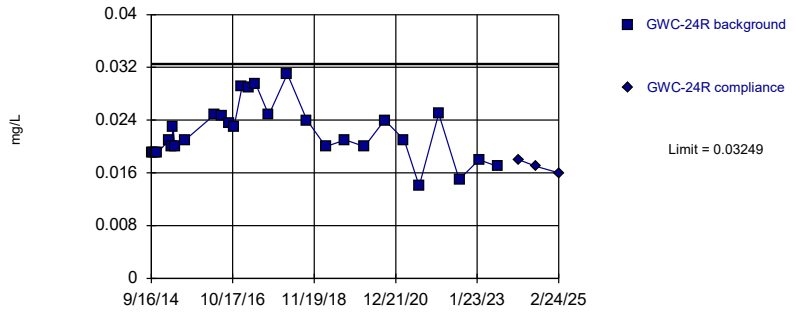
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02205, Std. Dev.=0.004194, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.959, critical = 0.898. Kappa = 2.49 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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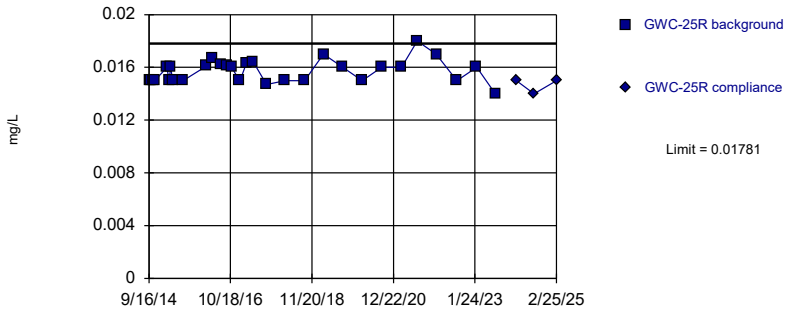
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01568, Std. Dev.=0.0008607, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9026, critical = 0.9. Kappa = 2.475 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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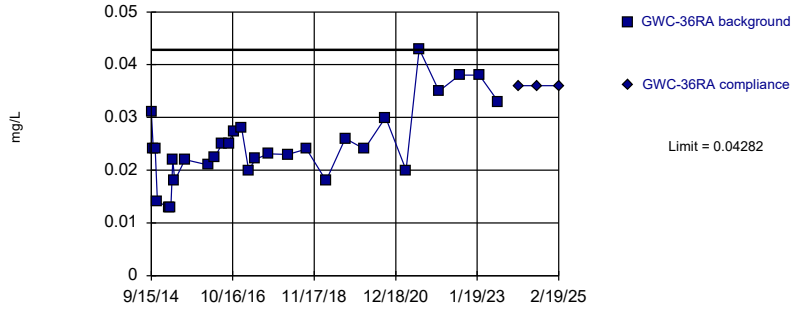
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0249, Std. Dev.=0.007239, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9456, critical = 0.9. Kappa = 2.475 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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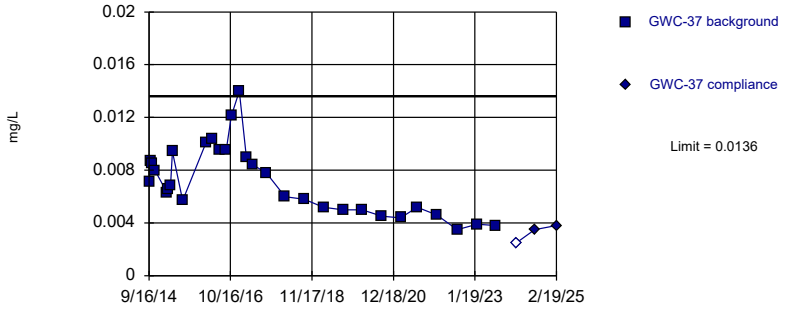
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00716, Std. Dev.=0.002604, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9459, critical = 0.9. Kappa = 2.475 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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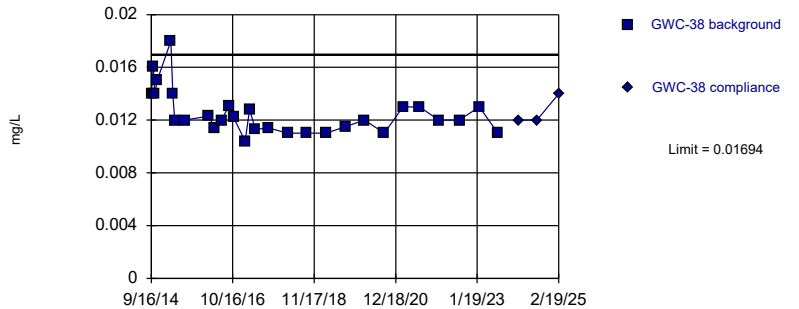
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.387, Std. Dev.=0.1243, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9036, critical = 0.898. Kappa = 2.49 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Barium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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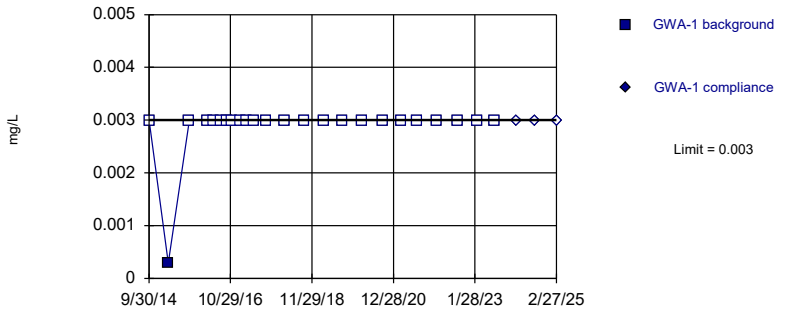
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Beryllium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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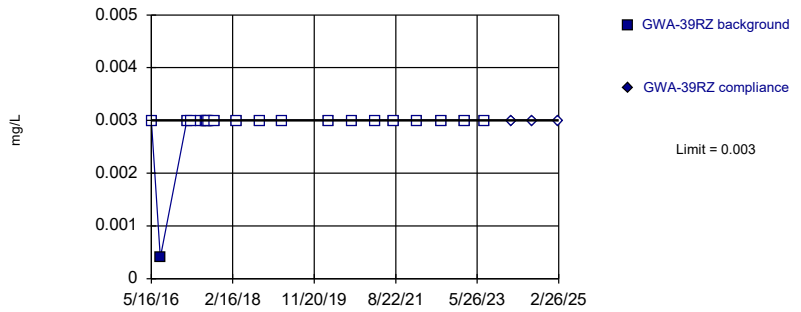
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



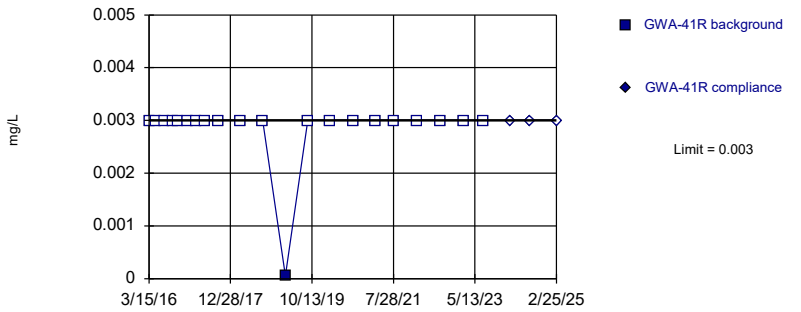
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Beryllium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



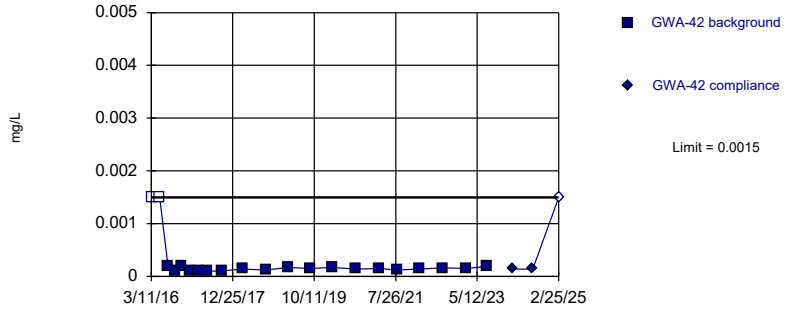
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



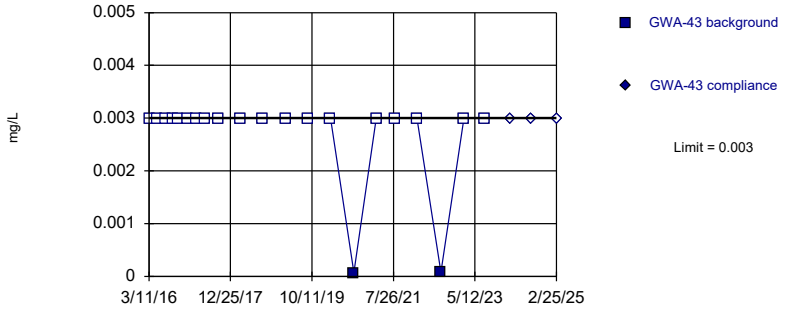
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 9.524% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Beryllium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

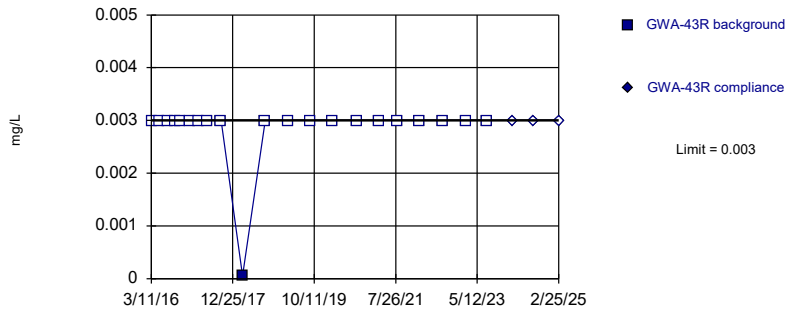
Constituent: Beryllium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

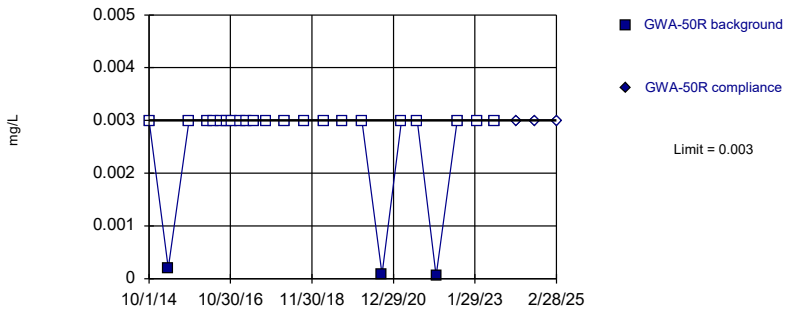
Constituent: Beryllium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

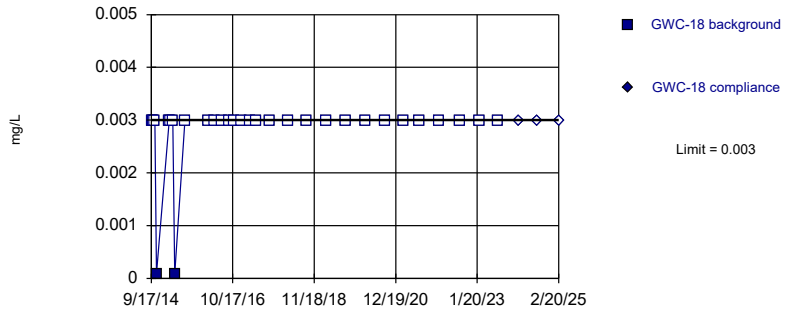
Constituent: Beryllium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

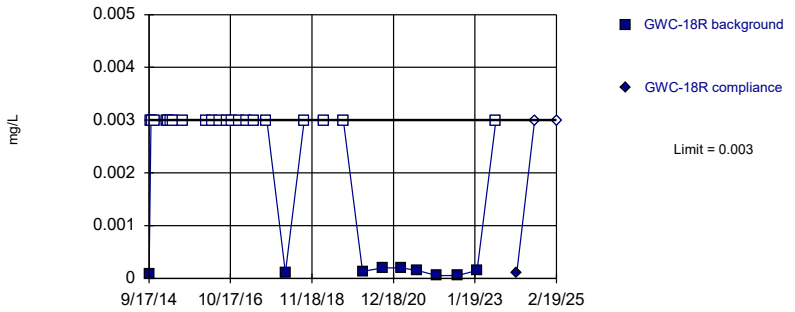
Constituent: Beryllium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 70% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

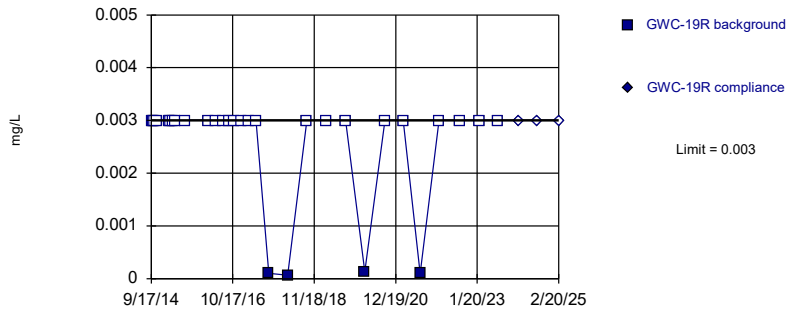
Constituent: Beryllium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

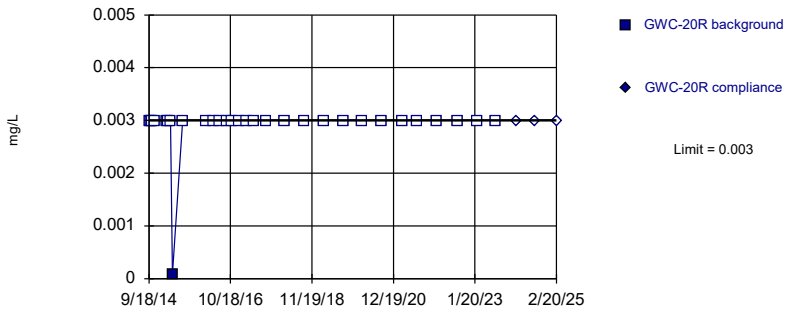
Constituent: Beryllium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 96.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

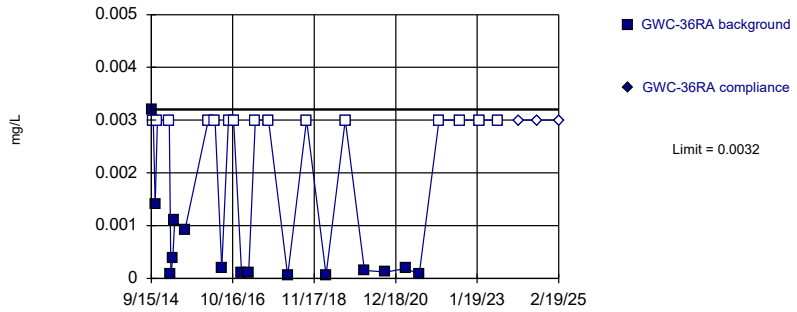
Constituent: Beryllium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. 50% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

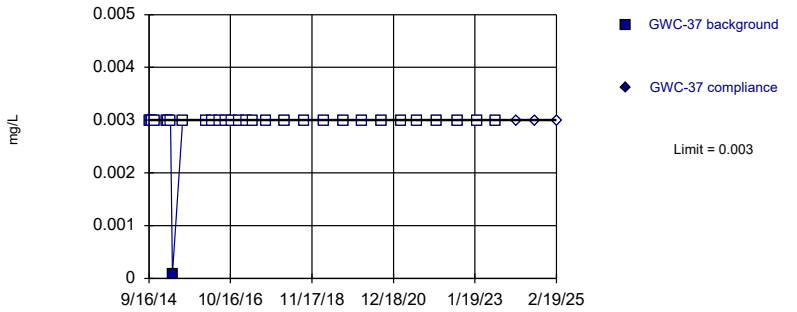
Constituent: Beryllium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



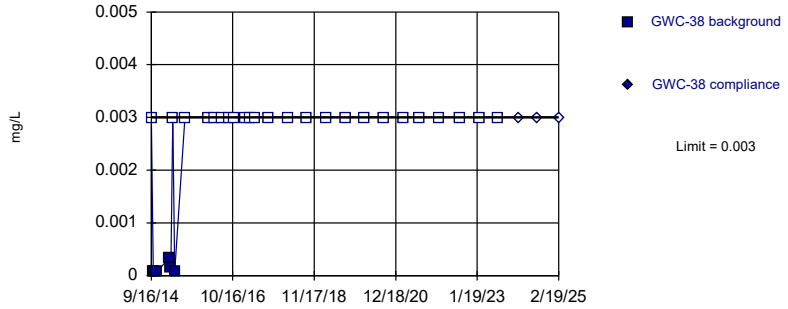
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 96.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Beryllium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



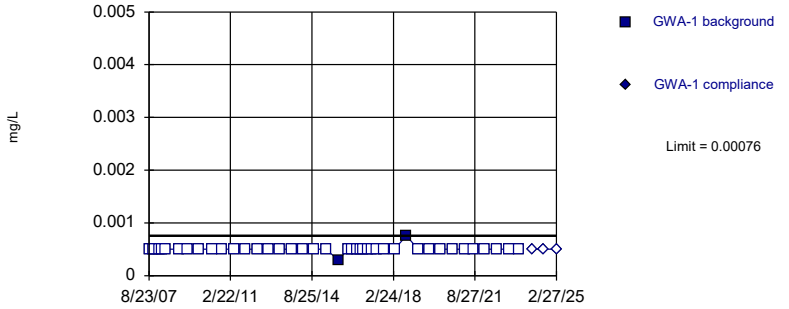
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 80% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Beryllium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



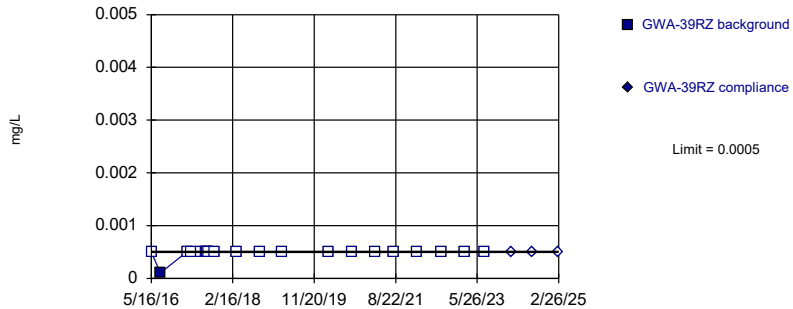
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cadmium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



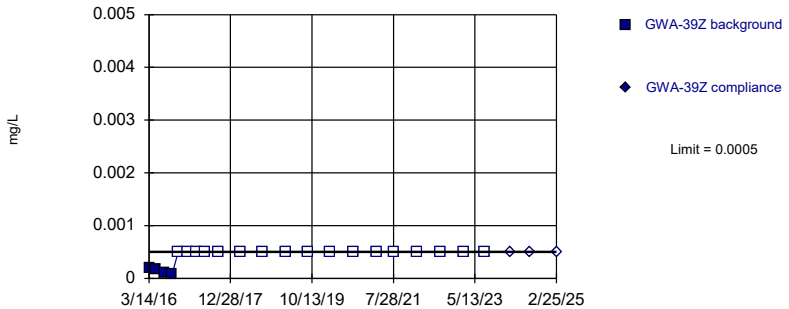
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Cadmium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

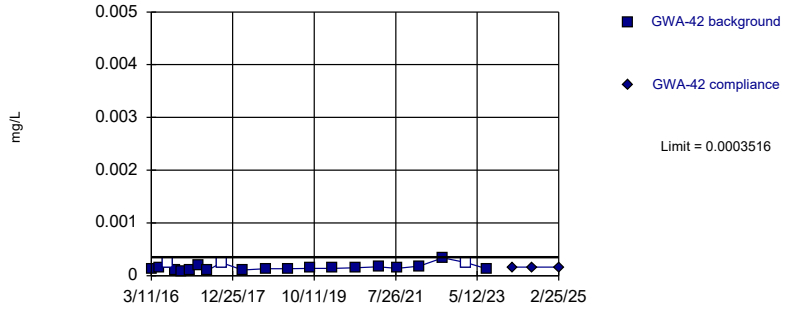
Constituent: Cadmium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.01242, Std. Dev.=0.002396, n=21, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9138, critical = 0.873. Kappa = 2.641 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

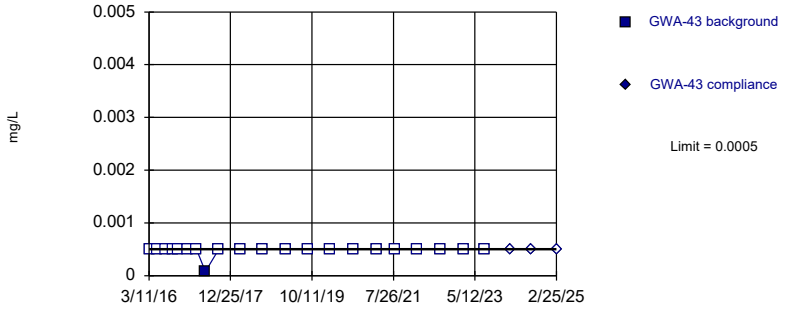
Constituent: Cadmium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

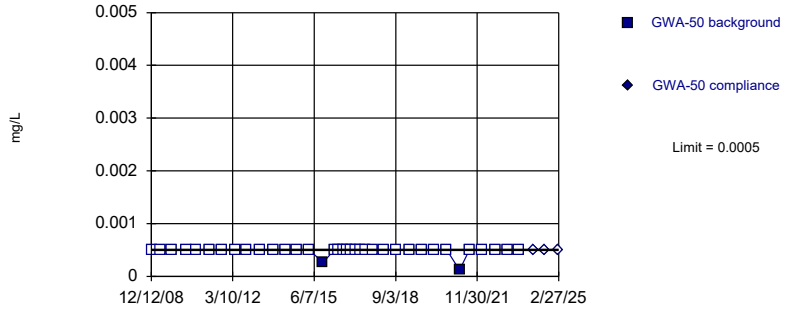
Constituent: Cadmium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

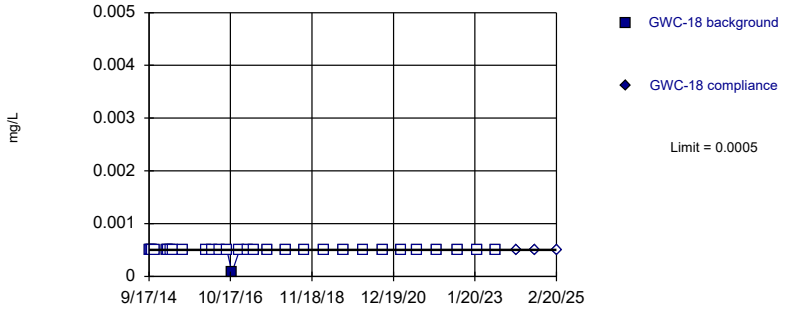
Constituent: Cadmium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



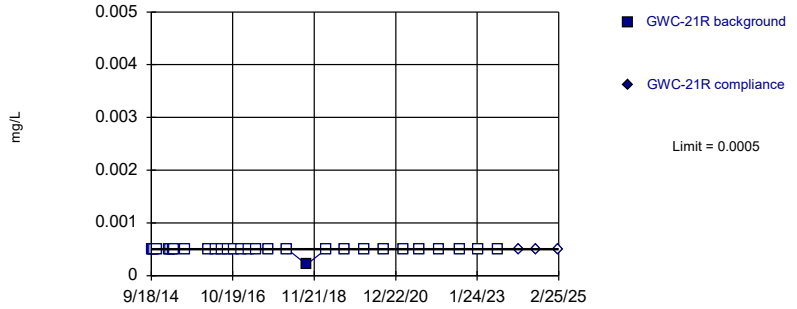
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 96.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Cadmium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



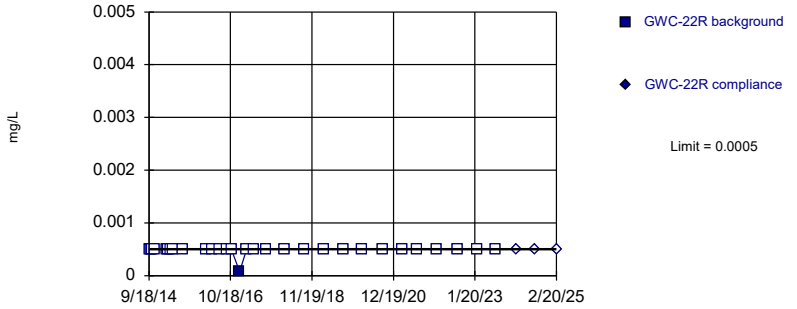
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 96.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Cadmium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



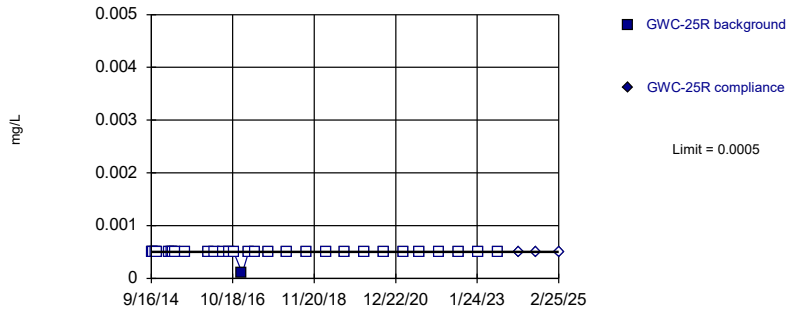
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 96.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Cadmium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



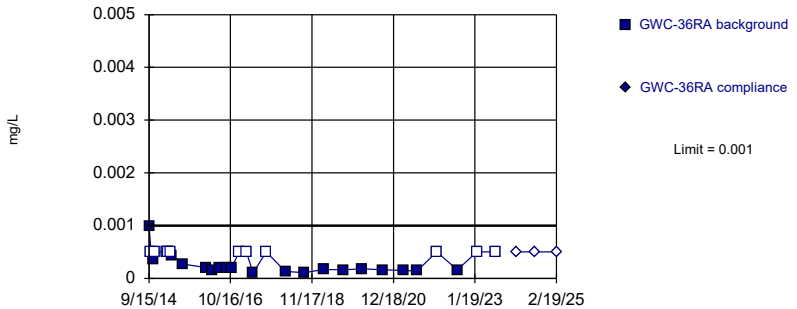
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 96.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Cadmium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. 36.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

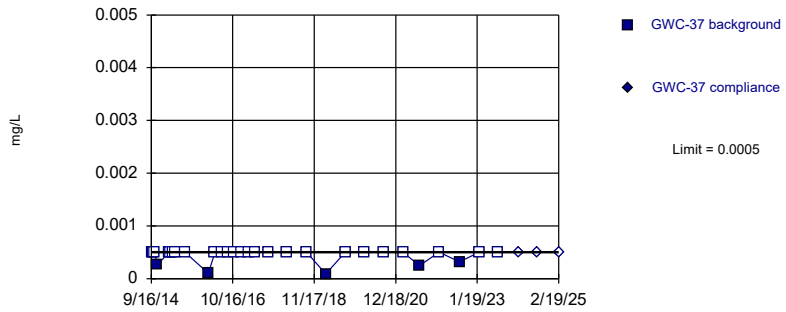
Constituent: Cadmium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Cadmium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

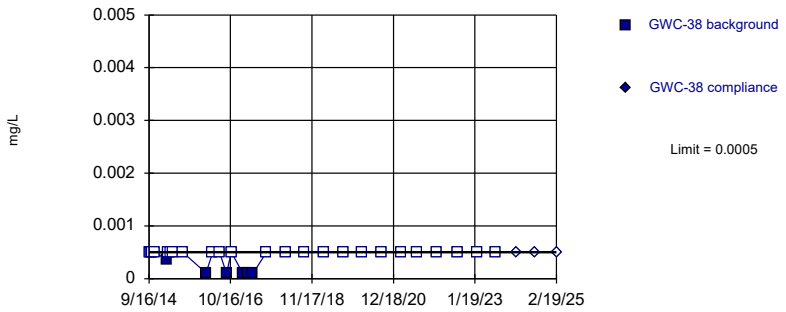
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 80% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Cadmium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

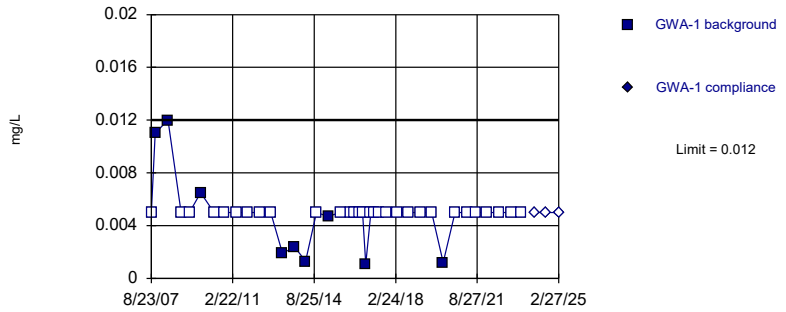
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 39 background values. 76.92% NDs. Well-constituent pair annual alpha = 0.002451. Individual comparison alpha = 0.001226 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

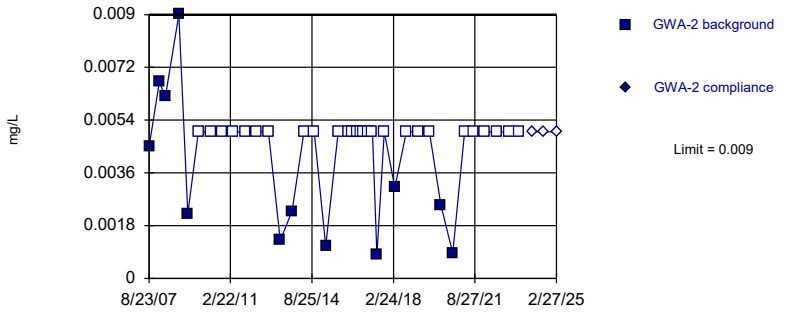
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 39 background values. 69.23% NDs. Well-constituent pair annual alpha = 0.002451. Individual comparison alpha = 0.001226 (1 of 2).

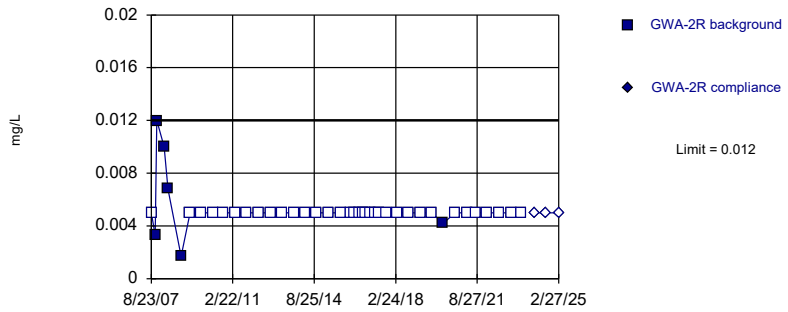
Constituent: Chromium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



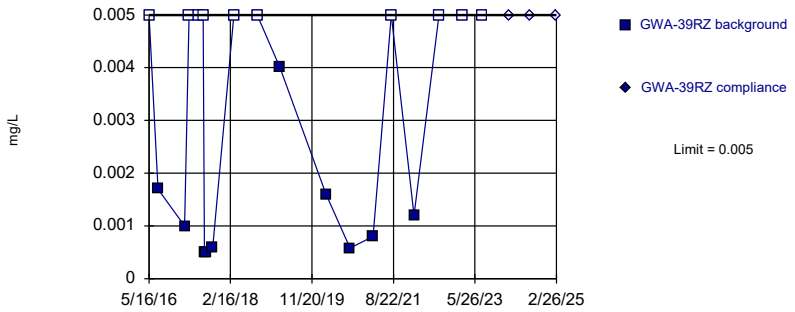
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 85.37% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



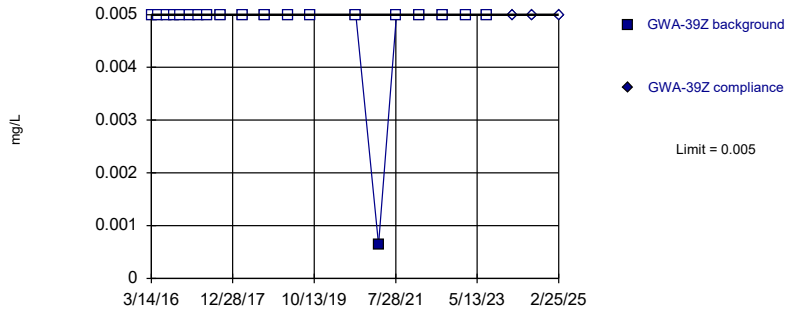
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 50% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



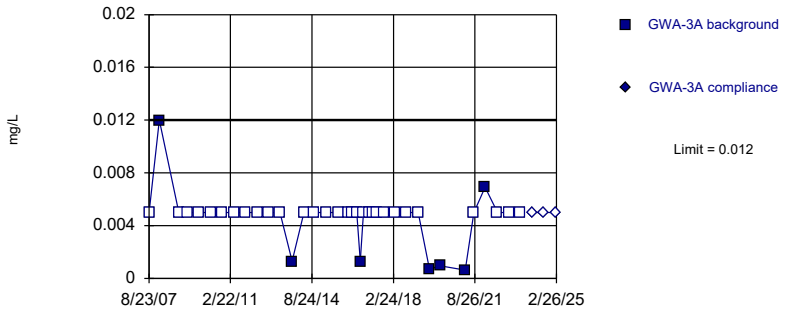
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 81.08% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

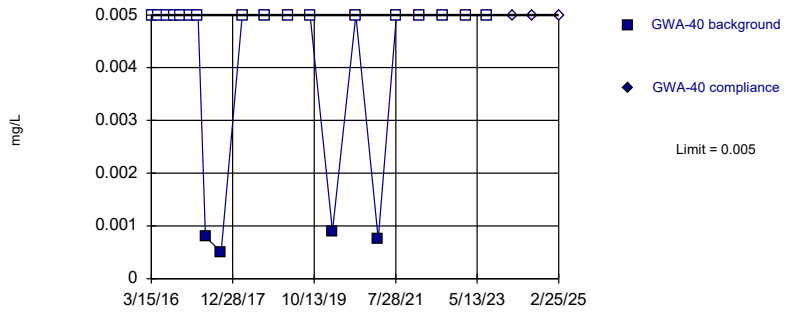
Constituent: Chromium Analysis Run 6/26/2025 11:14 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

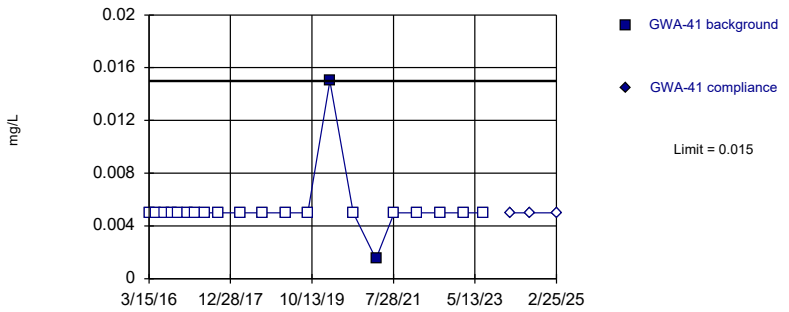
Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

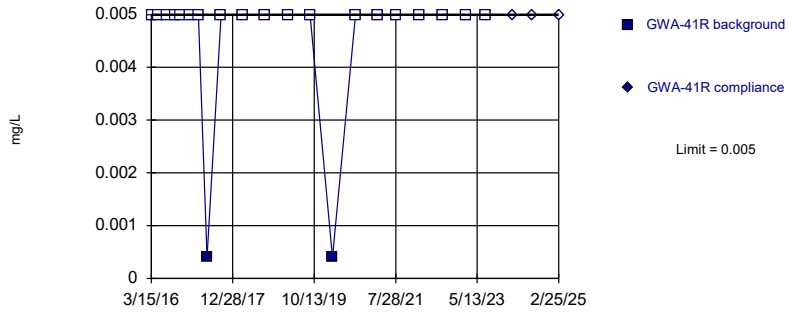
Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

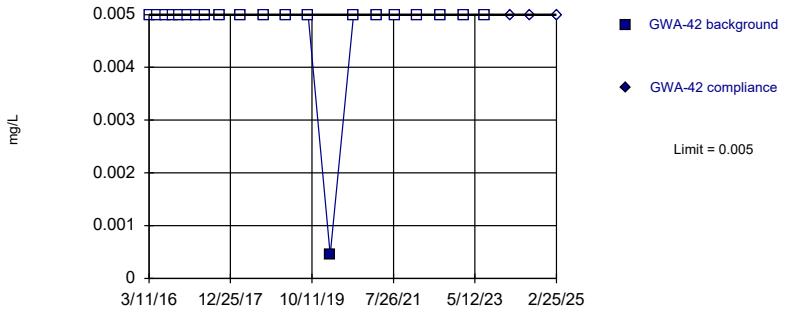
Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



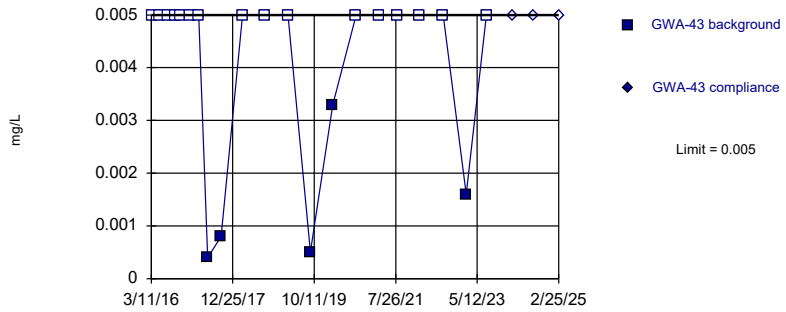
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



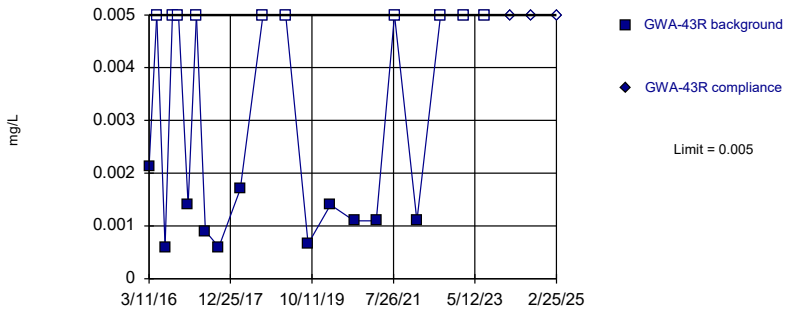
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



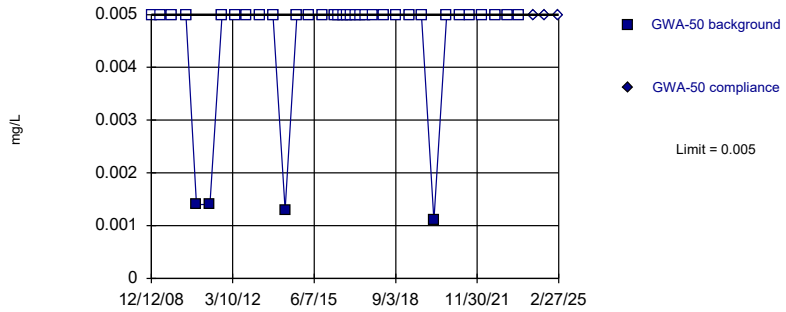
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 47.62% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



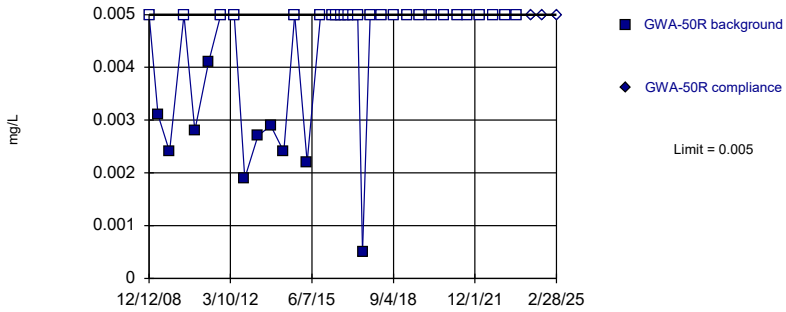
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 72.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

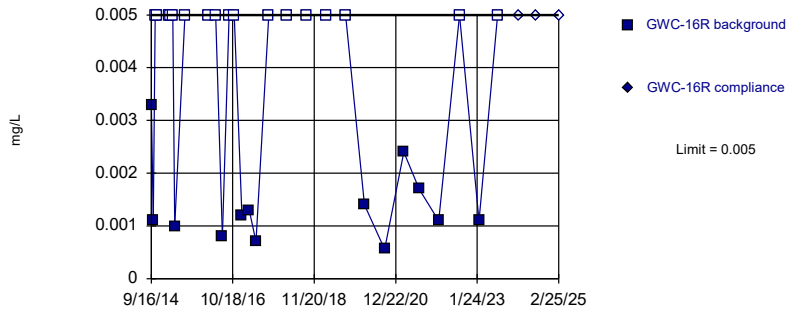
Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 56.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

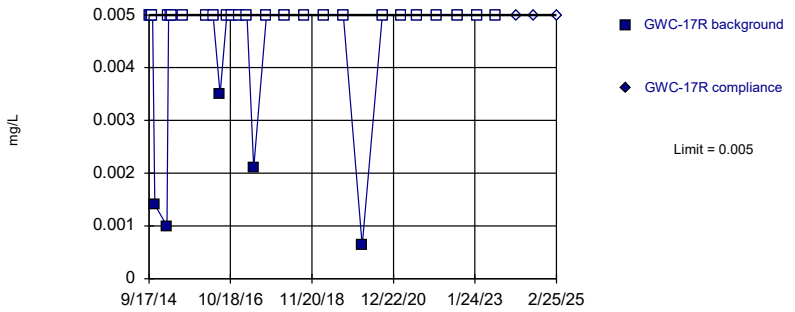
Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

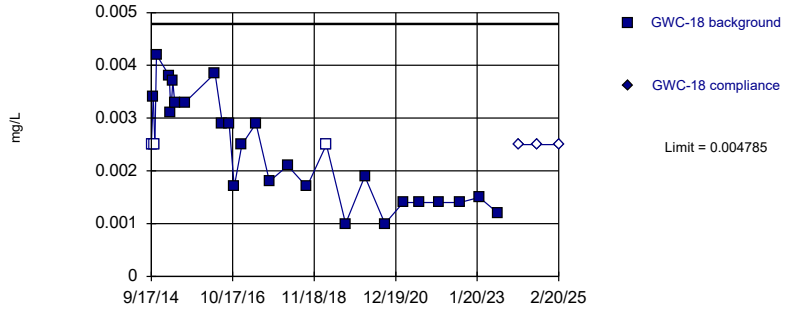
Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.002387, Std. Dev.=0.0009572, n=28, 10.71% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9382, critical = 0.896. Kappa = 2.505 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

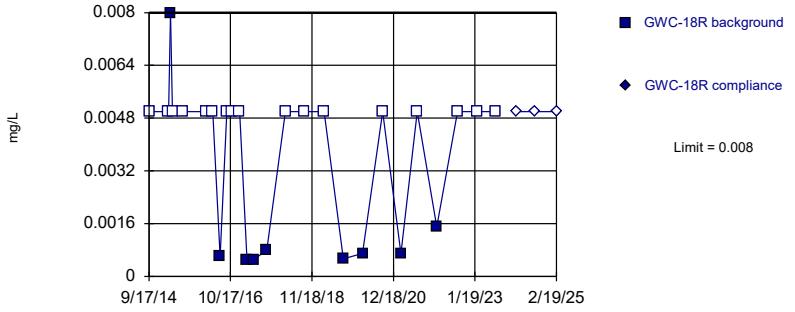
Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



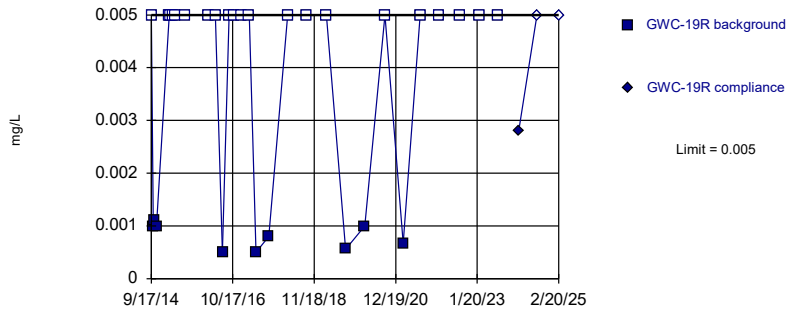
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 65.38% NDs. Well-constituent pair annual alpha = 0.005327. Individual comparison alpha = 0.002667 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



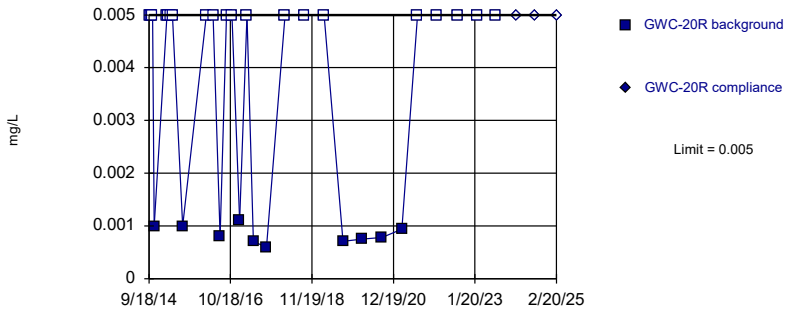
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 70% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



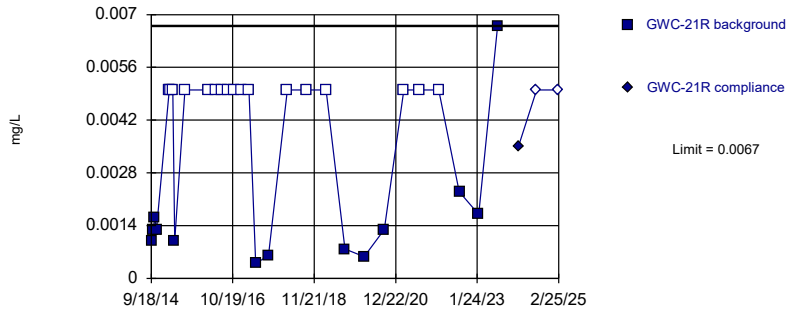
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



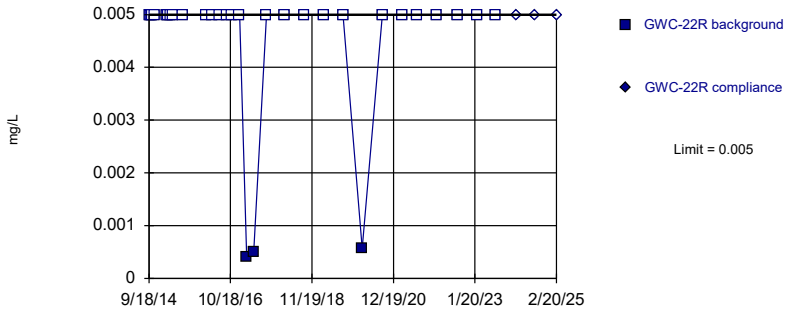
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 56.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



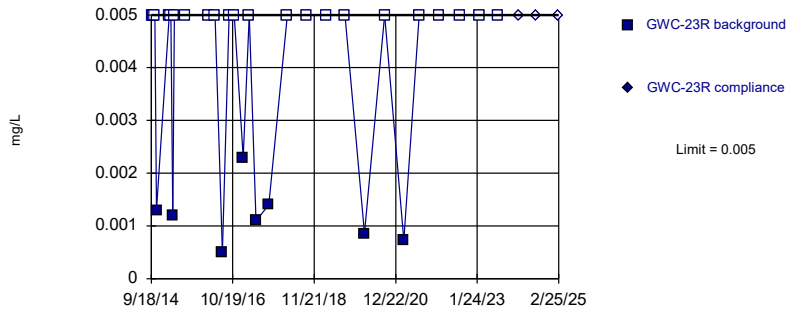
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



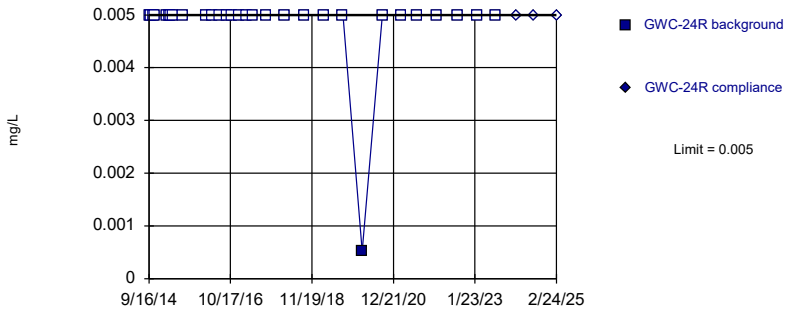
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



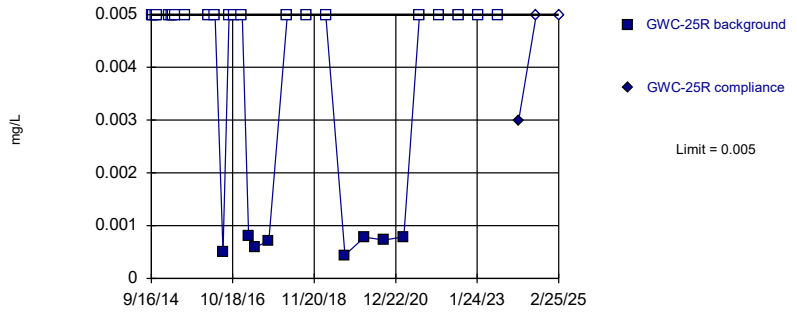
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 96.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



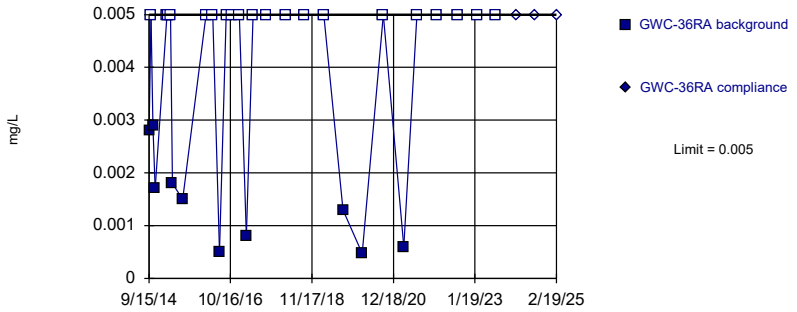
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



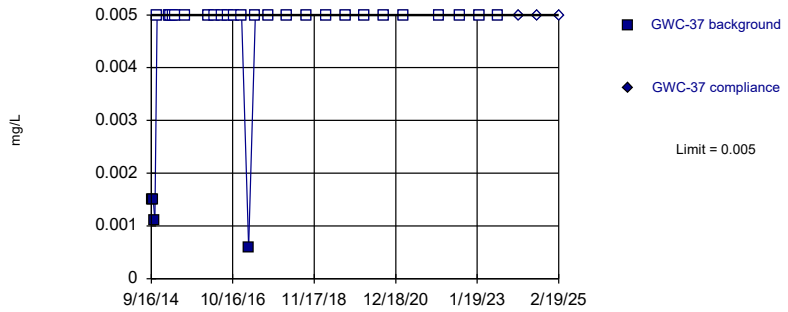
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



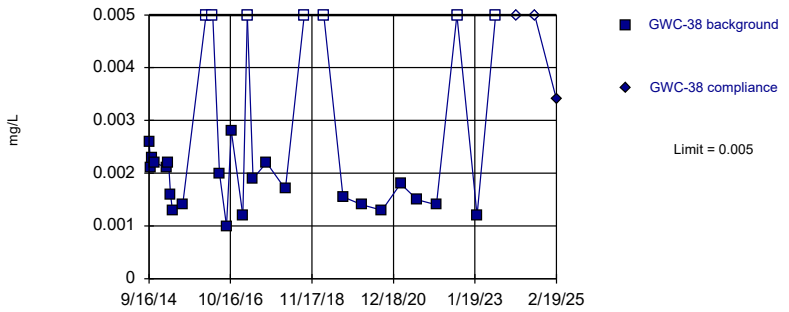
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 86.21% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



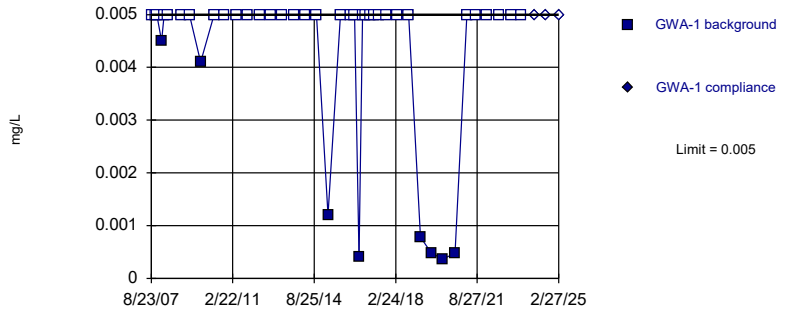
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. 23.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Chromium Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



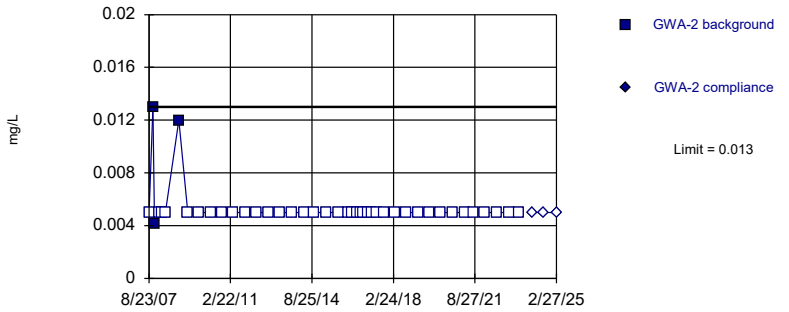
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



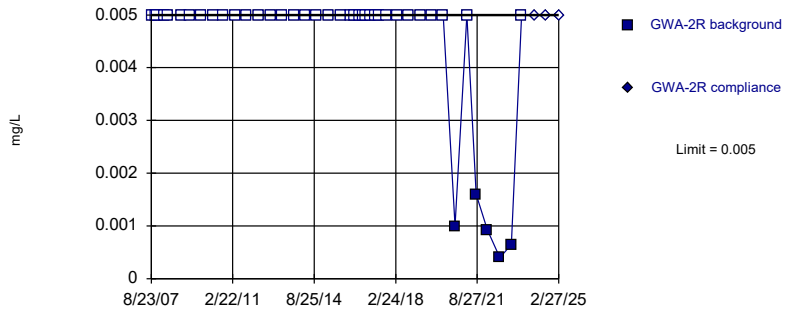
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



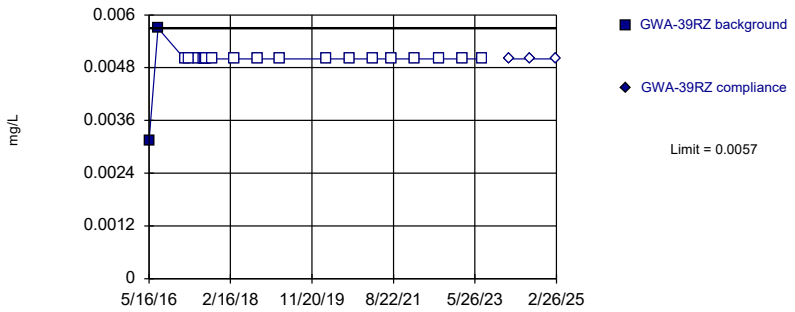
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 87.8% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



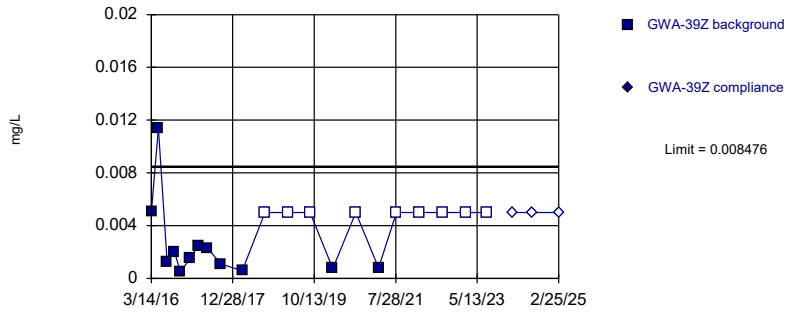
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



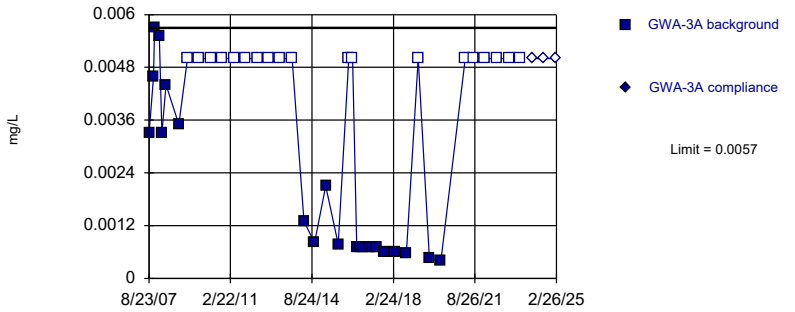
Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1154, Std. Dev.=0.03352, n=21, 42.86% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8773, critical = 0.873. Kappa = 2.641 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



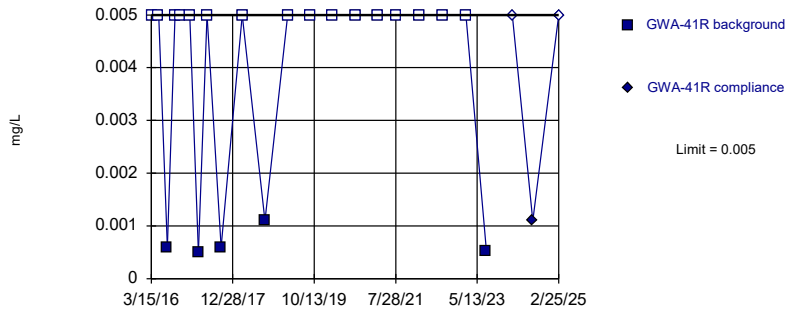
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 41 background values. 46.34% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



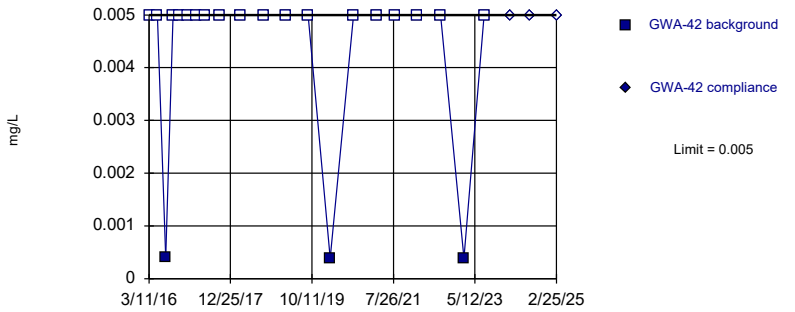
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 76.19% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



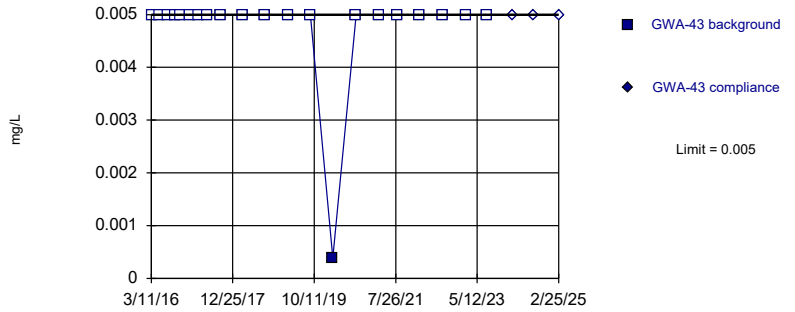
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



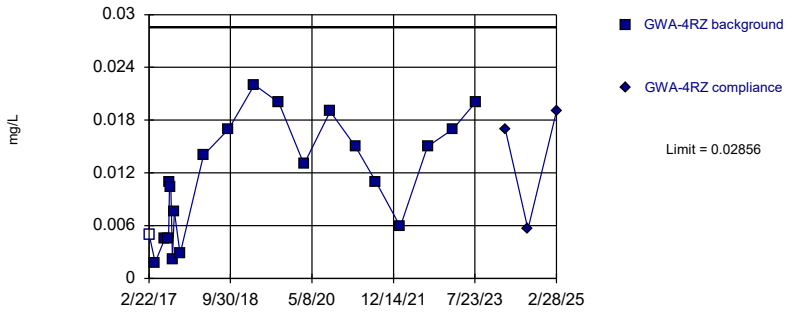
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01137, Std. Dev.=0.00651, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9396, critical = 0.873. Kappa = 2.641 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

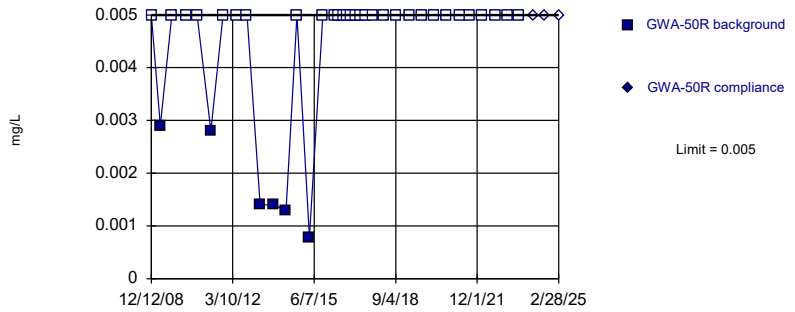
Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

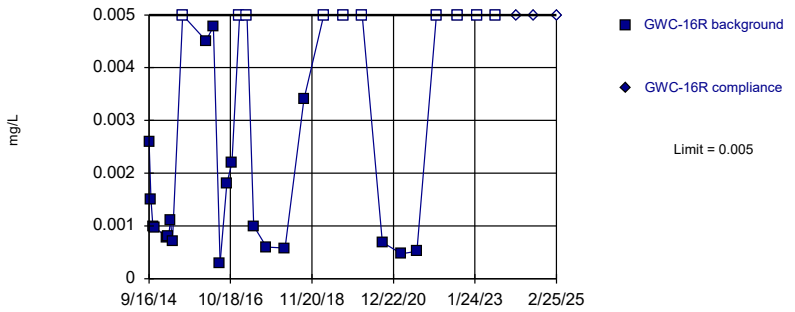
Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. 33.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

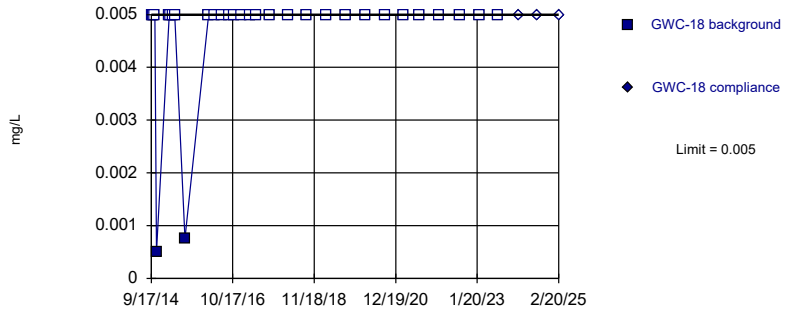
Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

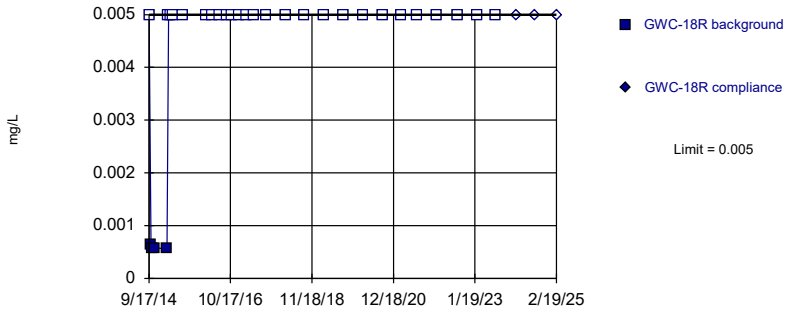
Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



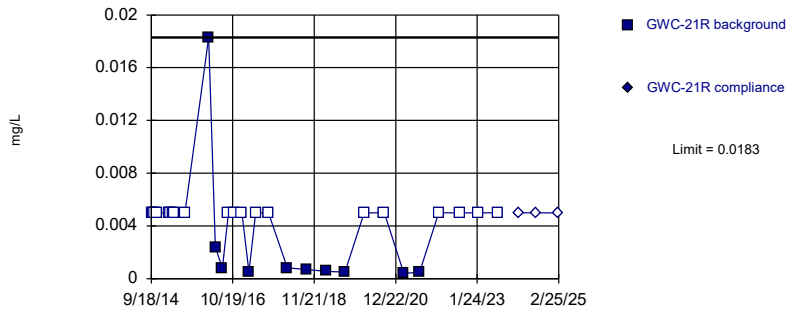
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



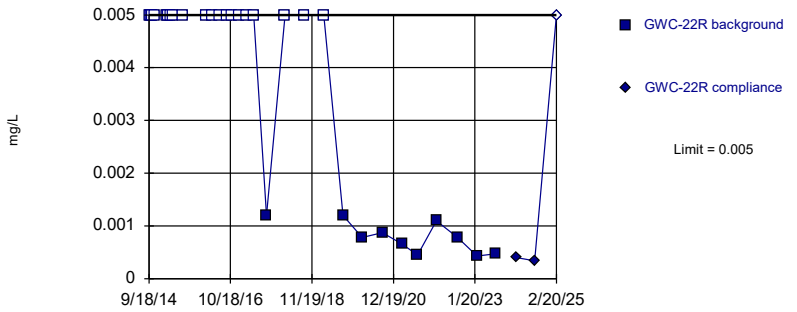
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



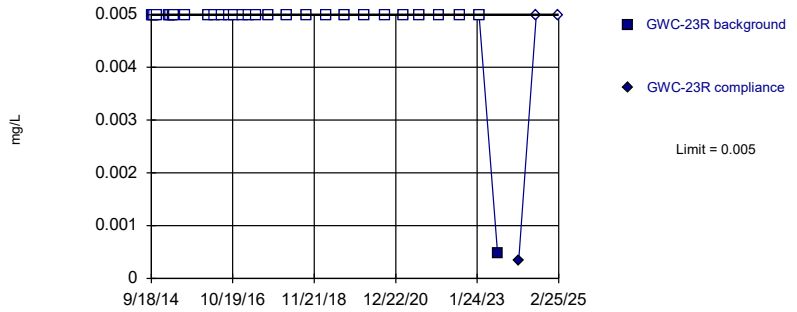
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



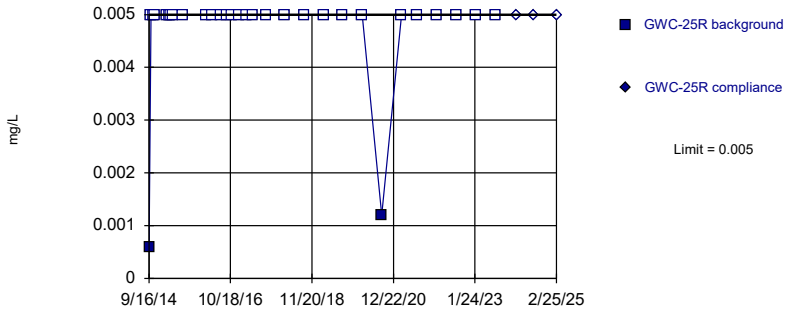
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 96.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

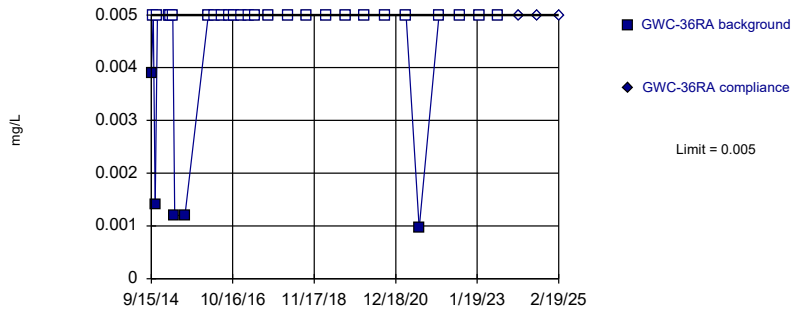
Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell

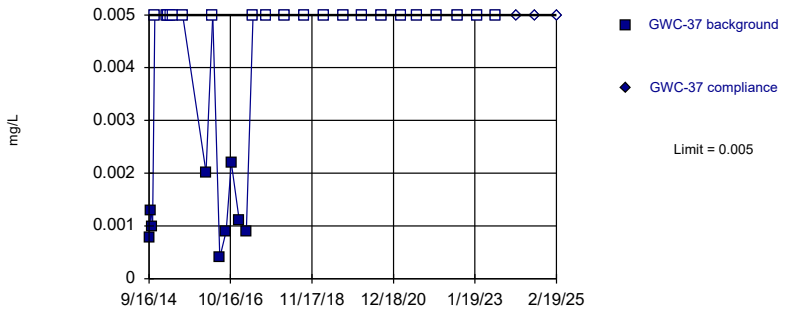
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 70% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell

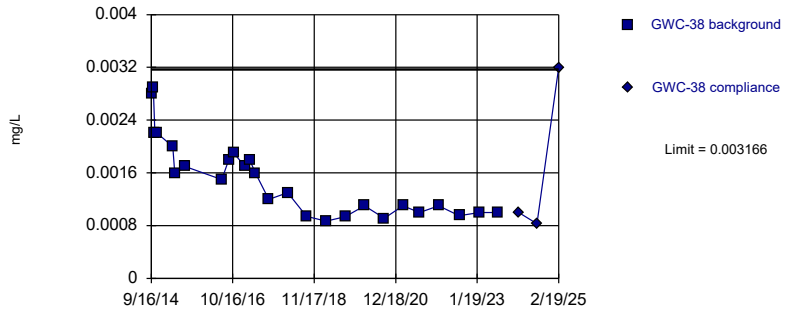
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.03814, Std. Dev.=0.00715, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9075, critical = 0.891. Kappa = 2.535 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Cobalt Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell

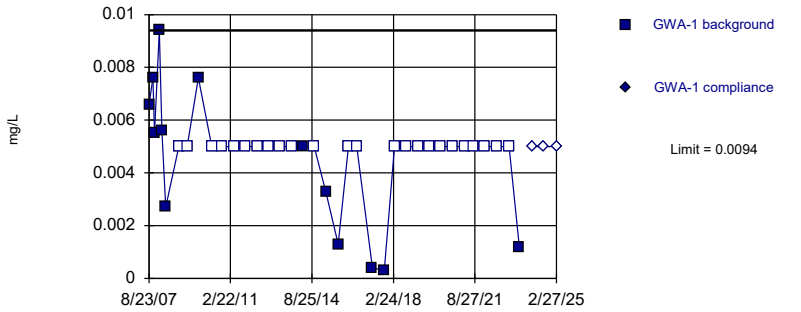
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 64.86% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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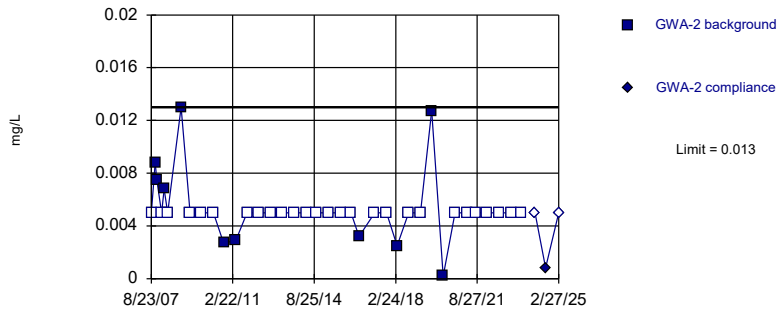
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 72.97% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

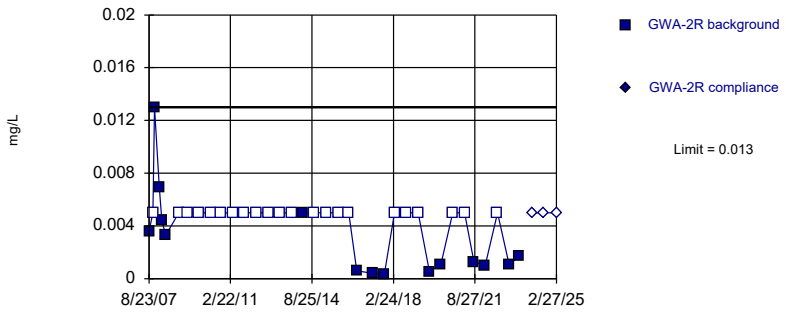
Constituent: Copper Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 59.46% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

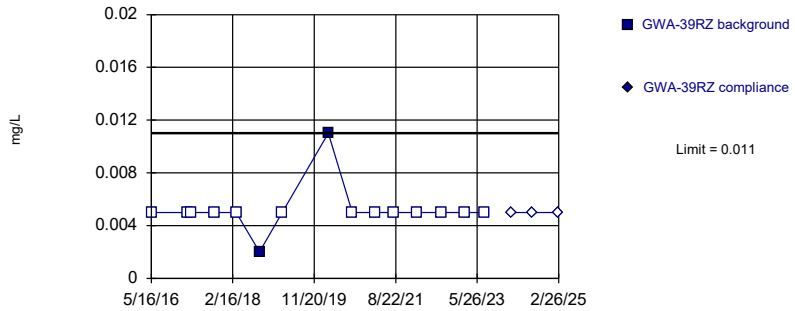
Constituent: Copper Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:15 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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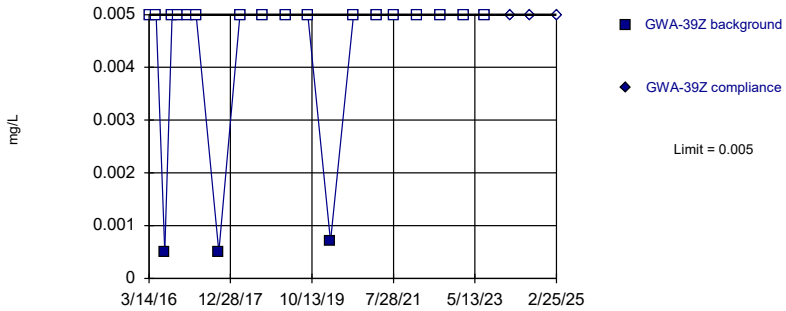
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 85% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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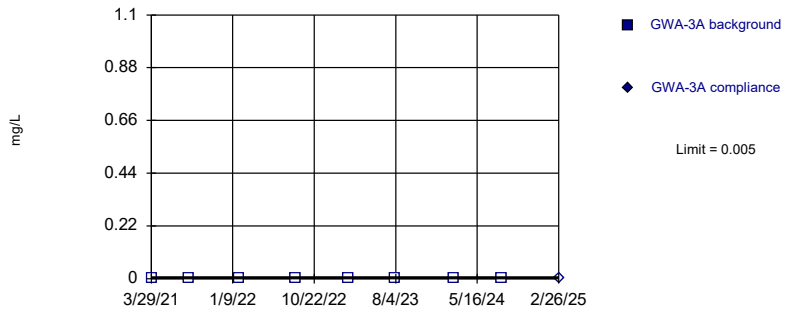
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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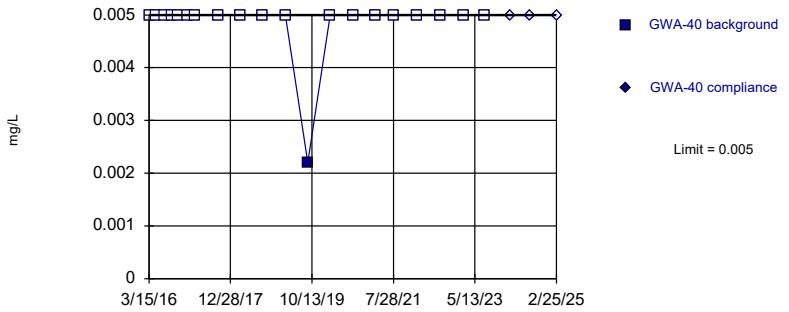
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell

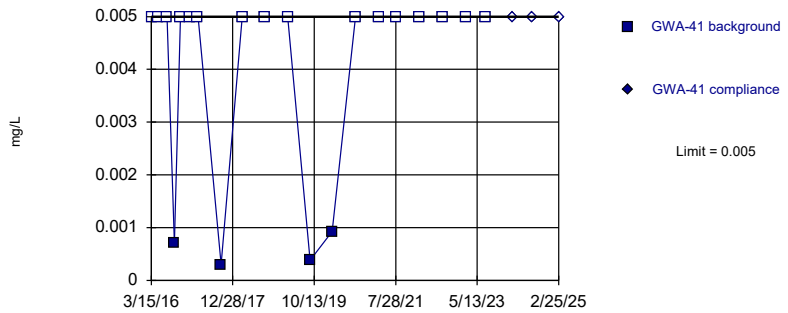
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 80% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell

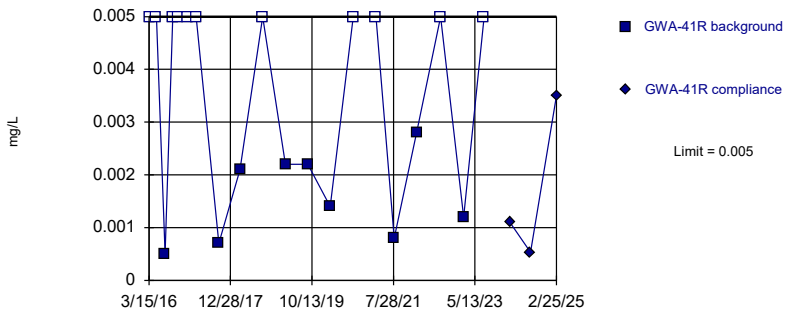
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 55% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

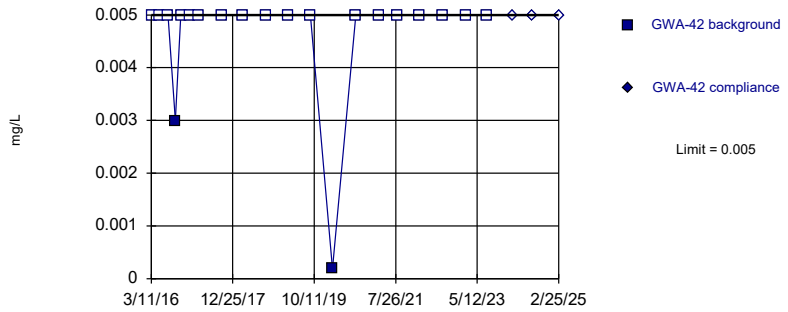
Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



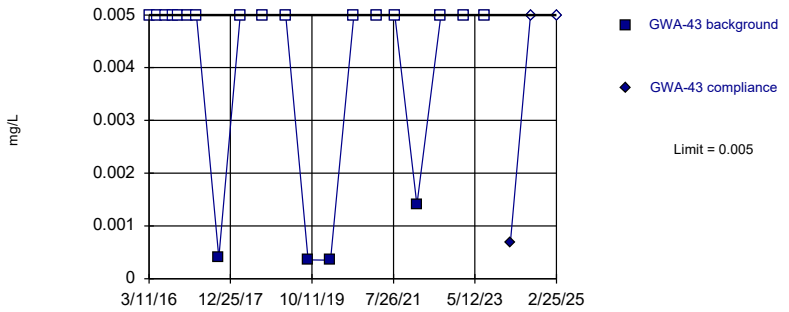
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



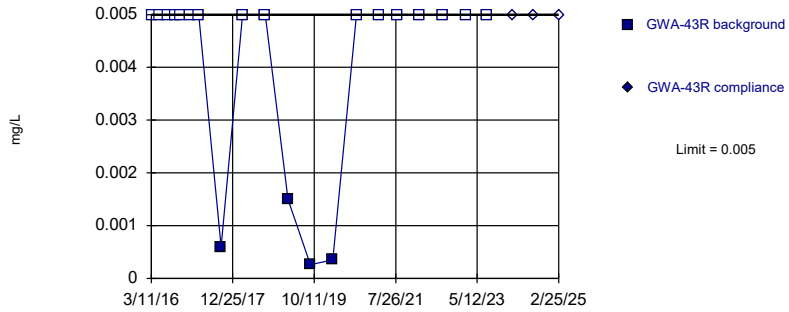
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 80% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



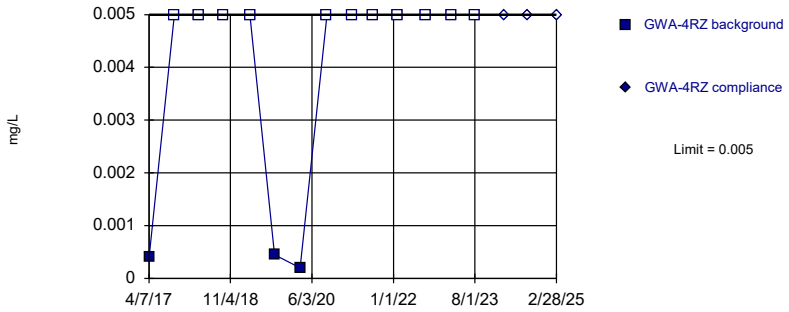
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 80% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

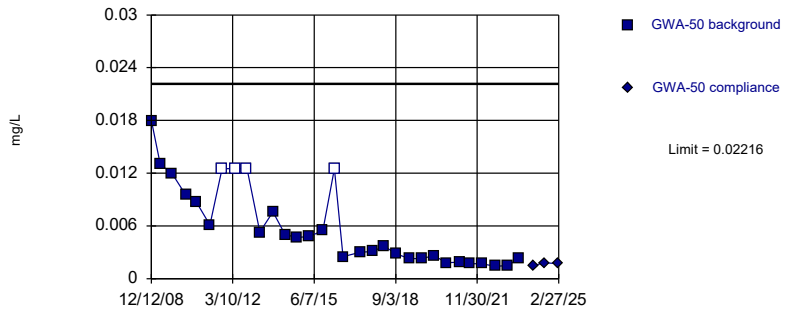
Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=0.1702, Std. Dev.=0.04492, n=31, 12.9% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9045, critical = 0.902. Kappa = 2.466 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell

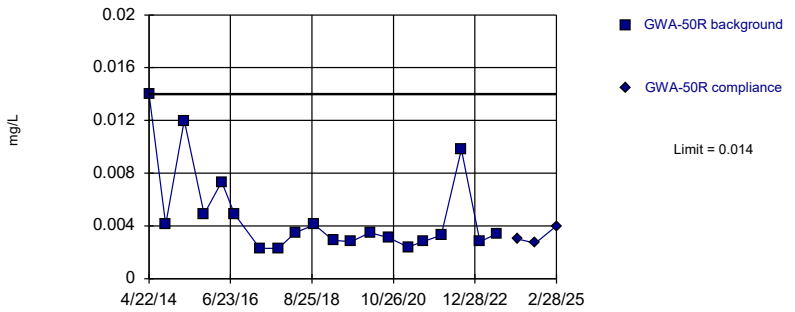
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell

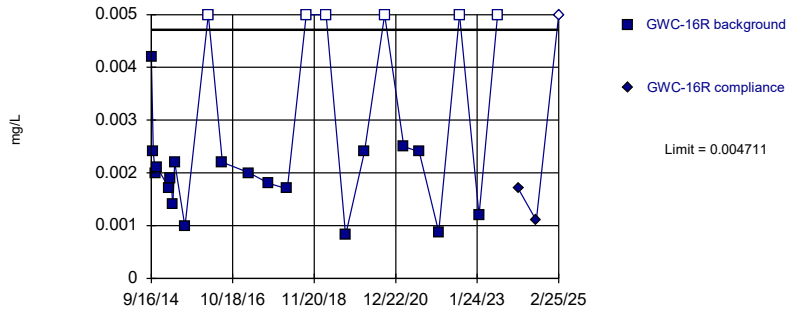
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-6.455, Std. Dev.=0.43, n=25, 24% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9081, critical = 0.888. Kappa = 2.55 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell

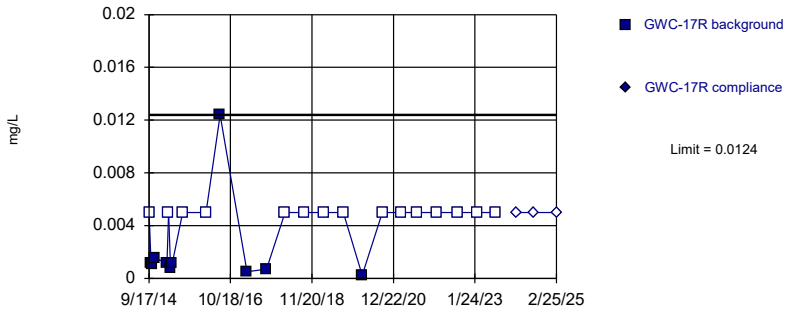
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 60% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell

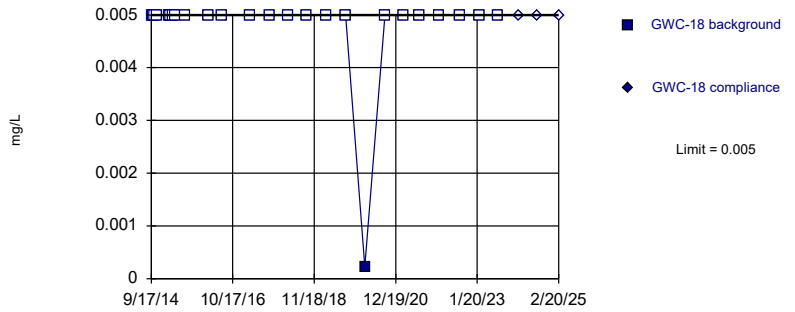
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

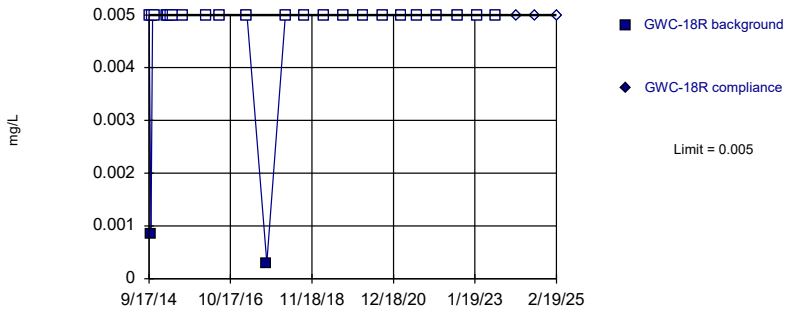
Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

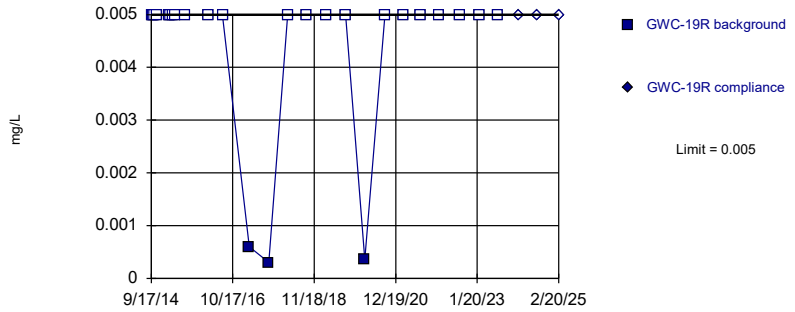
Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 88% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

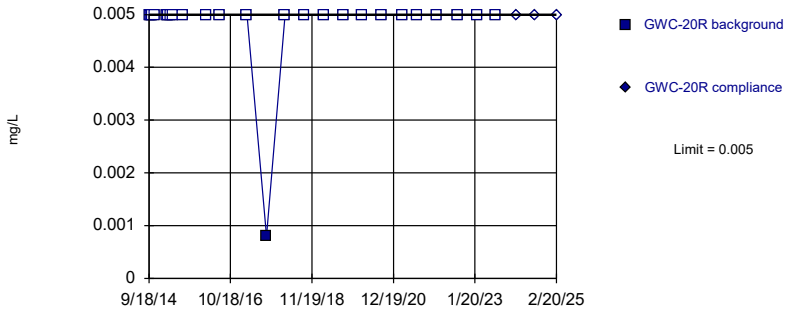
Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



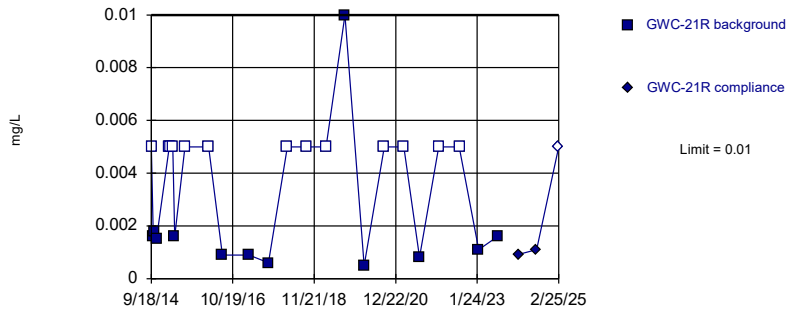
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



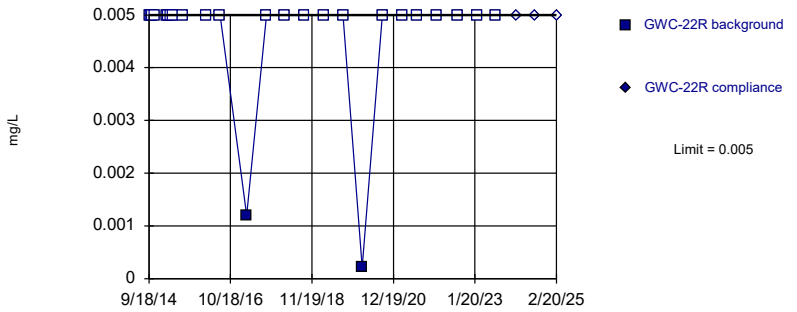
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 52% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



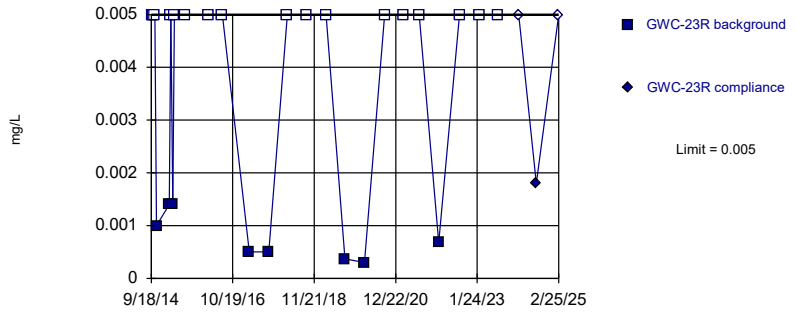
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



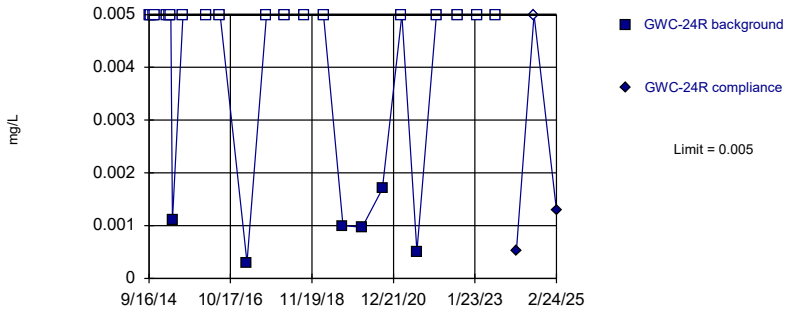
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 68% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



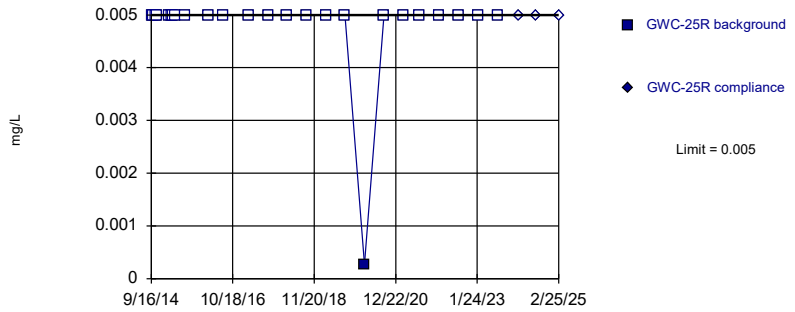
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 76% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



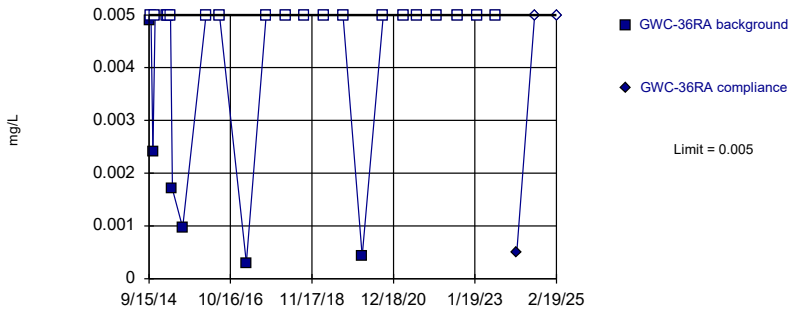
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



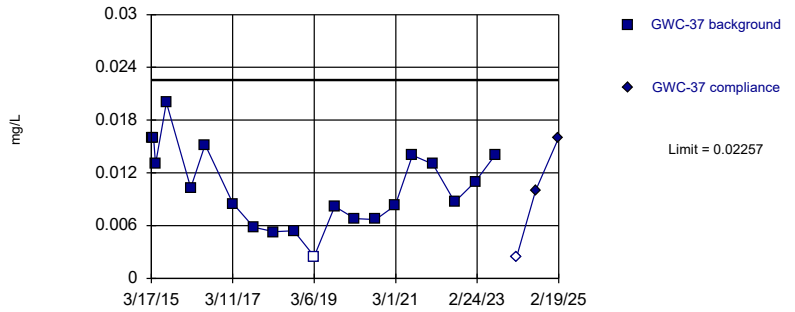
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 76% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



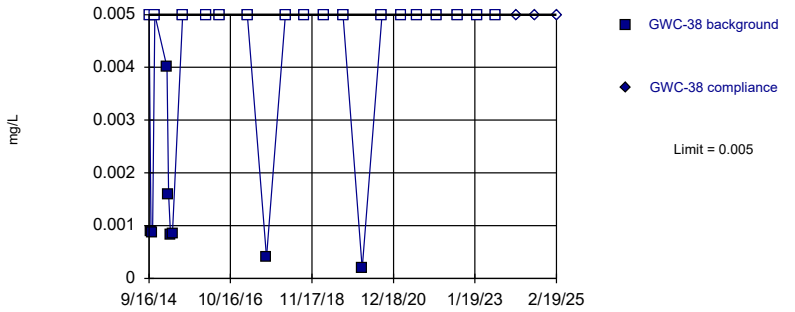
Background Data Summary: Mean=0.01043, Std. Dev.=0.004558, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9672, critical = 0.868. Kappa = 2.664 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



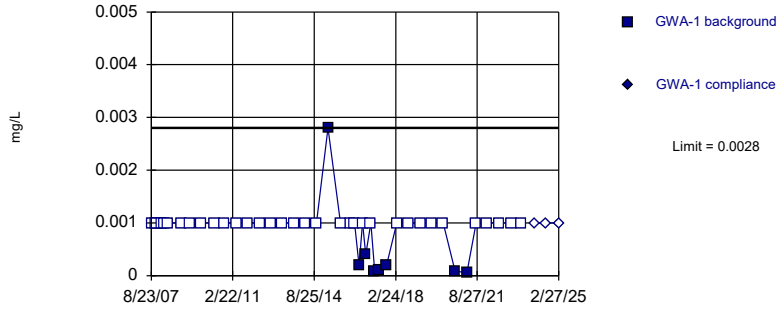
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 68% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Copper Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



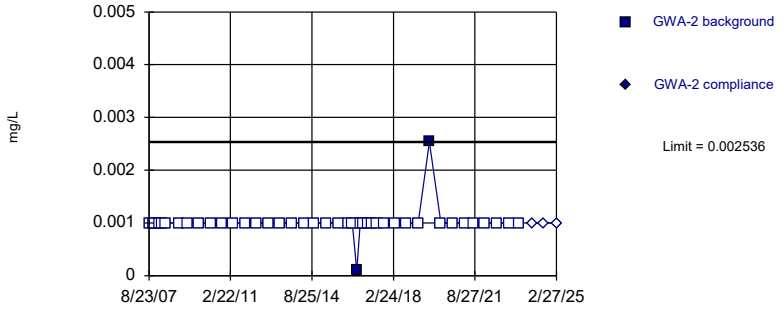
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



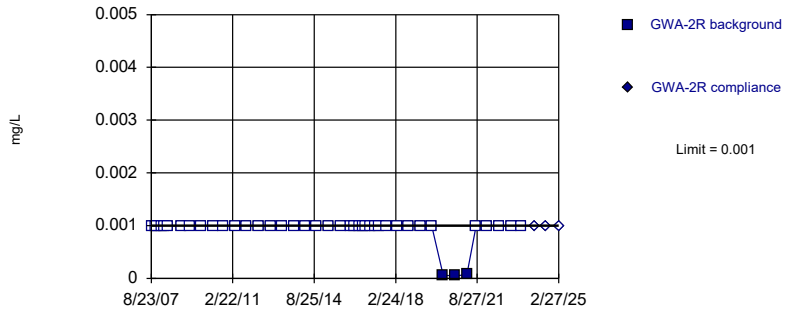
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



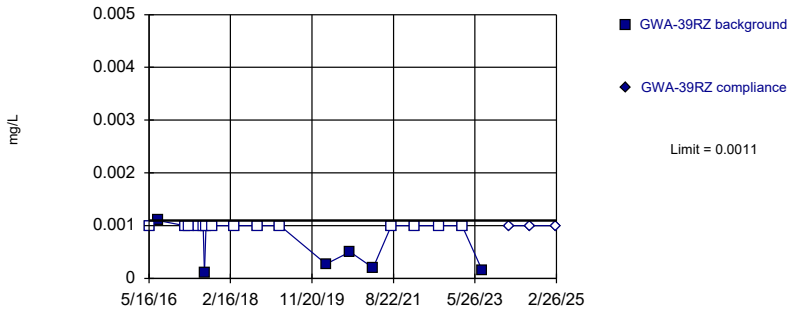
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



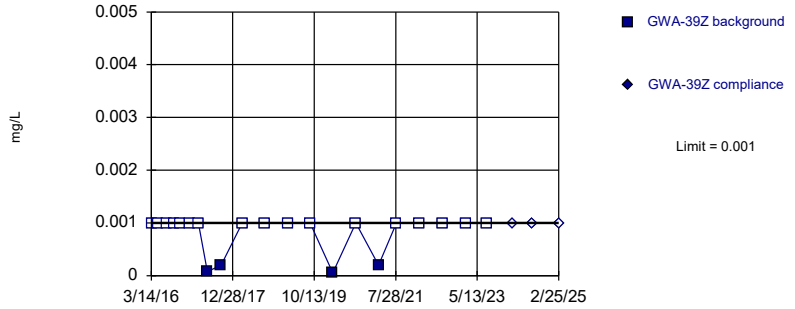
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 70% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



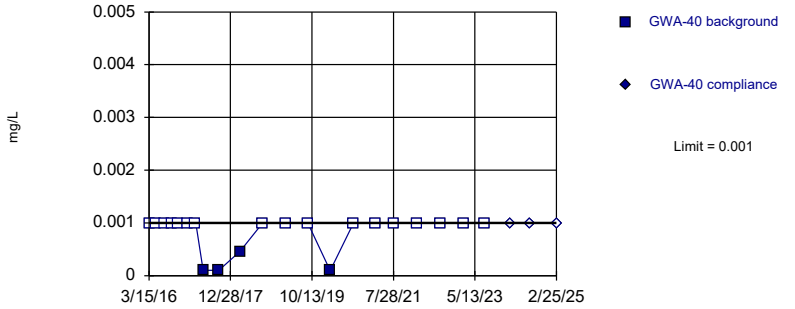
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



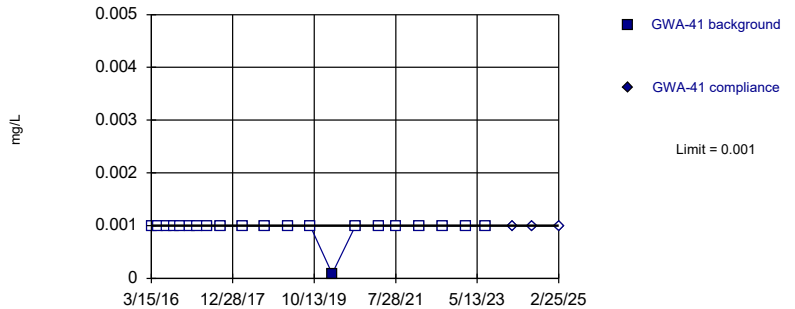
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 80.95% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



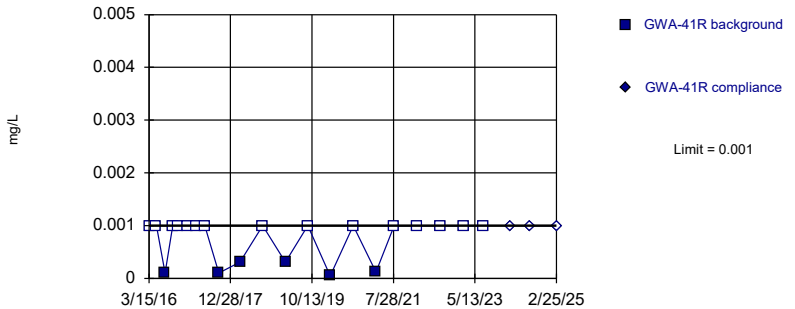
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



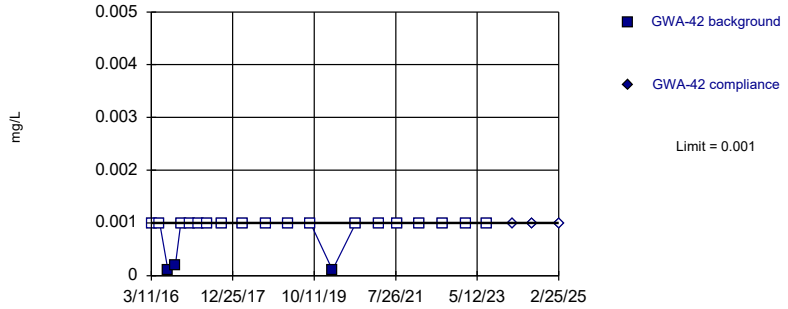
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



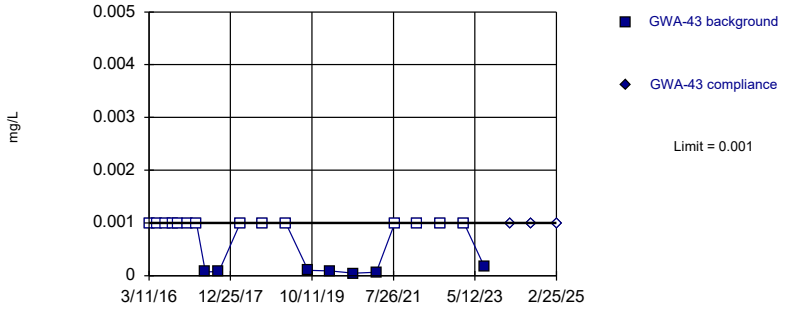
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



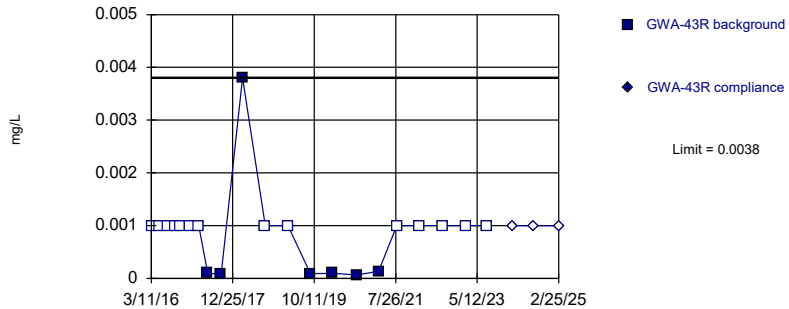
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



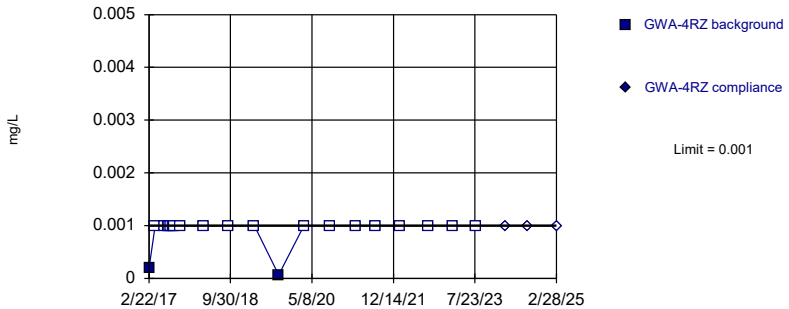
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

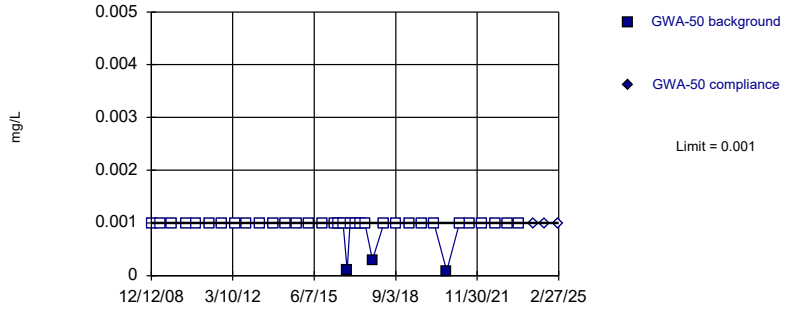
Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

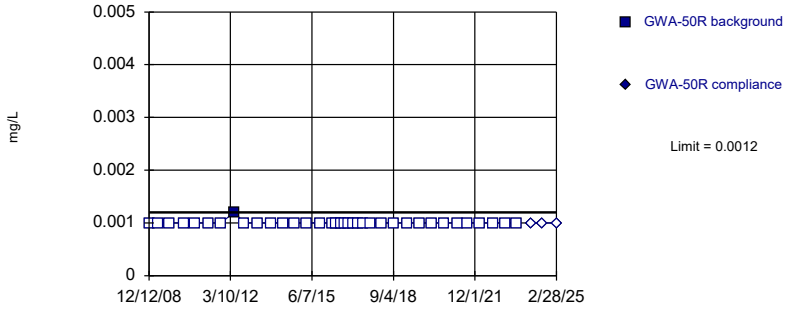
Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

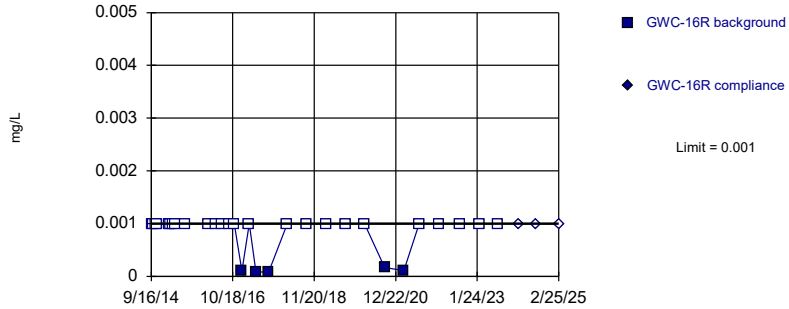
Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

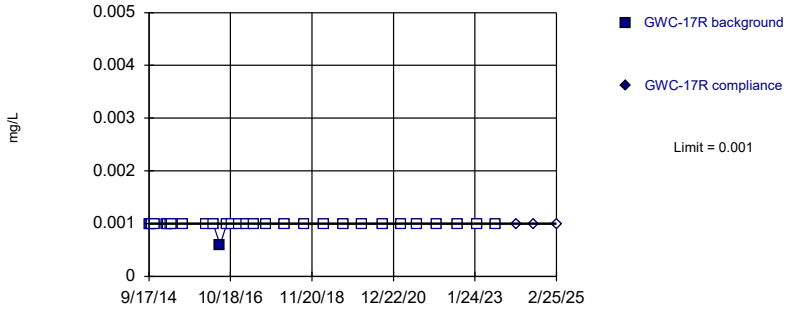
Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



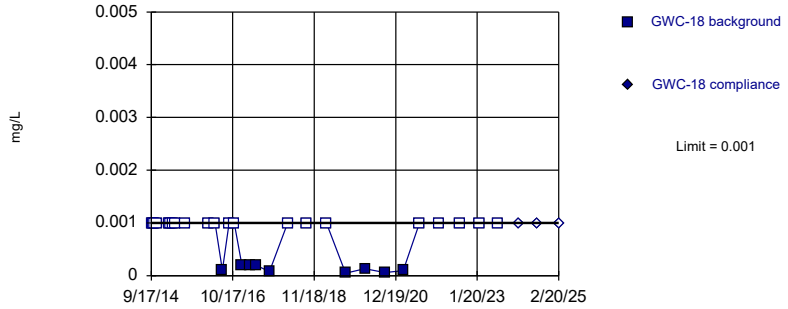
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 96.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



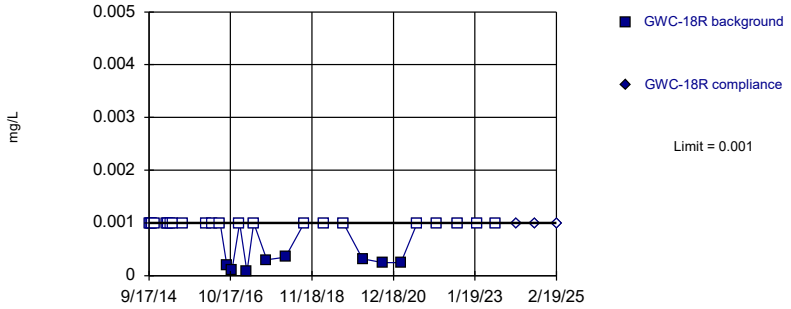
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 70% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



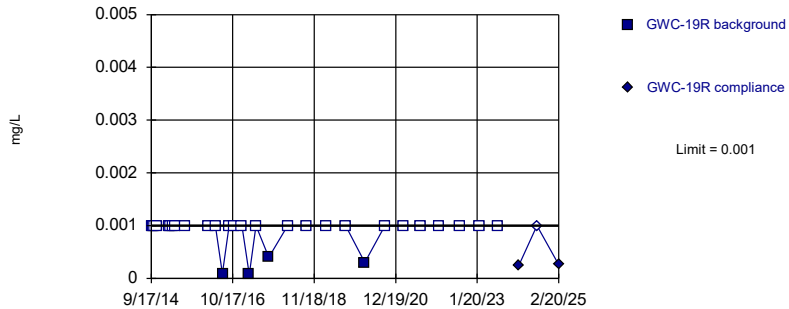
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



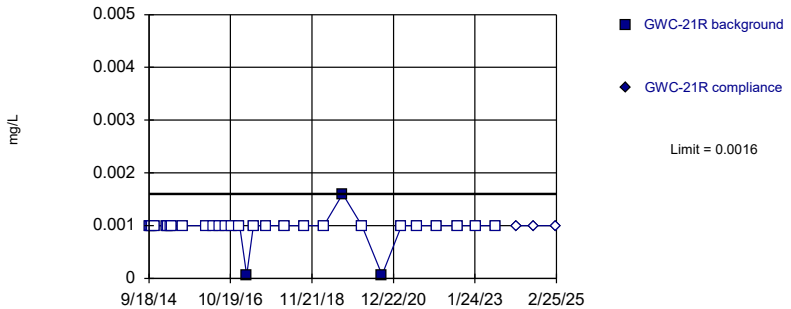
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



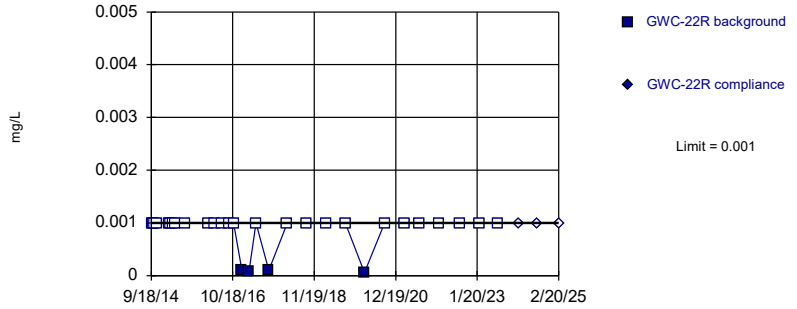
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:16 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



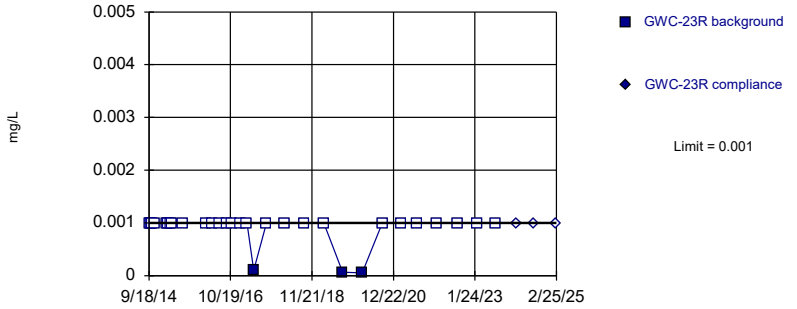
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



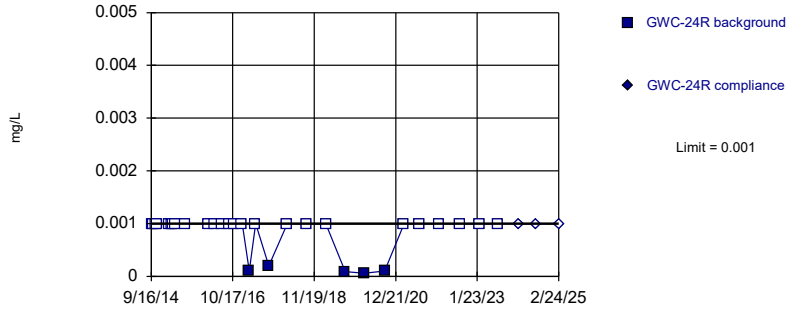
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



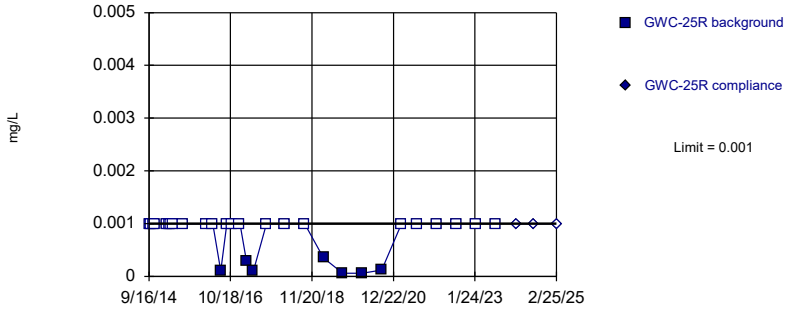
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



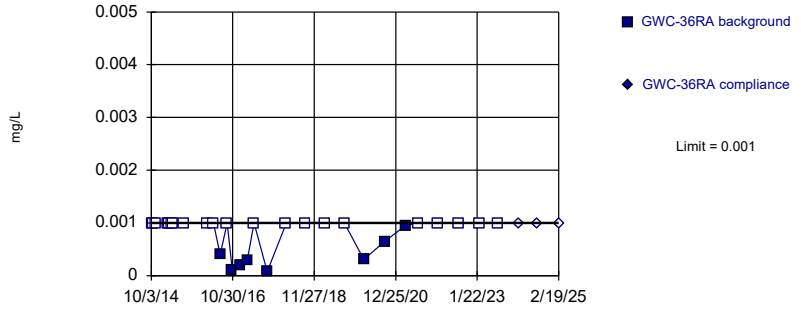
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 76.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



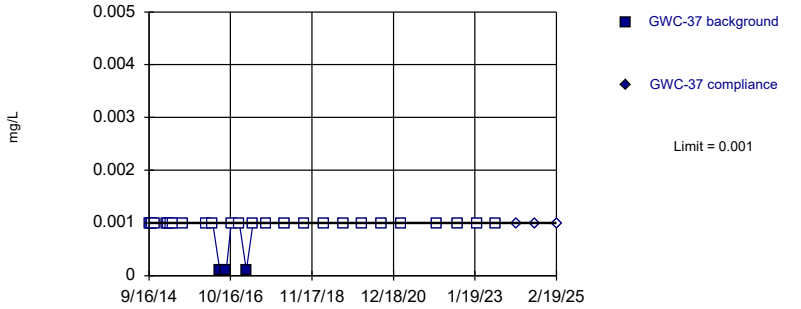
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 72.41% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



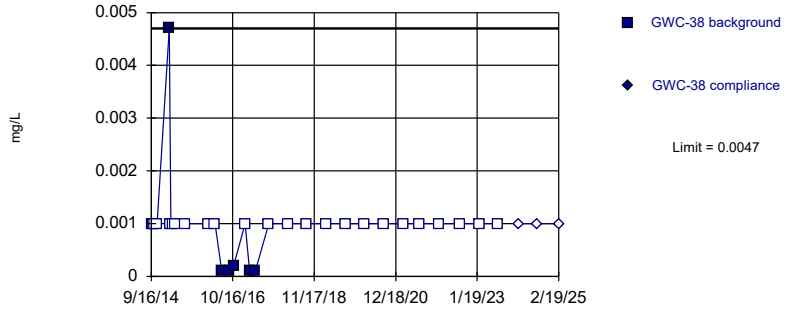
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



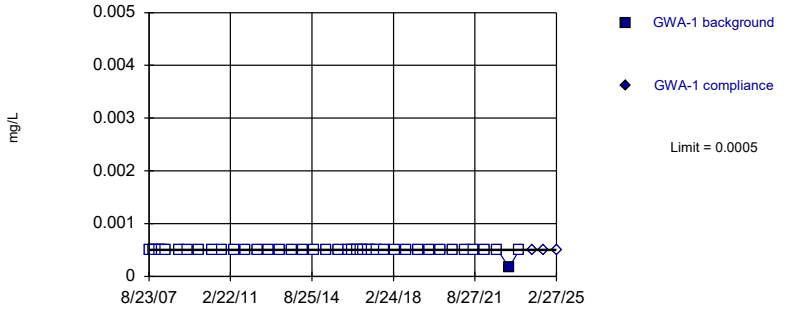
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 80% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Lead Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

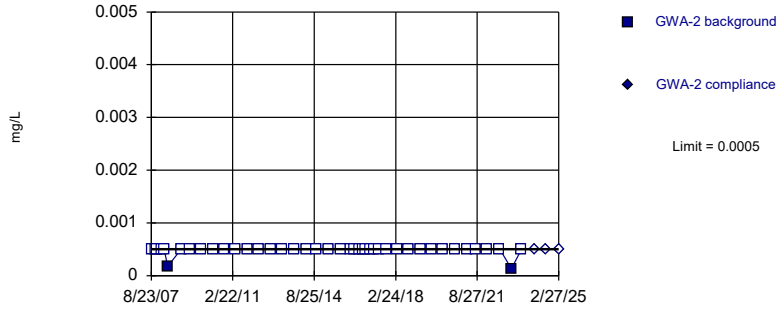
Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

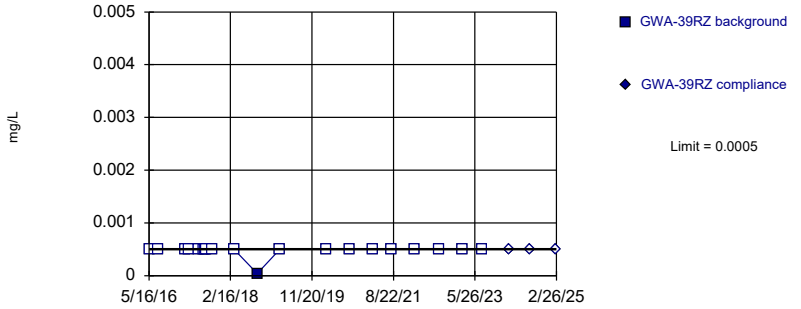
Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

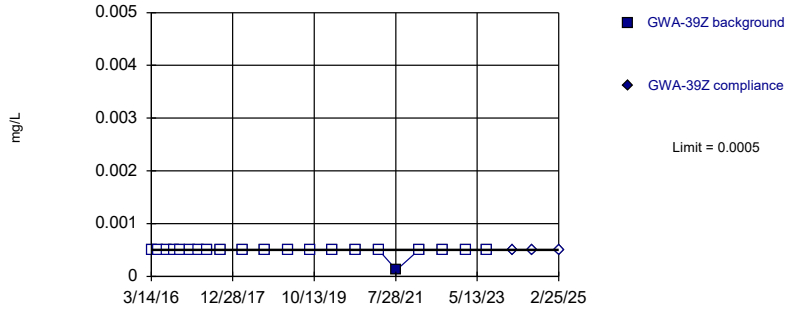
Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

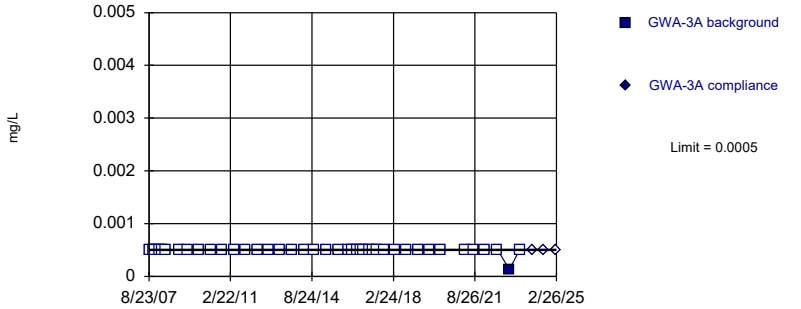
Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



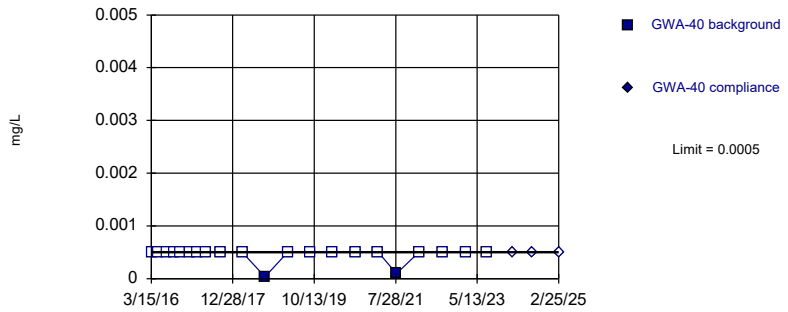
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 97.56% NDs. Well-constituent pair annual alpha = 0.002235. Individual comparison alpha = 0.001118 (1 of 2).

Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



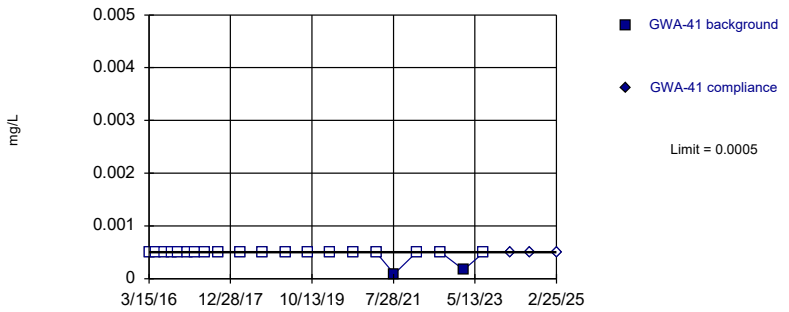
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



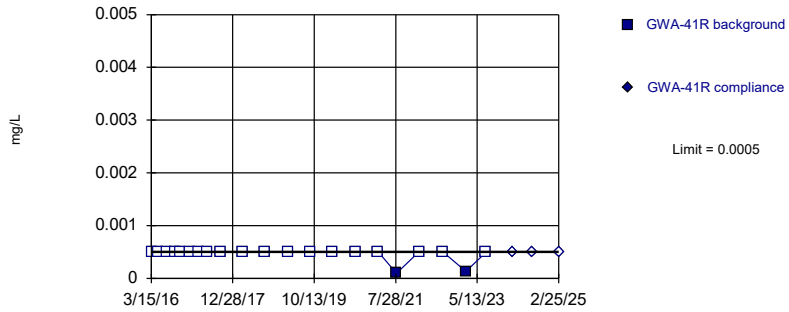
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



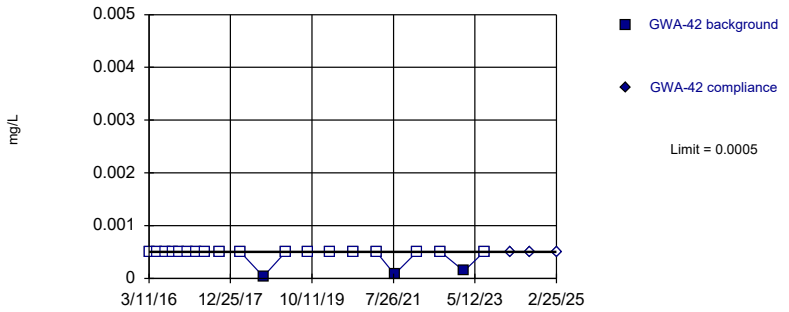
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

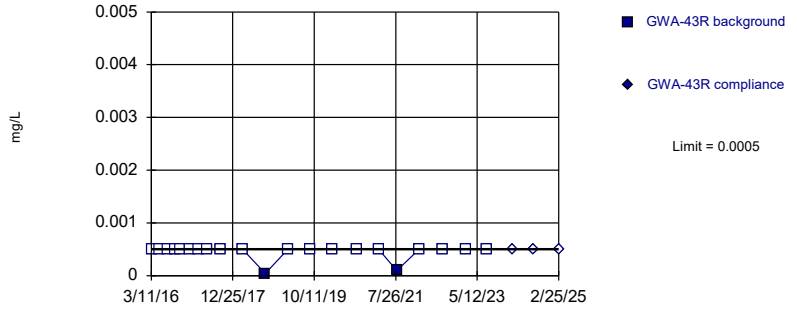
Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

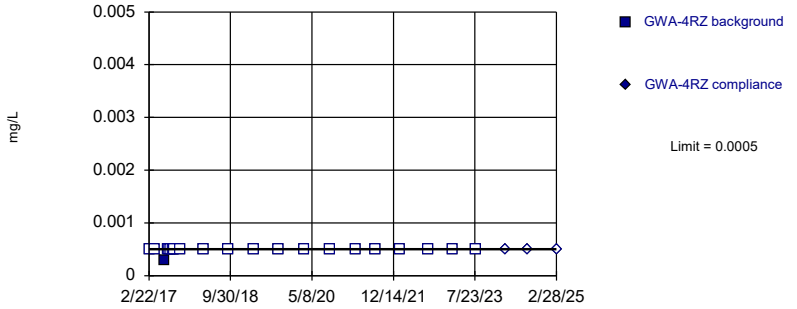
Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

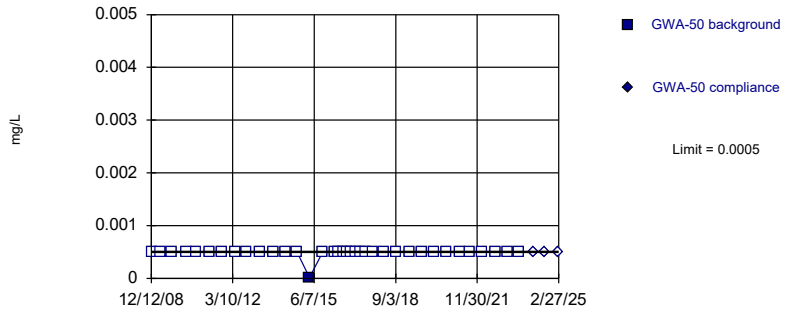
Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

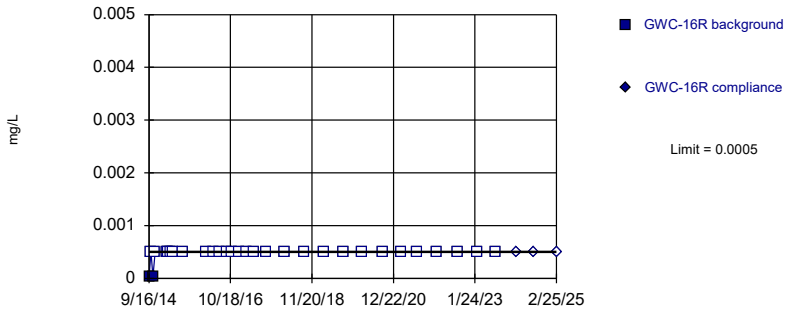
Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

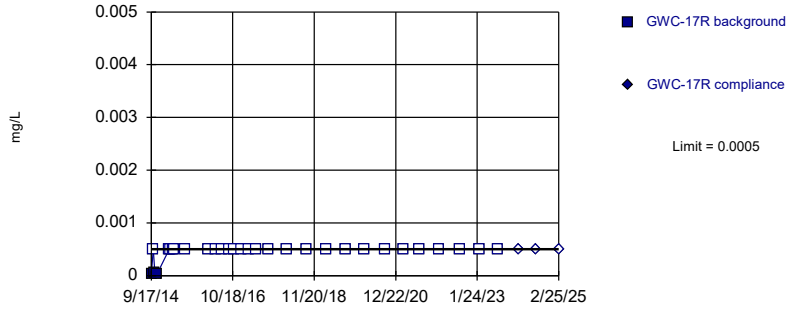
Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

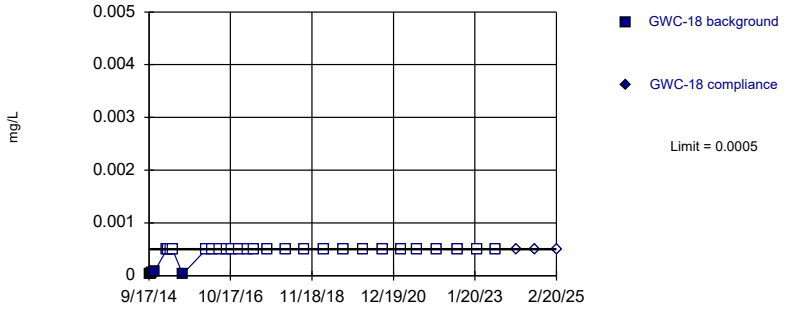
Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

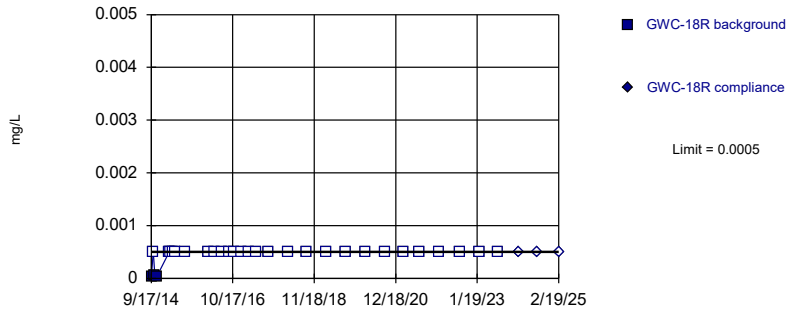
Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

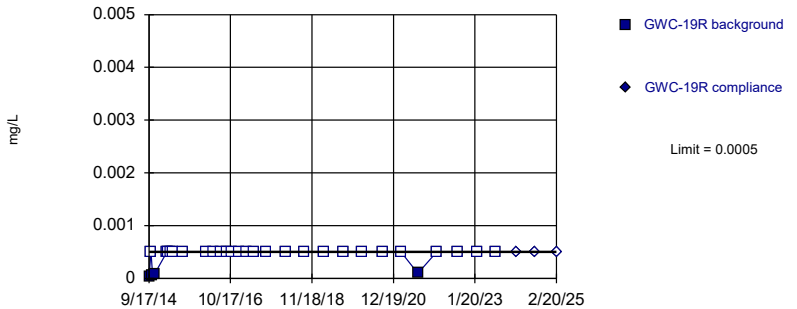
Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



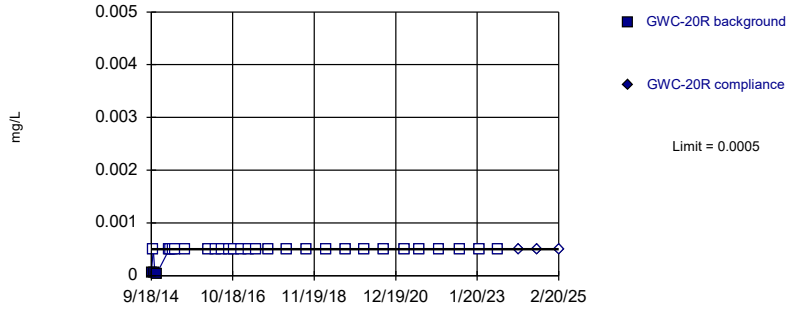
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



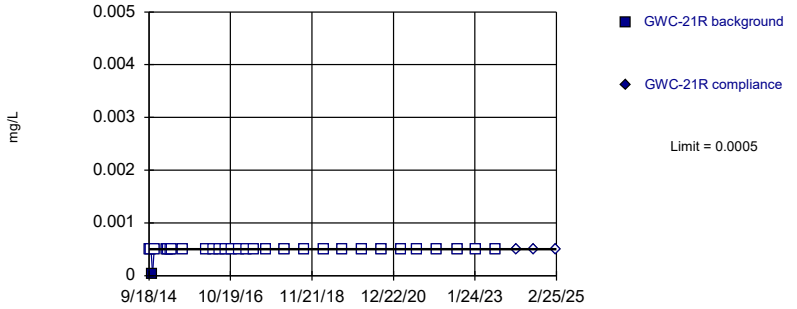
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



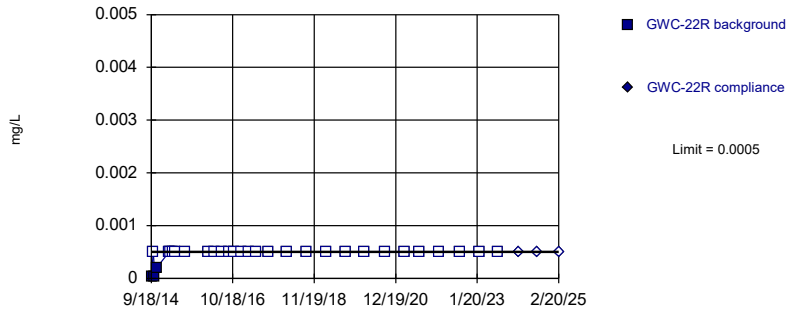
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 96.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



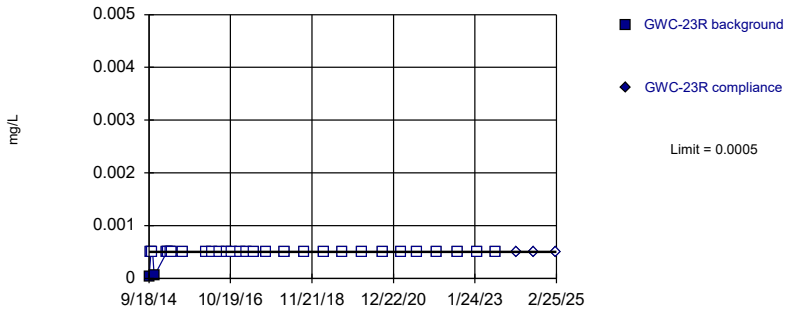
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

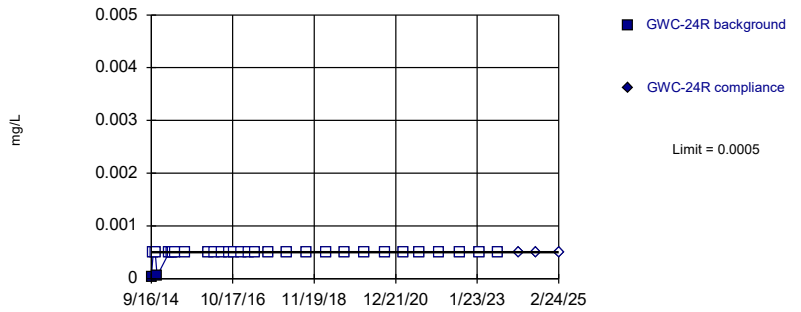
Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell

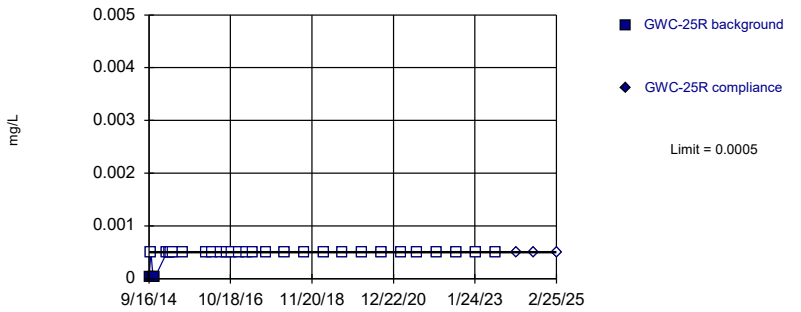
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell

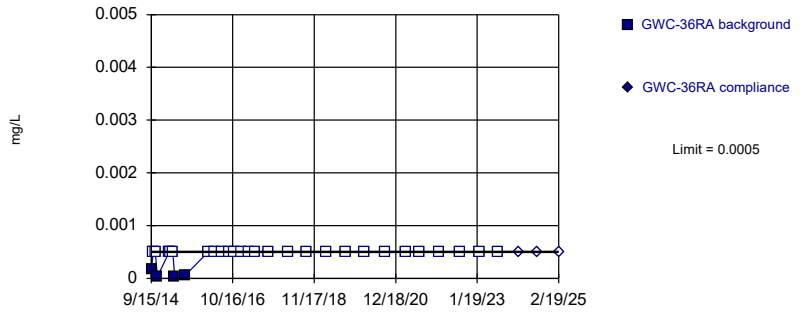
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell

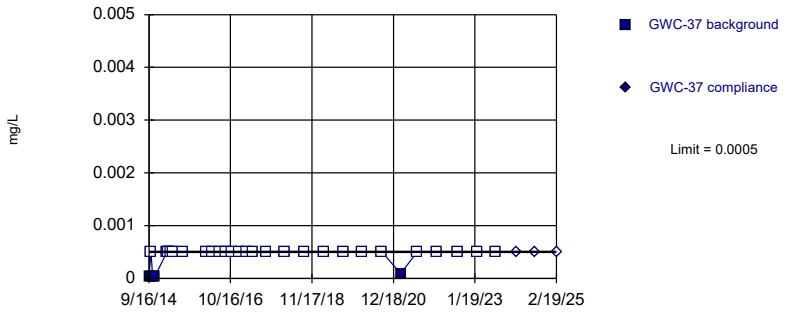
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

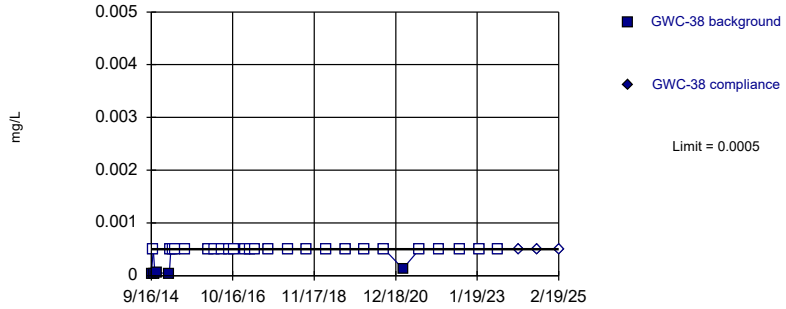
Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



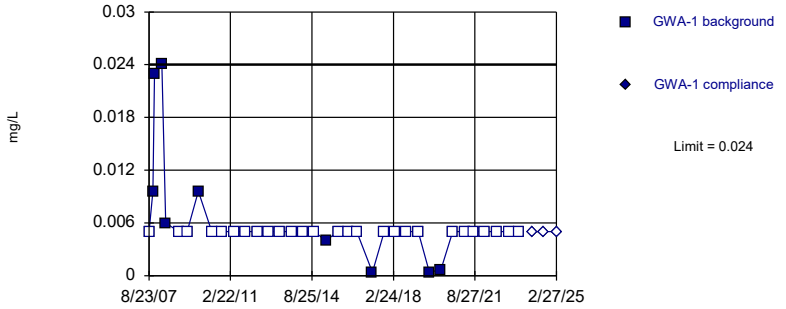
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Mercury Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



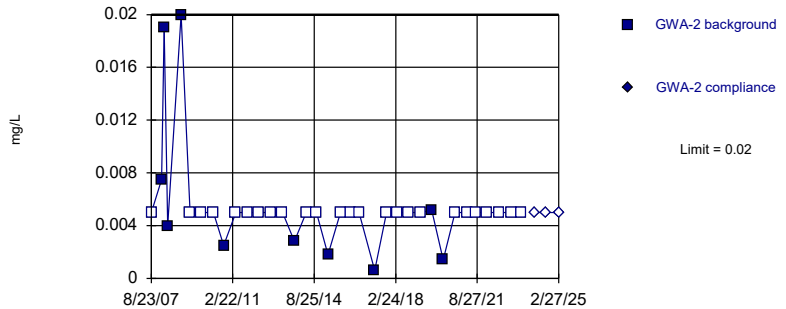
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 75% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



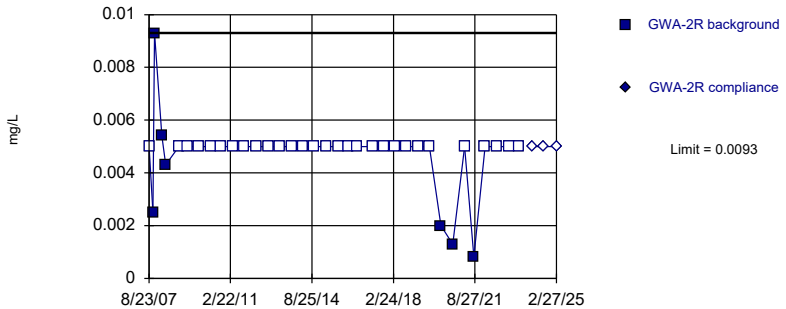
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



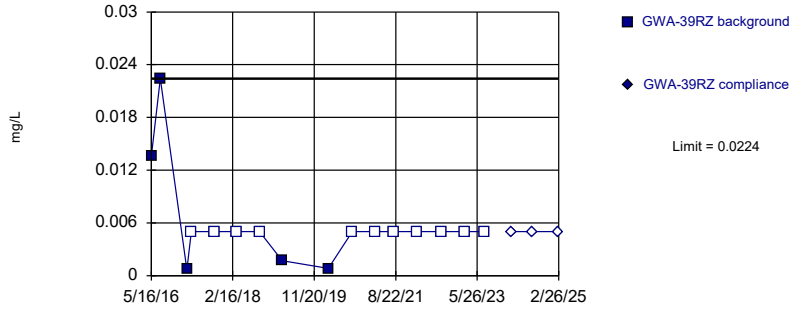
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 80.56% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



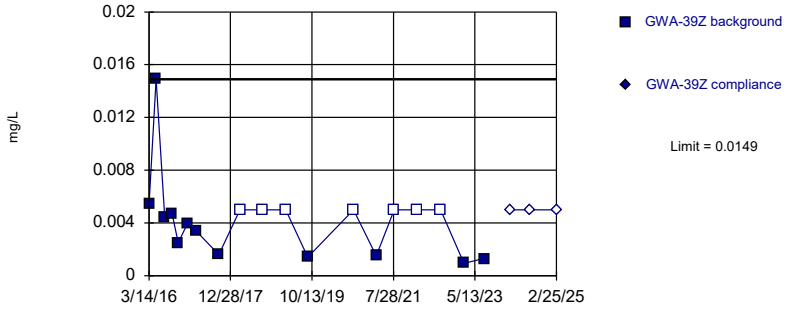
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



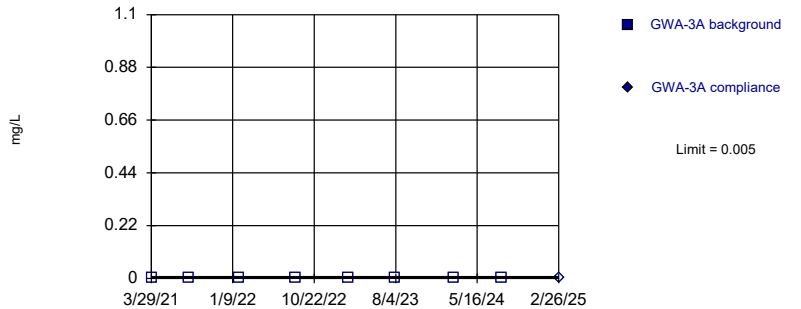
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. 36.84% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



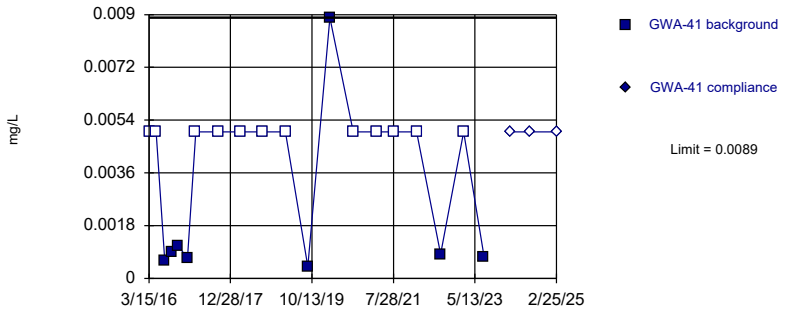
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



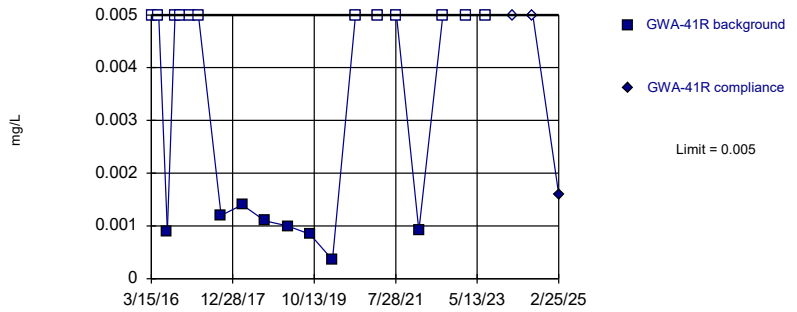
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 60% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



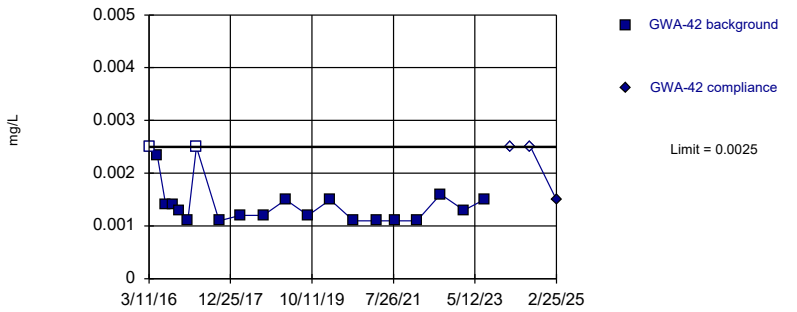
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 60% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



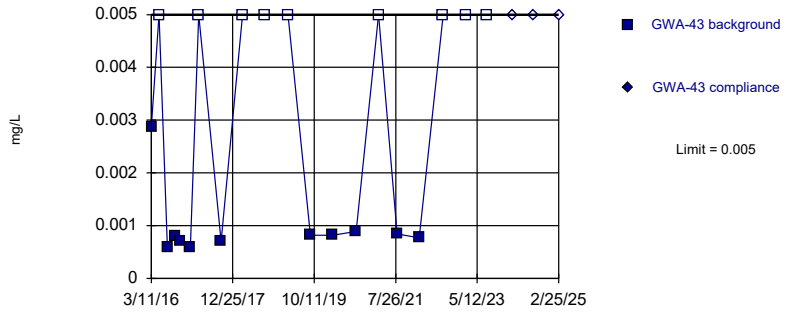
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 10% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



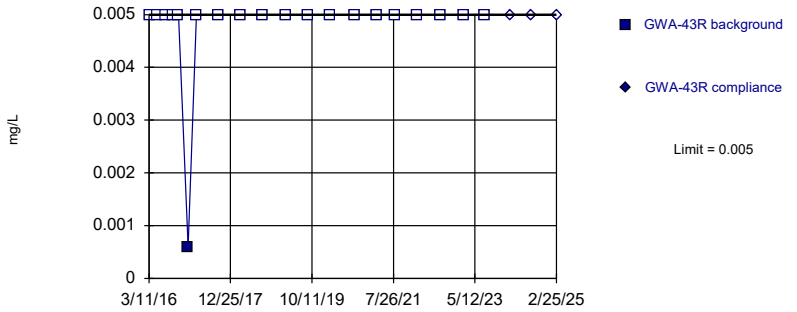
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 45% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

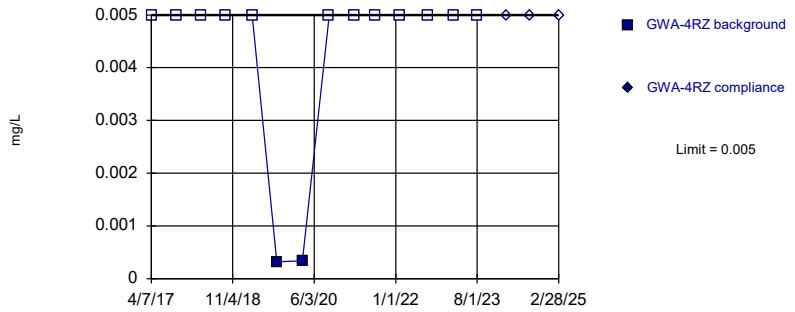
Constituent: Nickel Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

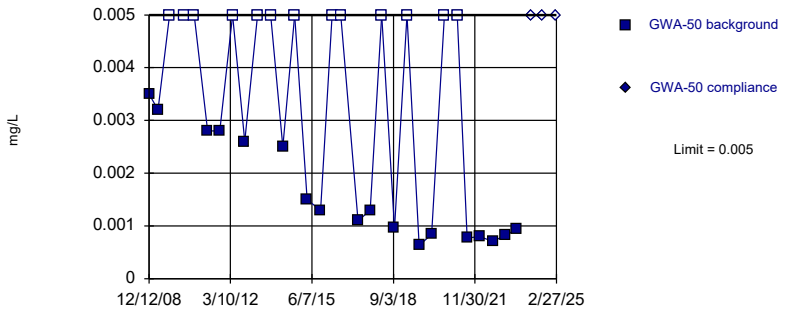
Constituent: Nickel Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 41.94% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

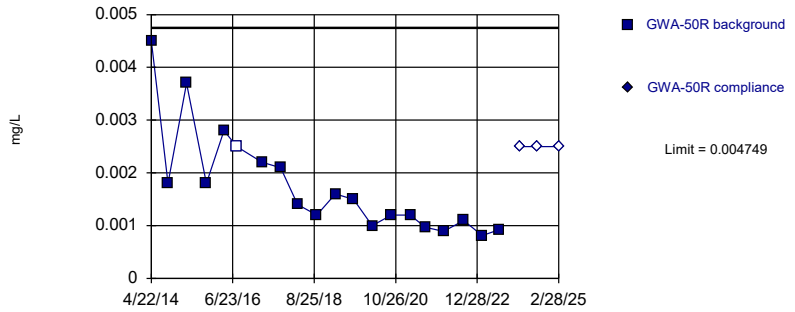
Constituent: Nickel Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.04065, Std. Dev.=0.01061, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8975, critical = 0.868. Kappa = 2.664 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

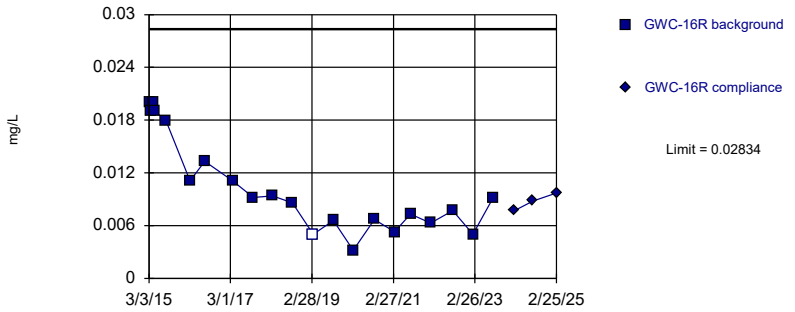
Constituent: Nickel Analysis Run 6/26/2025 11:17 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



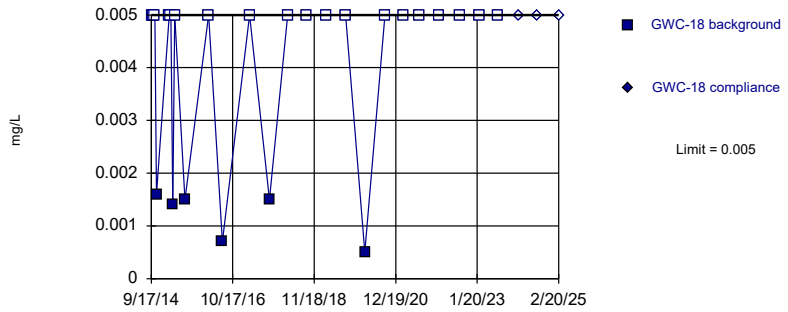
Background Data Summary (based on square root transformation): Mean=0.09934, Std. Dev.=0.02613, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.919, critical = 0.873. Kappa = 2.641 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Nickel Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



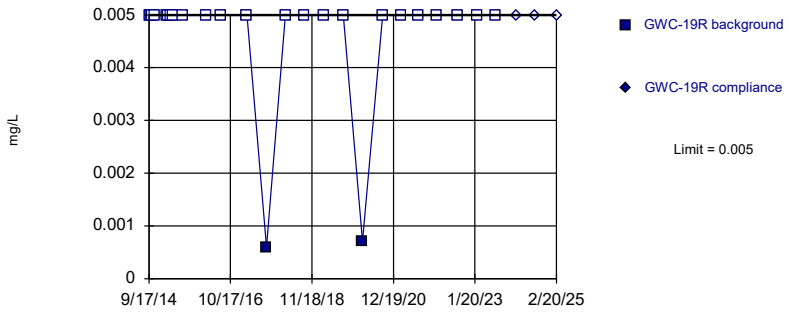
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 76% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



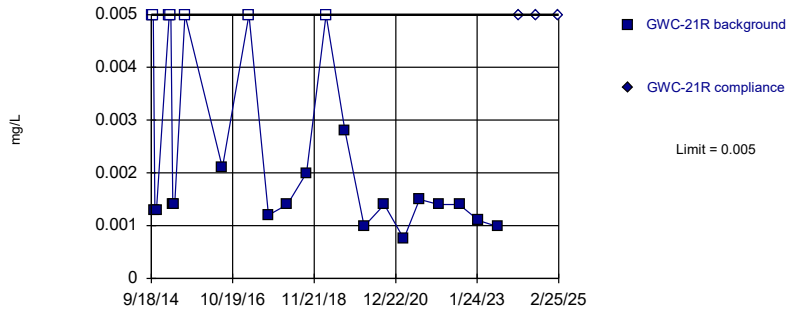
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



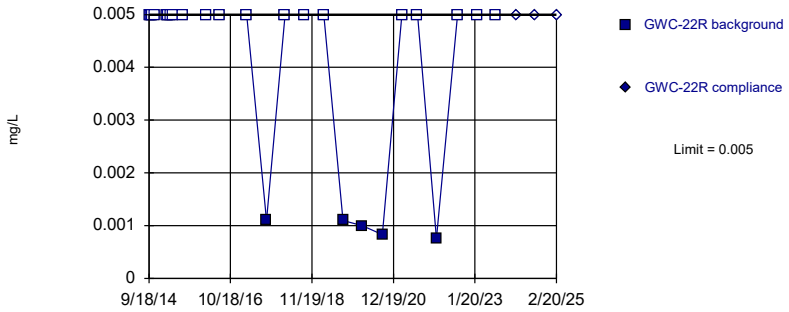
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 24 background values. 29.17% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



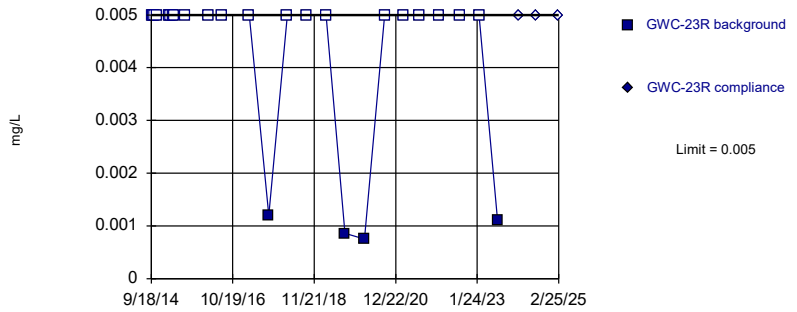
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 80% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



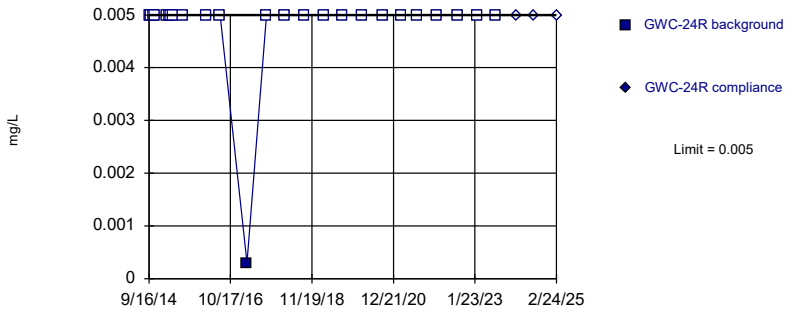
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 84% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



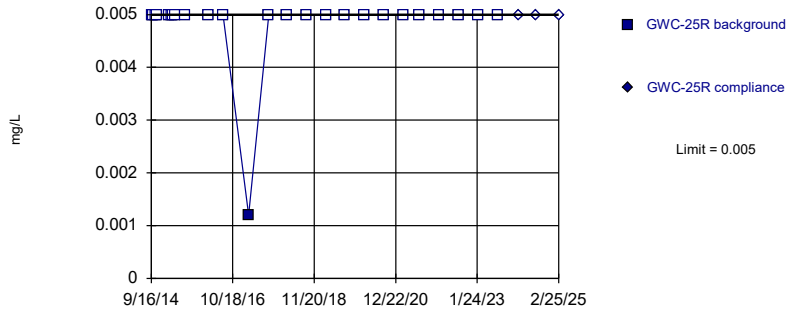
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



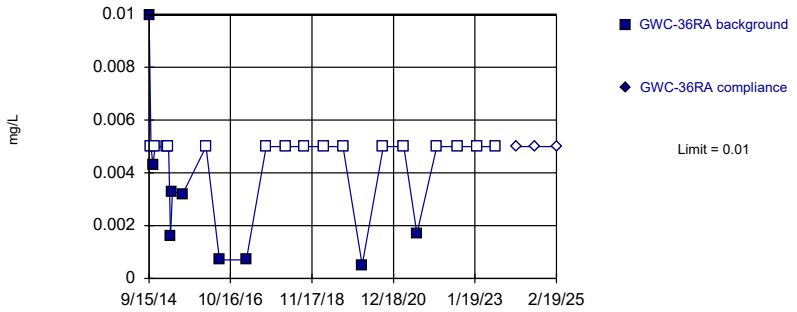
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



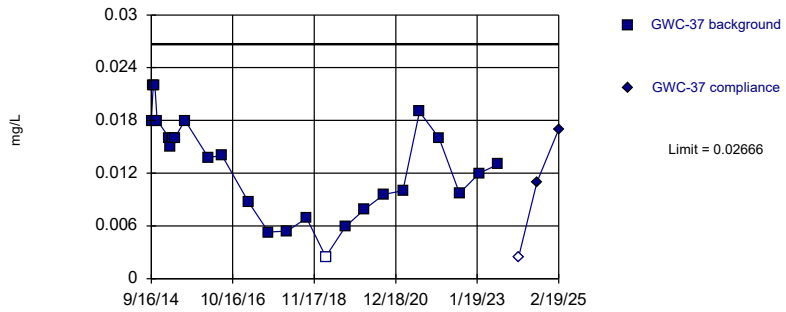
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 64% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



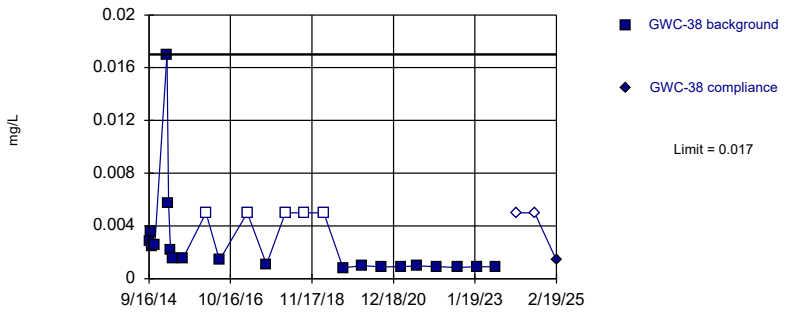
Background Data Summary: Mean=0.01283, Std. Dev.=0.005423, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9629, critical = 0.888. Kappa = 2.55 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Nickel Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



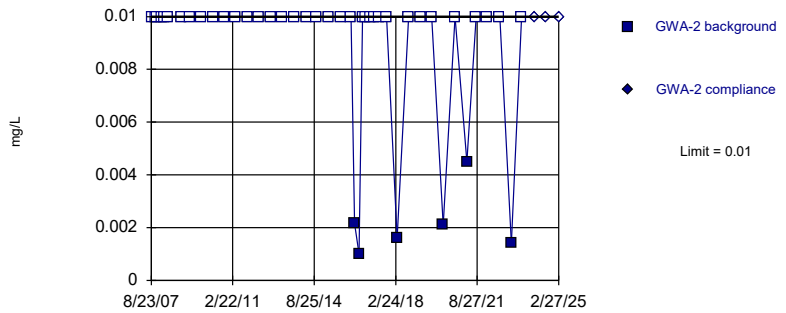
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. 20% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Nickel Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



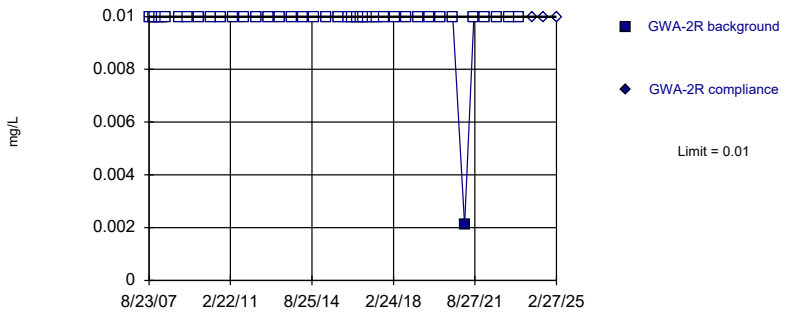
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

Constituent: Selenium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 42 background values. 97.62% NDs. Well-constituent pair annual alpha = 0.002154. Individual comparison alpha = 0.001077 (1 of 2).

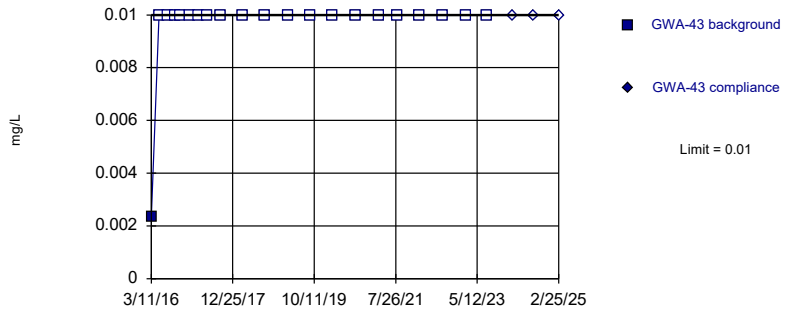
Constituent: Selenium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Selenium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell

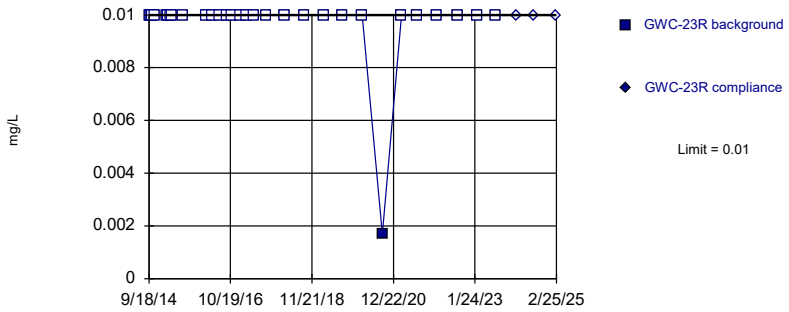
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 96.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Selenium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell

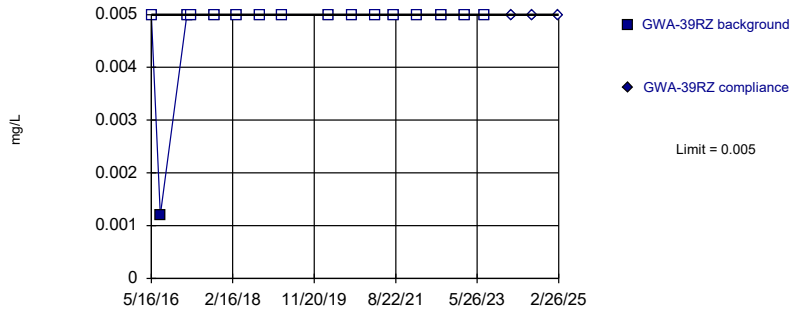
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Silver Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell

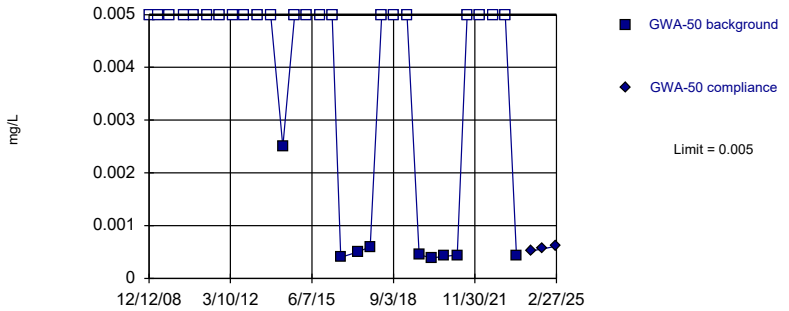
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 70.97% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

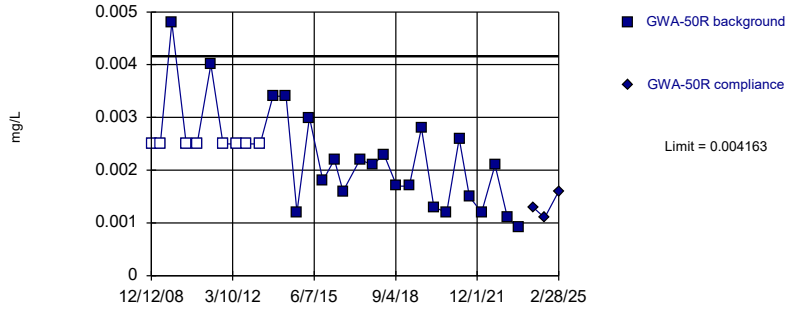
Constituent: Silver Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



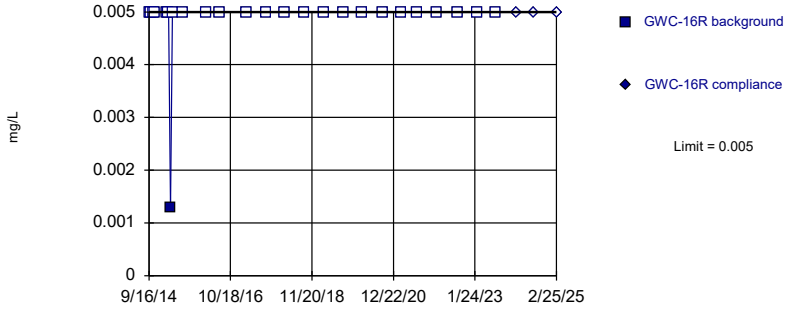
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001858, Std. Dev.=0.0009348, n=31, 25.81% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9337, critical = 0.902. Kappa = 2.466 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Silver Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



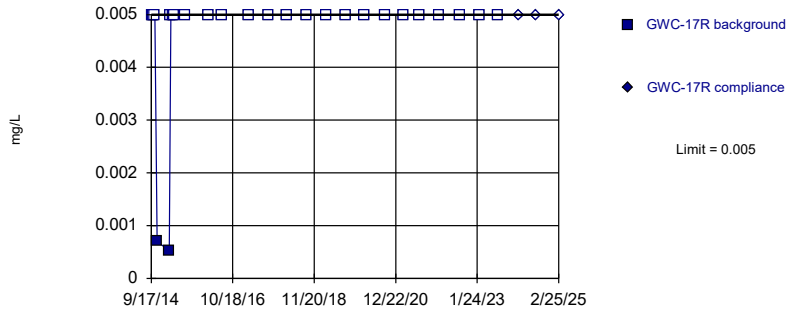
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Silver Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



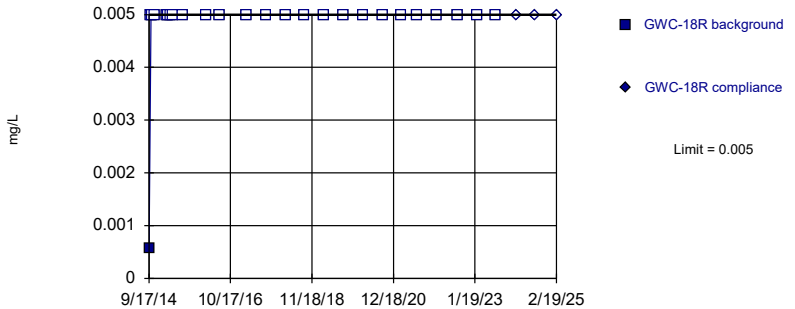
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Silver Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

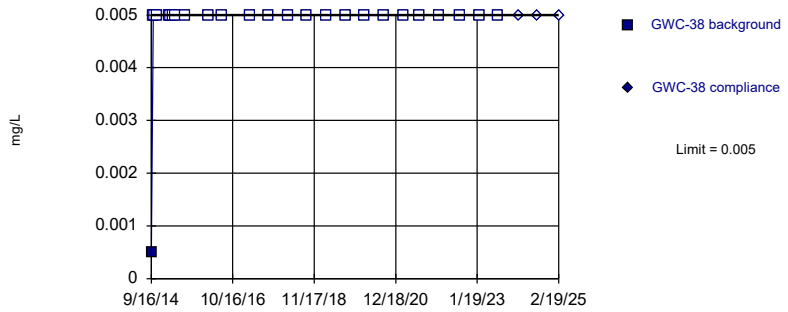
Constituent: Silver Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

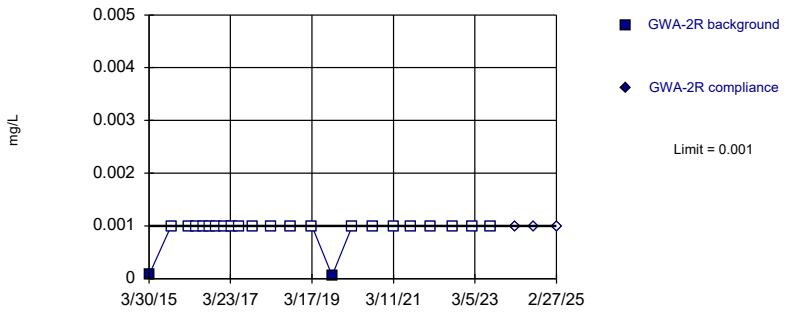
Constituent: Silver Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

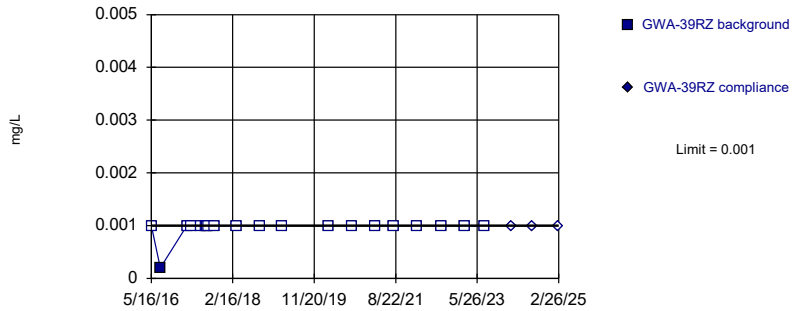
Constituent: Thallium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

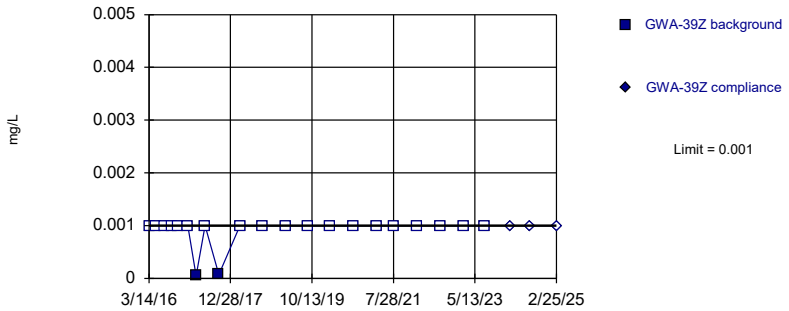
Constituent: Thallium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



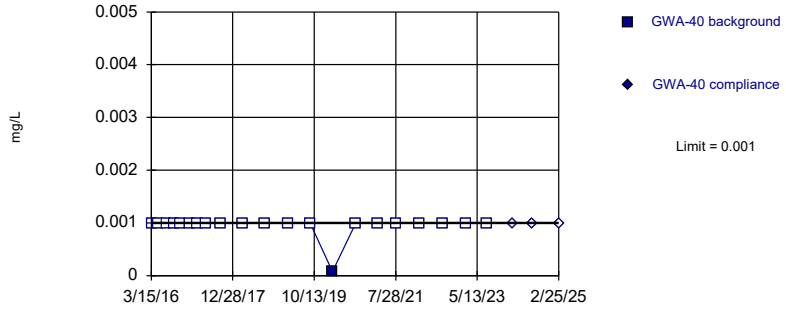
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



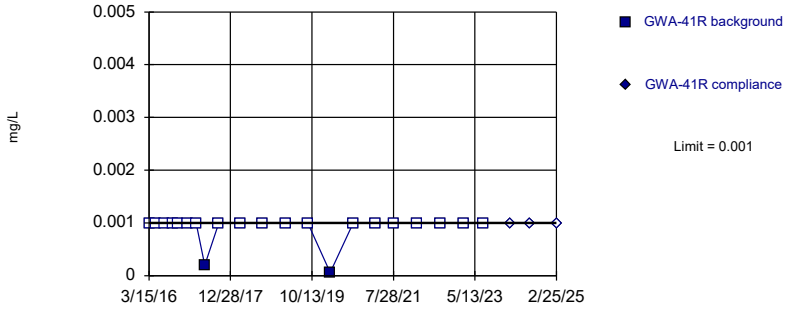
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 95.24% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



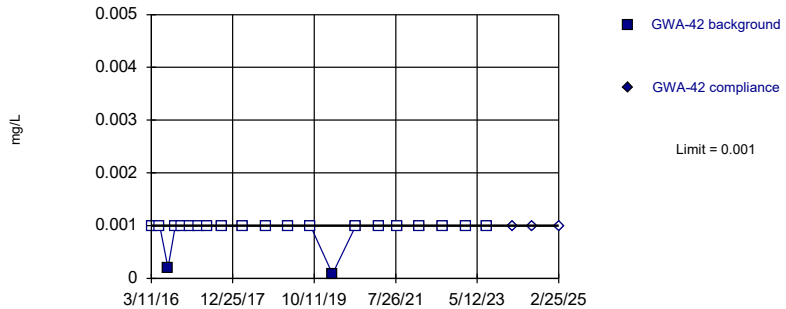
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



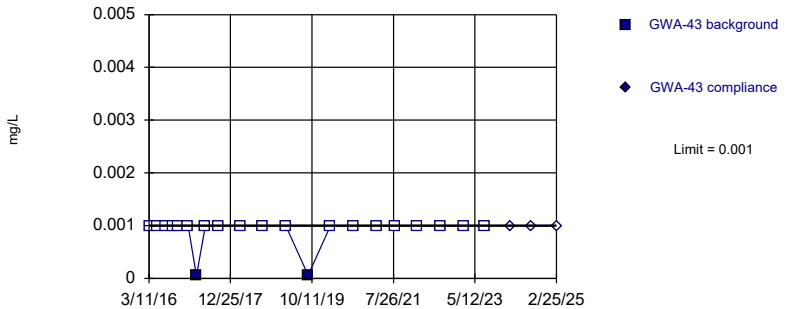
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Thallium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 21 background values. 90.48% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

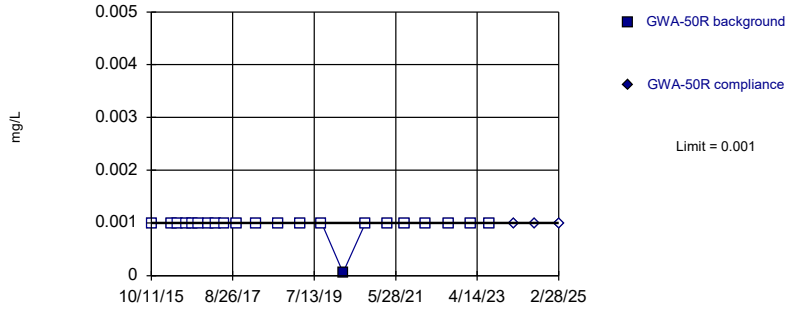
Constituent: Thallium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 95.45% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

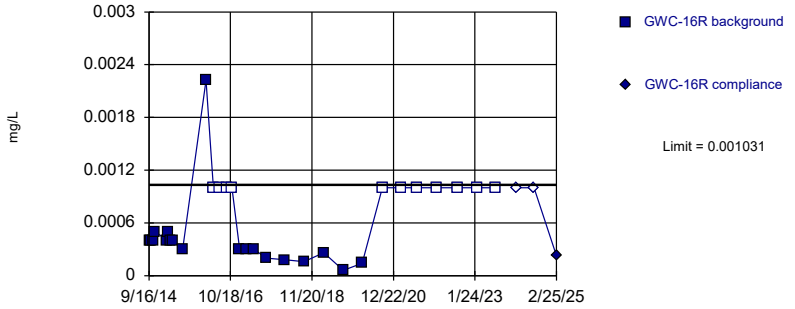
Constituent: Thallium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.06016, Std. Dev.=0.01651, n=30, 36.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9166, critical = 0.9. Kappa = 2.475 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

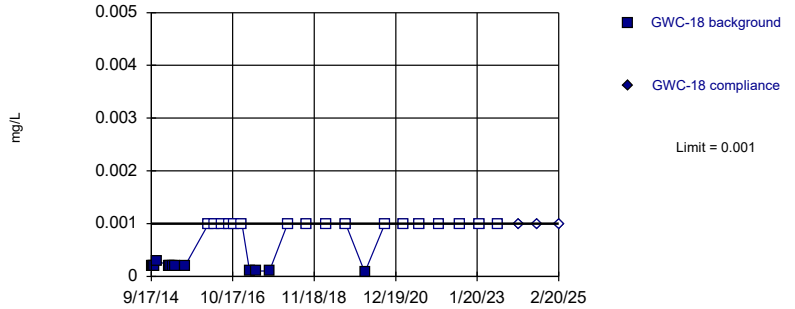
Constituent: Thallium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 56.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

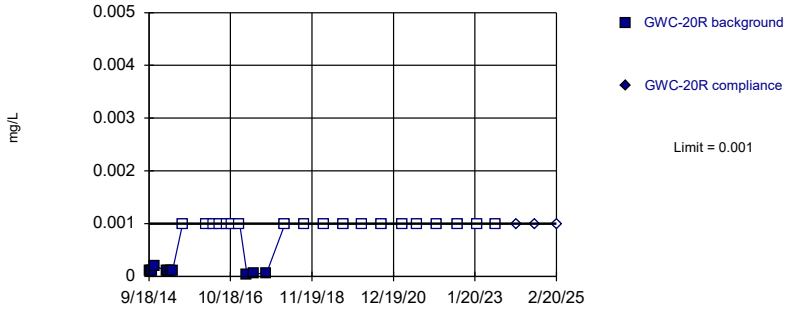
Constituent: Thallium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



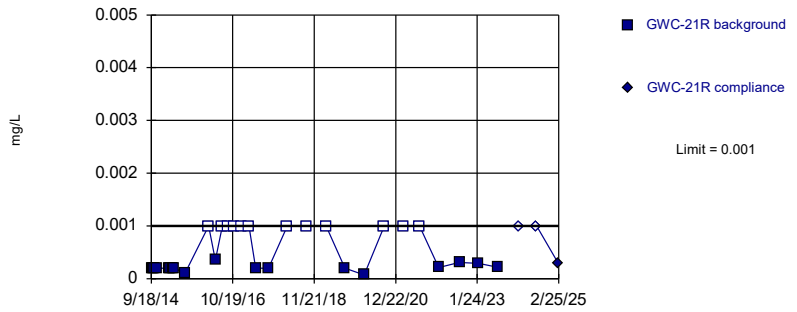
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 63.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Thallium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



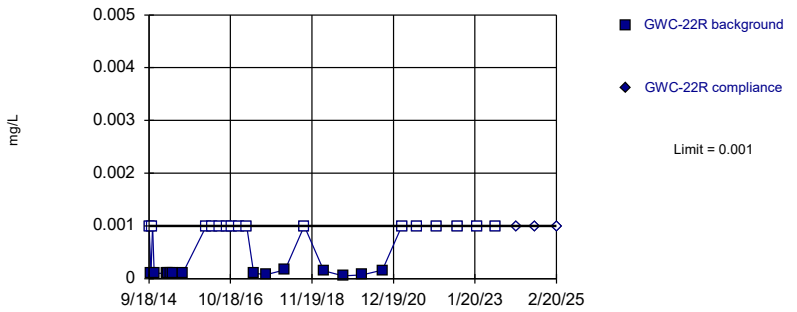
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. 40% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Thallium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



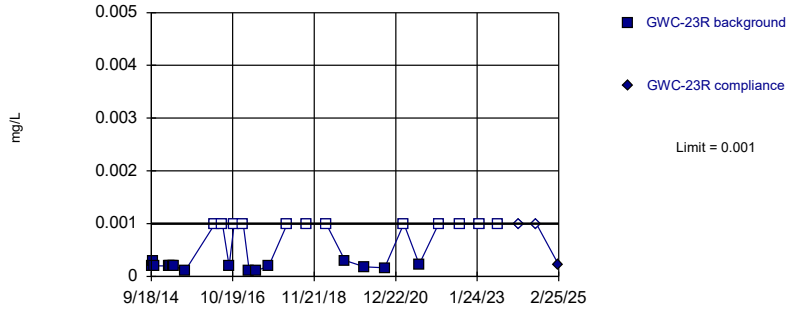
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 53.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Thallium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



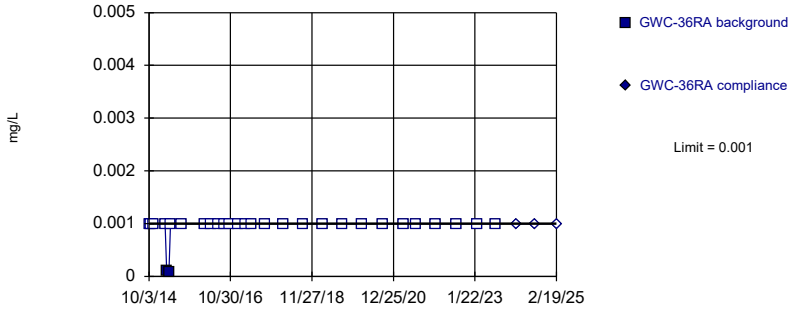
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 28 background values. 42.86% NDs. Well-constituent pair annual alpha = 0.004669. Individual comparison alpha = 0.002337 (1 of 2).

Constituent: Thallium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 93.1% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

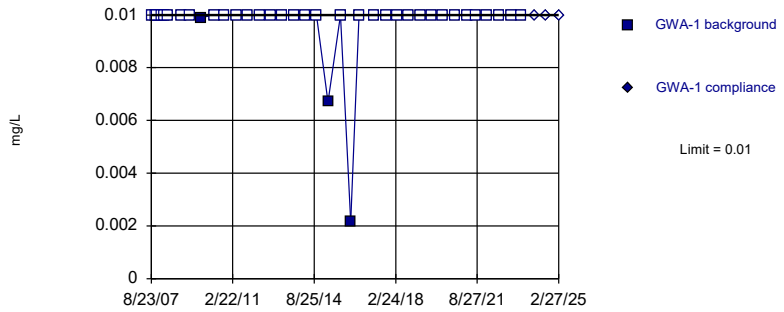
Constituent: Thallium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

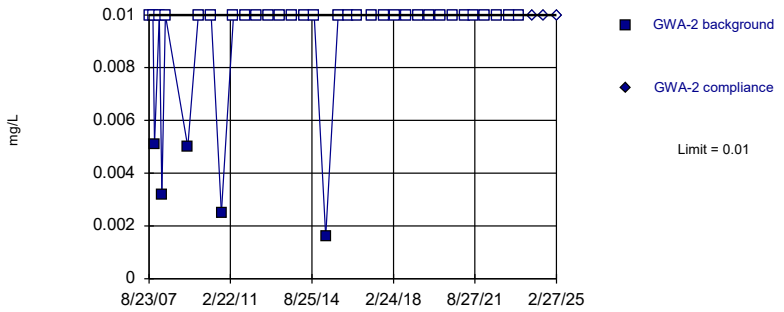
Constituent: Vanadium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

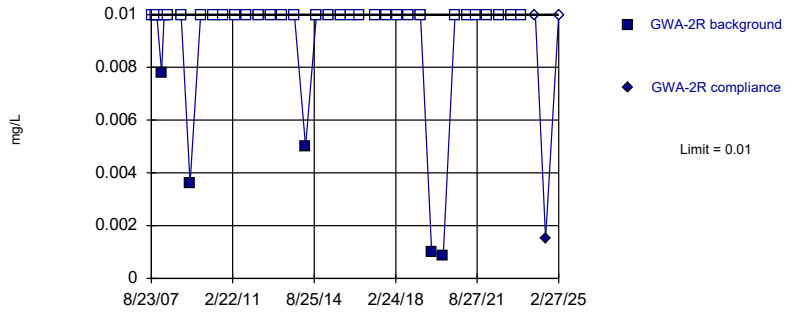
Constituent: Vanadium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

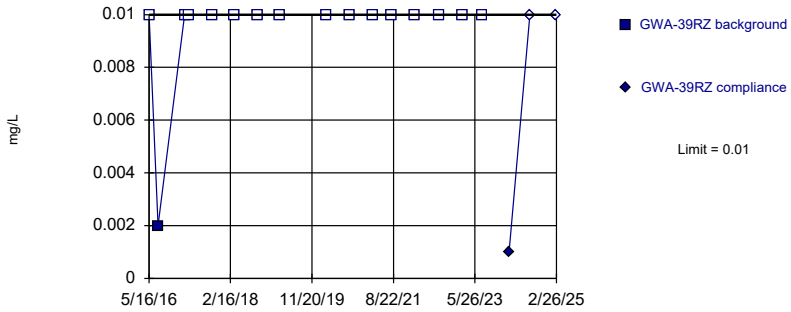
Constituent: Vanadium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



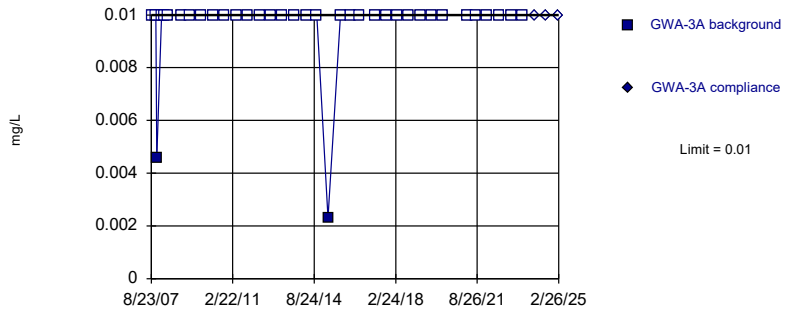
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



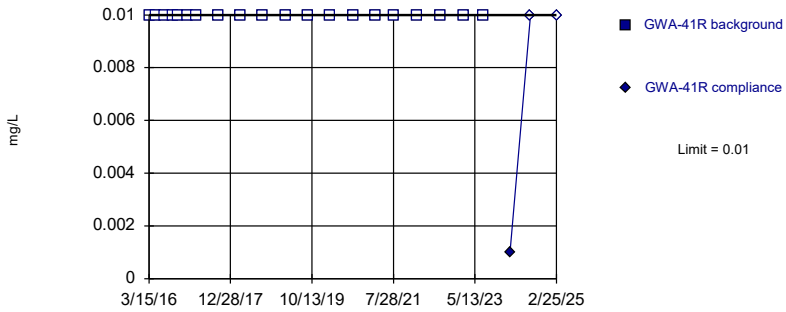
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



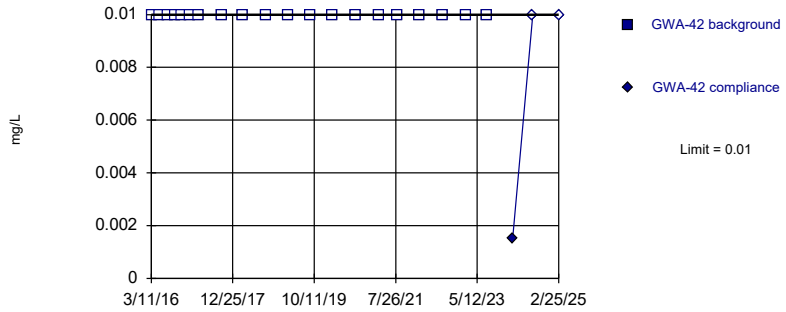
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



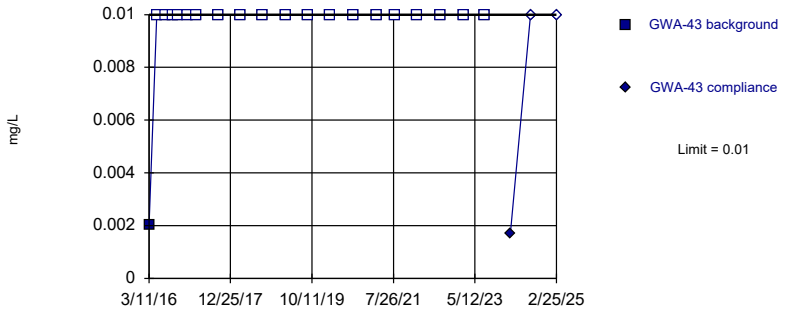
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 20) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



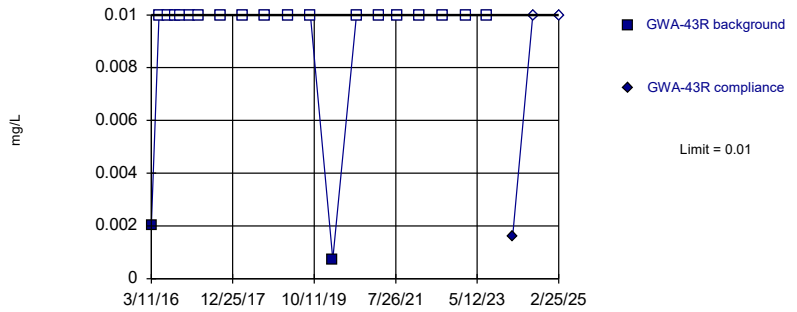
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 95% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



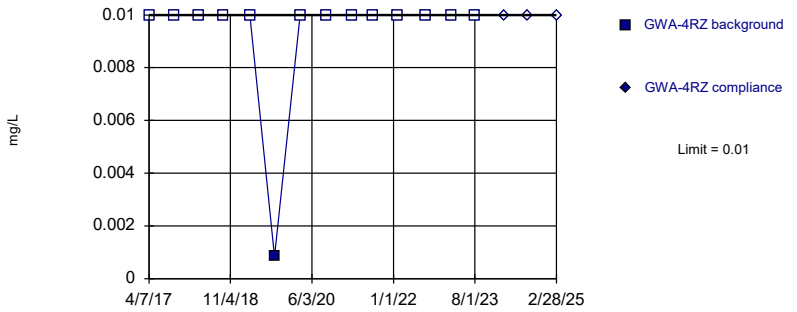
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 90% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



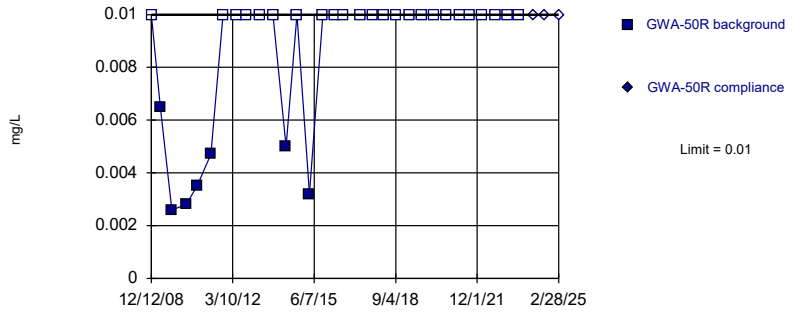
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 92.86% NDs. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



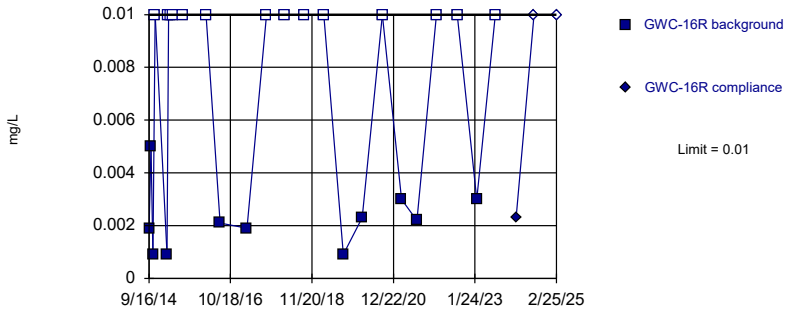
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 77.42% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 56% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

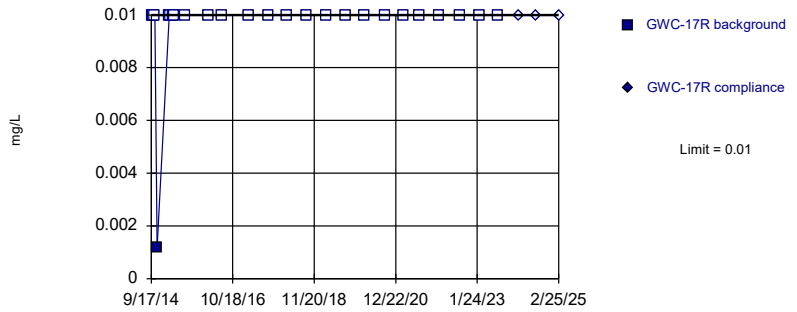
Constituent: Vanadium Analysis Run 6/26/2025 11:18 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

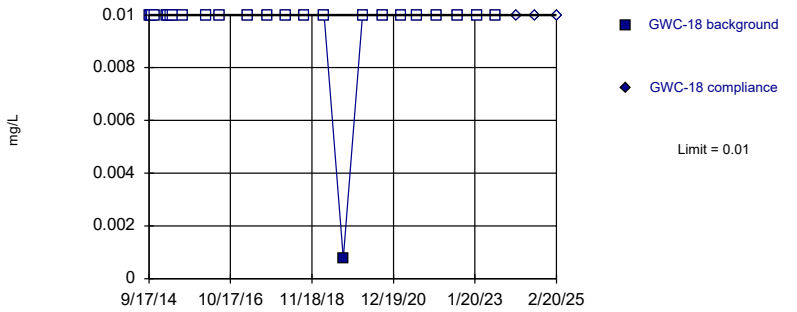
Constituent: Vanadium Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

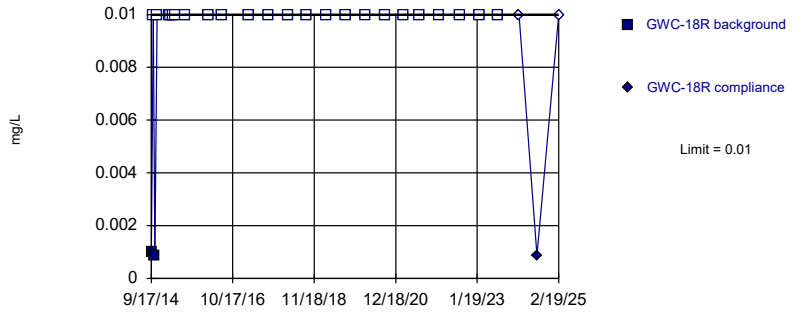
Constituent: Vanadium Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

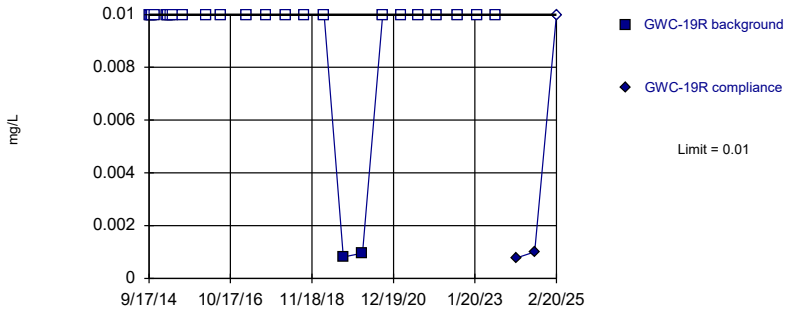
Constituent: Vanadium Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



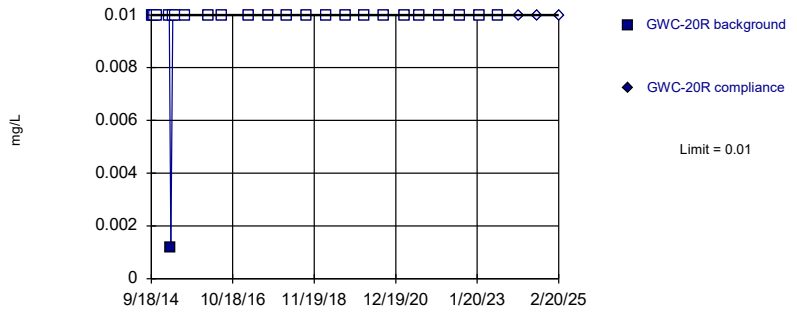
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



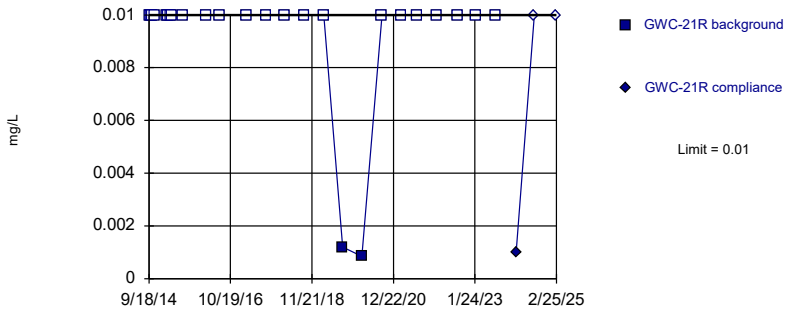
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



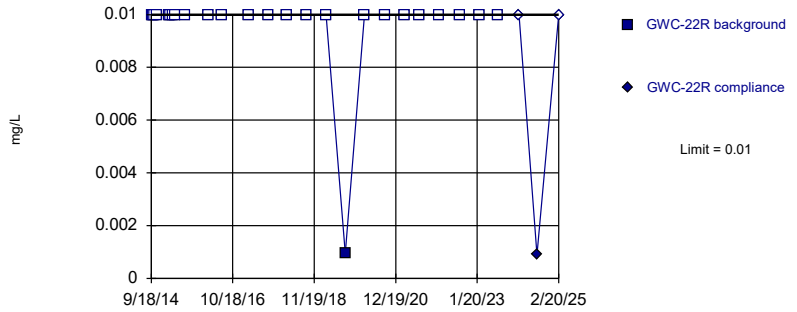
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 92% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



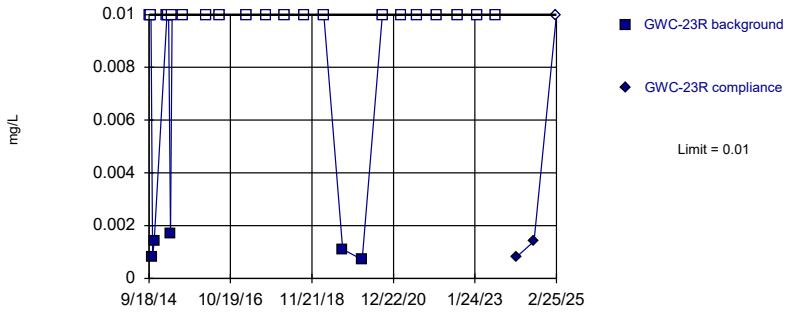
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 96% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



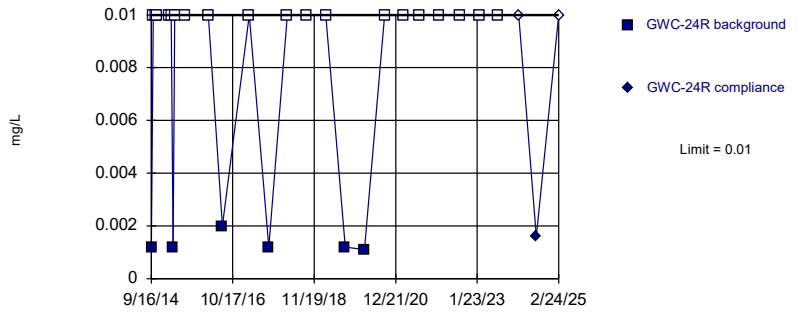
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 80% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



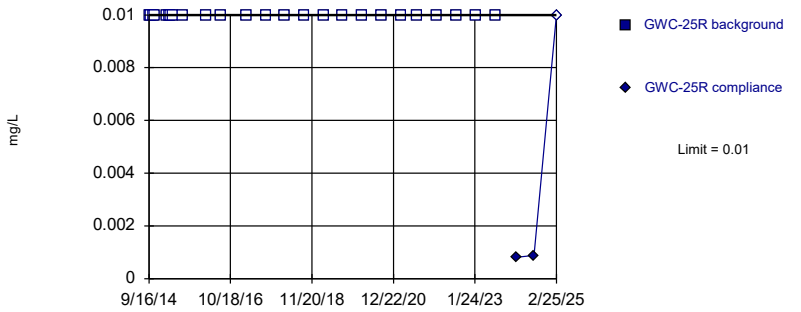
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 76% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



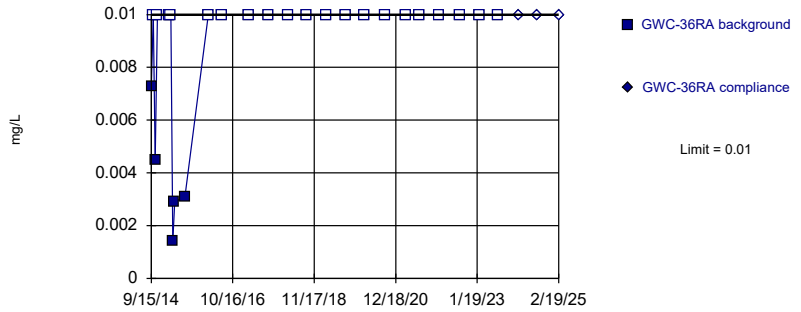
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 25) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



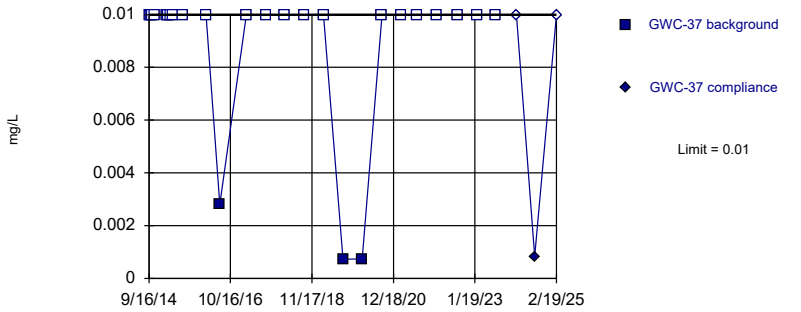
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 80% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



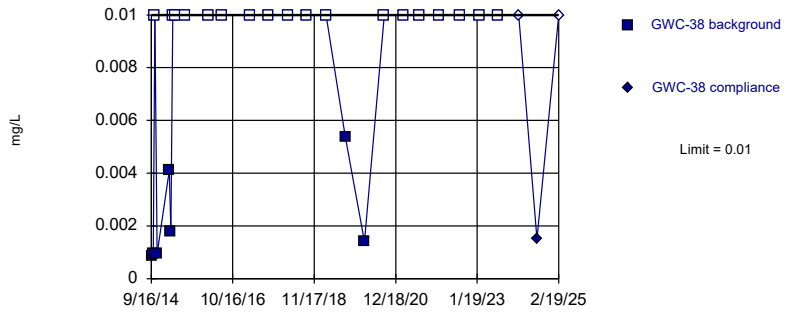
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 88% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



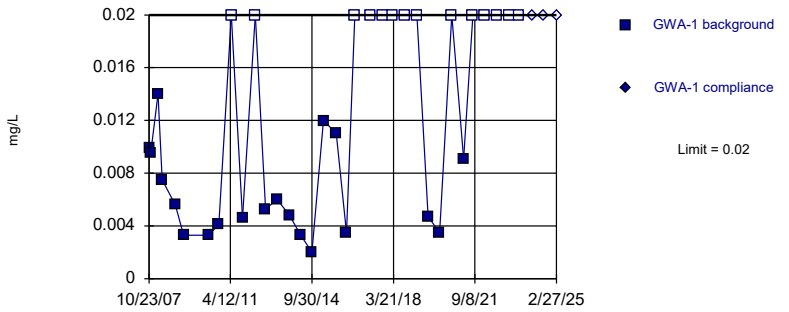
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 72% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Vanadium Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



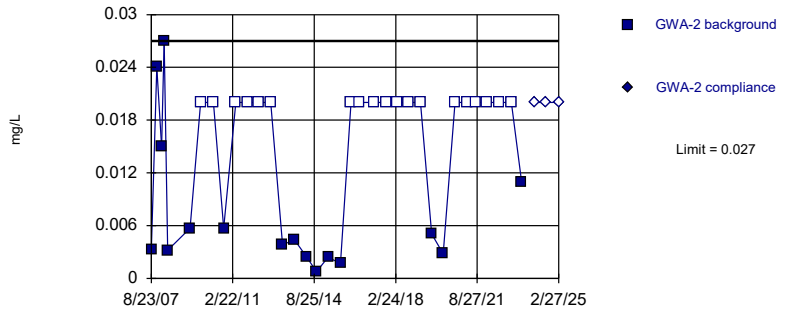
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. 41.18% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



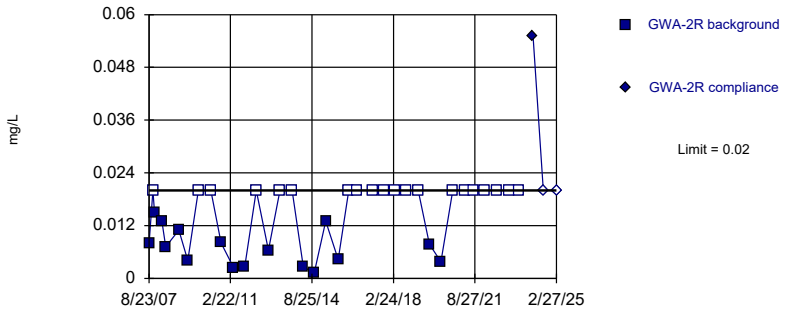
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 54.29% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



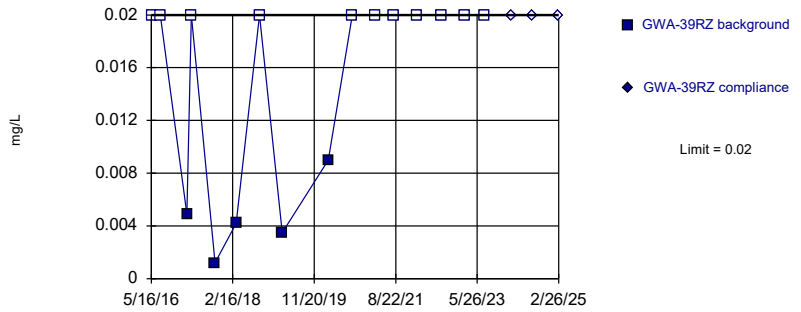
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 55.56% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



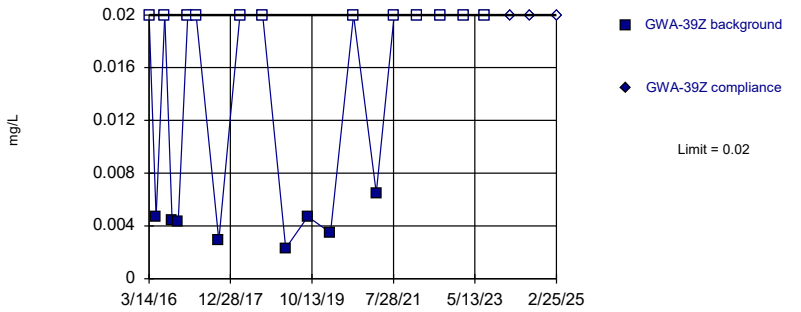
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



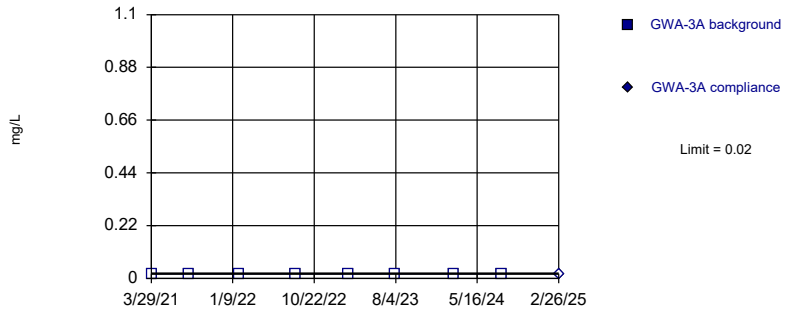
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 60% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



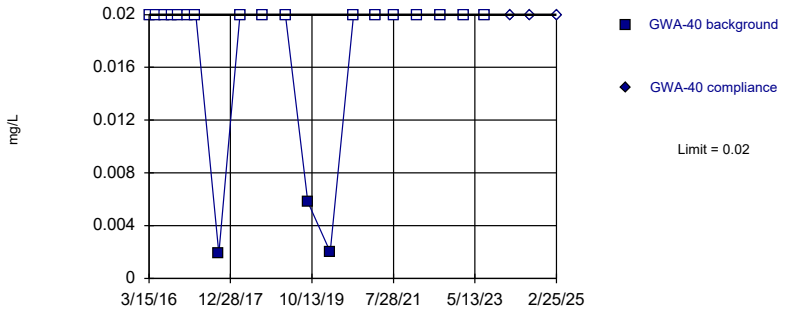
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



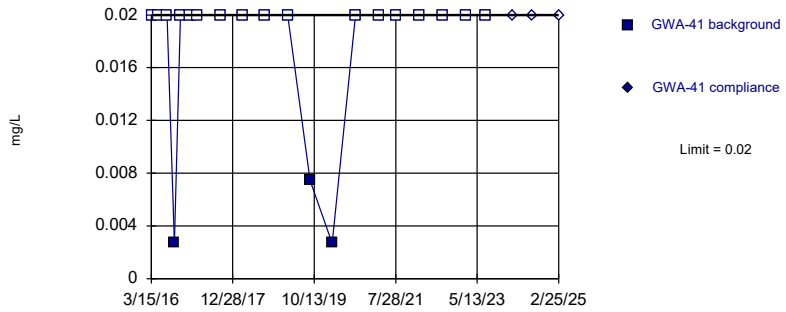
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 85% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



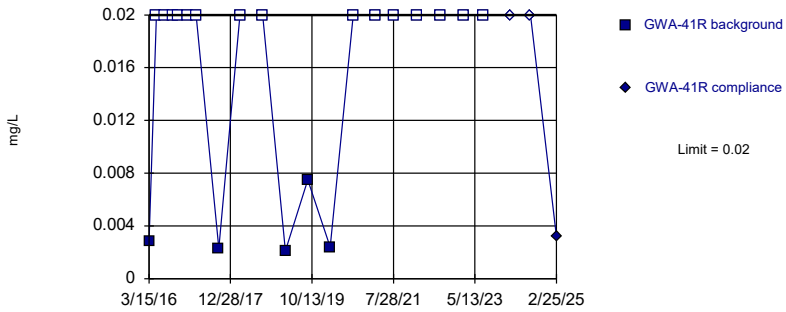
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 85% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



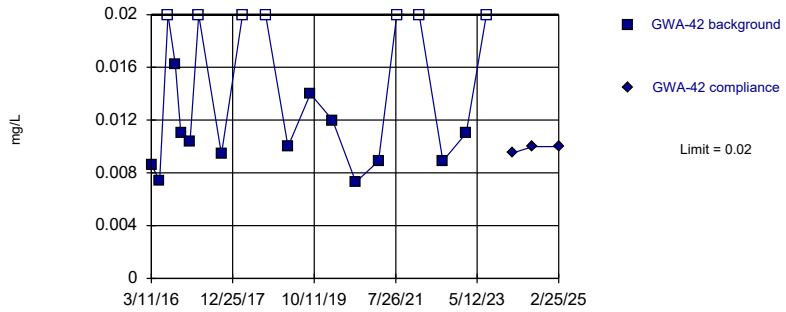
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 75% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



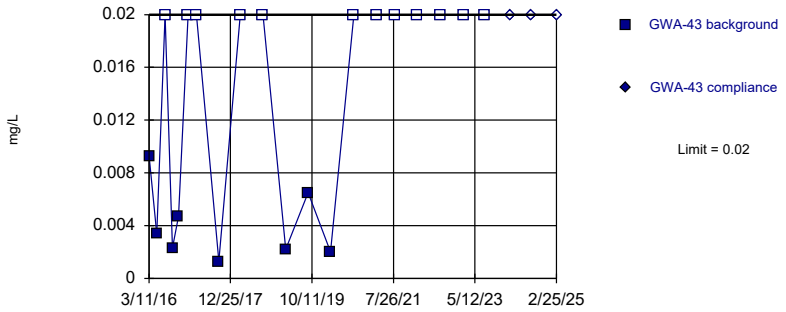
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 35% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 60% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

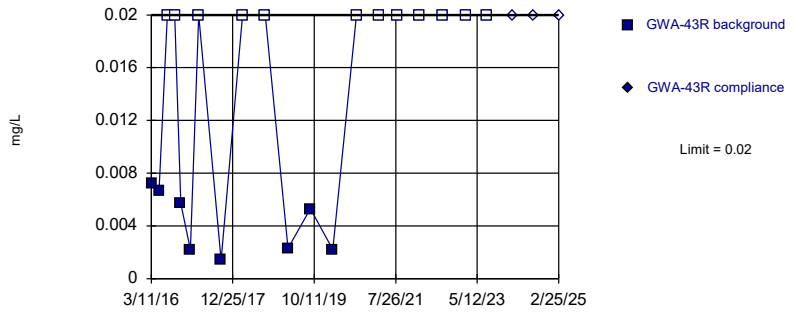
Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 60% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

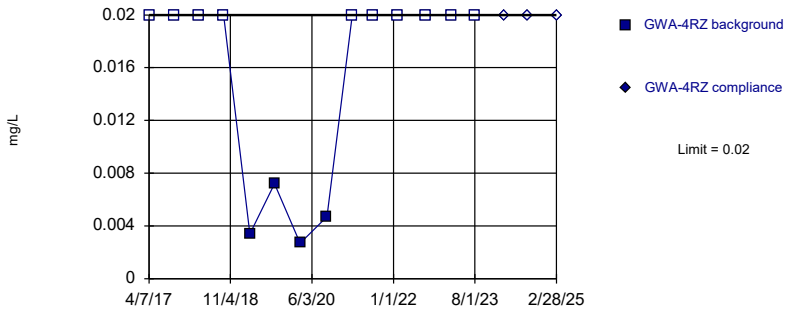
Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

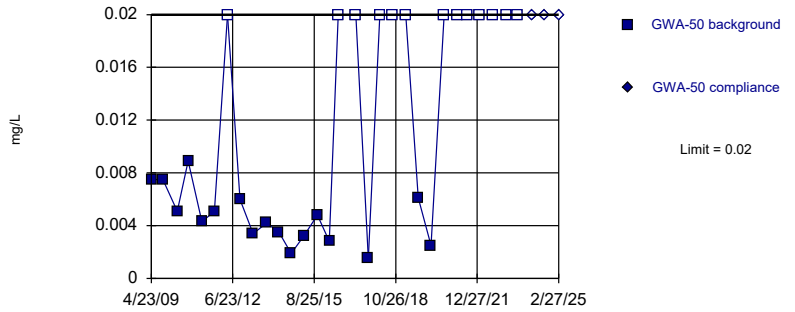
Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. 43.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

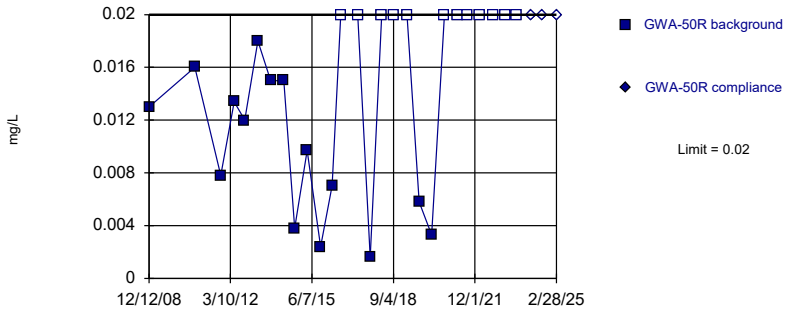
Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 27 background values. 44.44% NDs. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

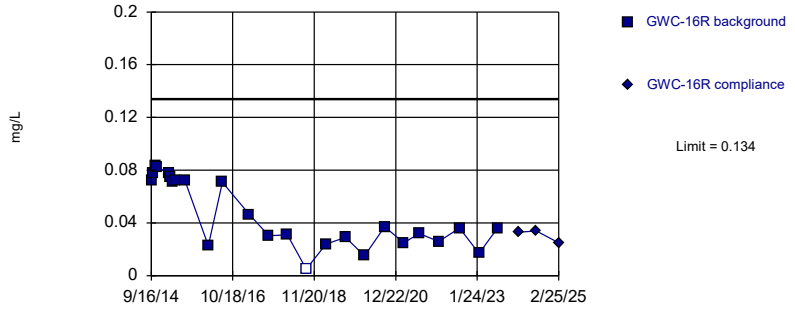
Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.2072, Std. Dev.=0.06231, n=25, 4% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9015, critical = 0.888. Kappa = 2.55 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

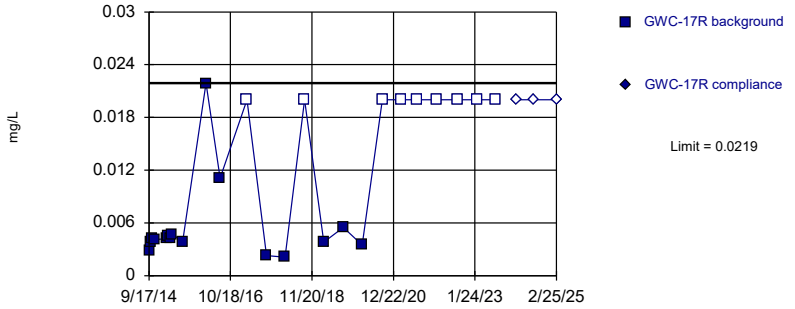
Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. 36% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

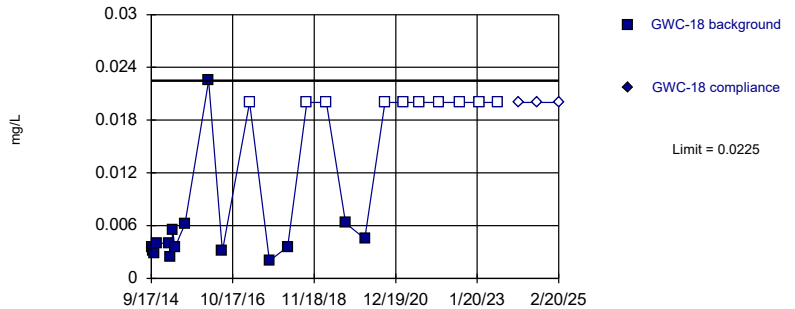
Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. 40% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

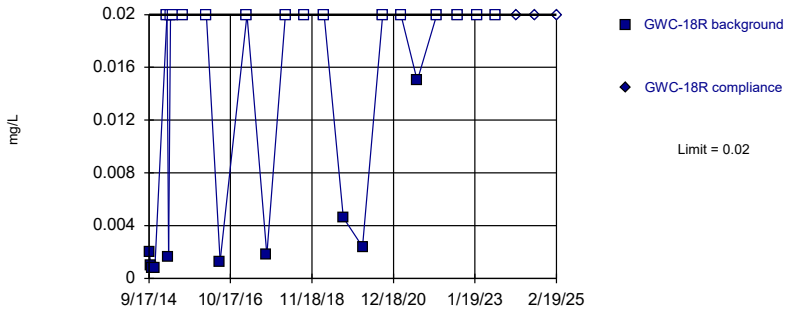
Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



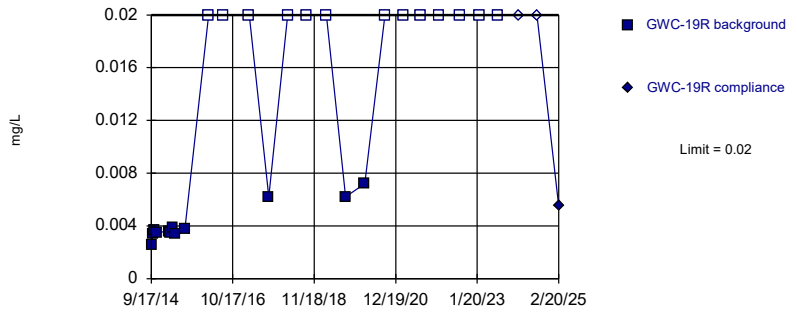
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 60% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



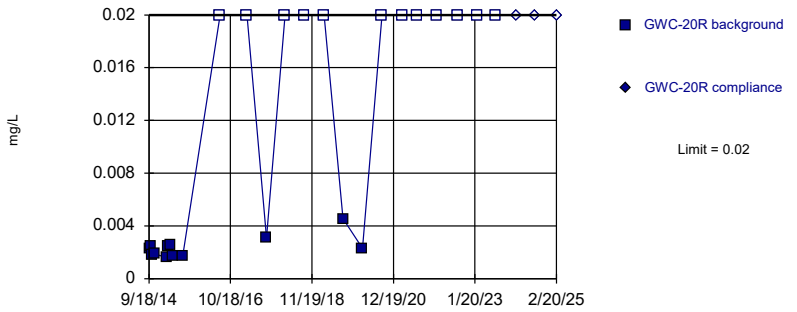
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 52% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



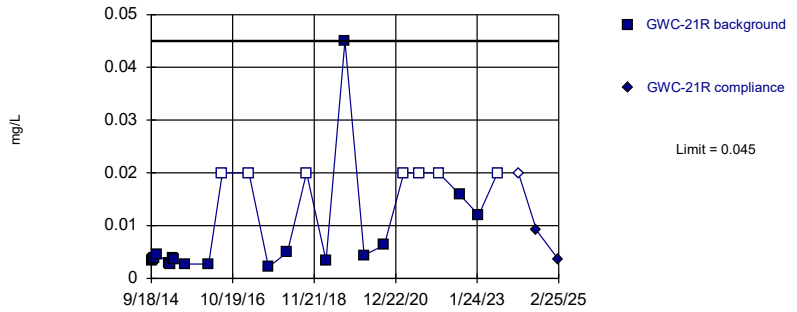
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 24 background values. 50% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



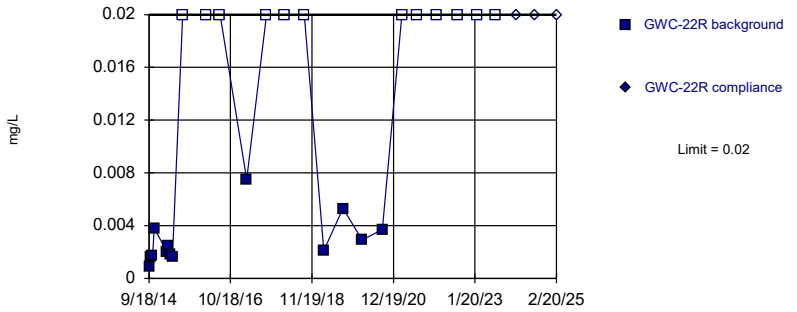
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. 28% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



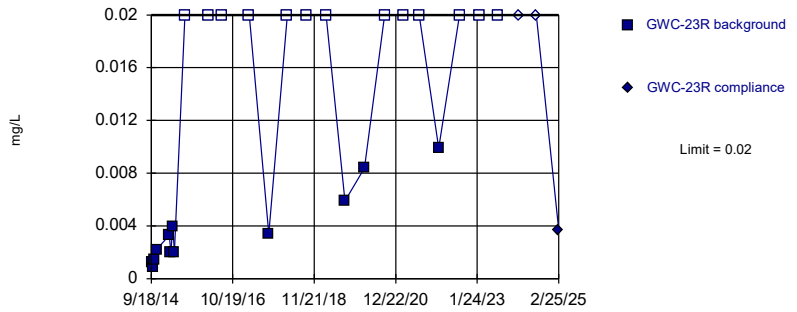
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. 48% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



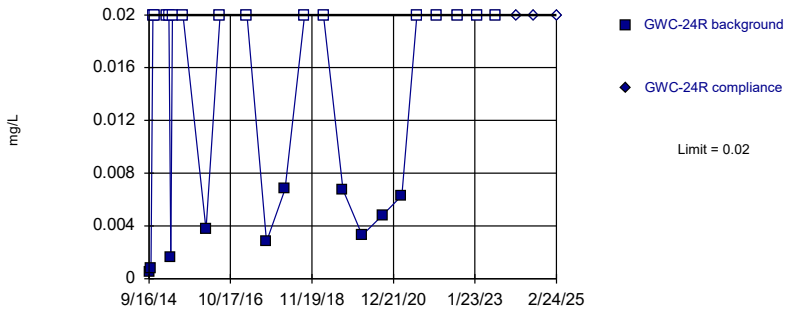
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 52% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



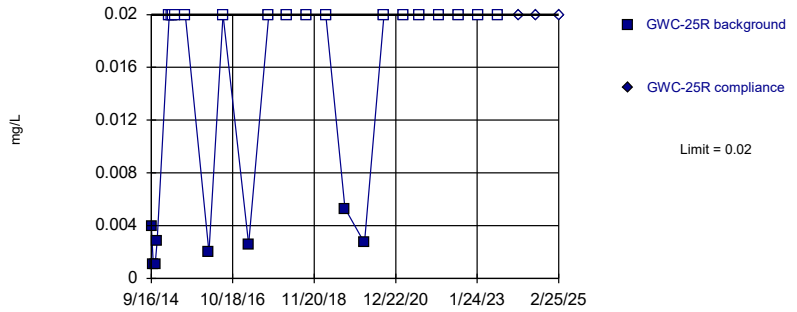
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 60% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



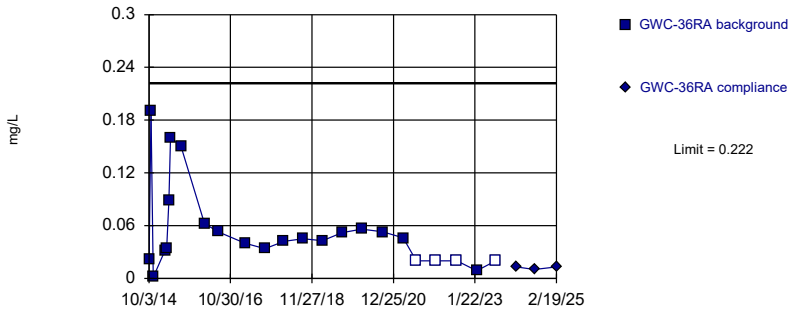
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 68% NDs. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.2008, Std. Dev.=0.1051, n=24, 16.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9136, critical = 0.884. Kappa = 2.573 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

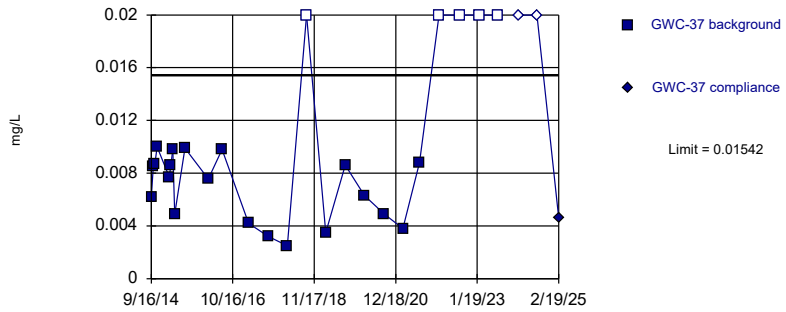
Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1823, Std. Dev.=0.02612, n=25, 20% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9063, critical = 0.888. Kappa = 2.55 (c=16, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0002195.

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell

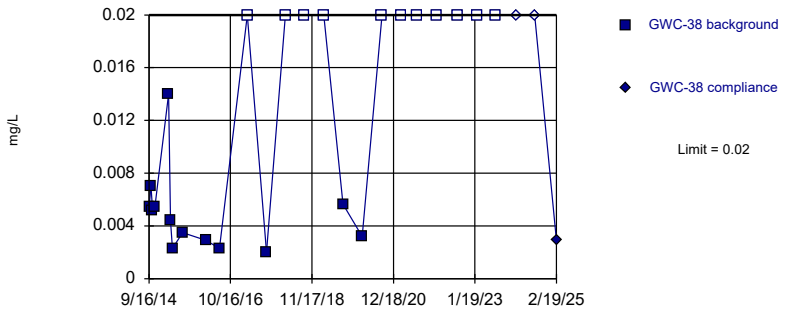
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 24 background values. 45.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Zinc Analysis Run 6/26/2025 11:19 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1	GWA-1
8/23/2007	<0.003	
10/23/2007	<0.003	
11/18/2007	<0.003	
1/30/2008	<0.003	
3/10/2008	<0.003	
5/13/2008	<0.003	
12/5/2008	<0.003	
4/15/2009	<0.003	
10/7/2009	<0.003	
5/3/2010	<0.003	
10/12/2010	<0.003	
4/27/2011	<0.003	
10/17/2011	0.0054	
5/2/2012	<0.003	
10/8/2012	<0.003	
4/12/2013	0.0058	
10/16/2013	0.01	
4/11/2014	0.005 (J)	
9/30/2014	0.0068	
3/30/2015	0.0074	
10/13/2015	0.017	
3/22/2016	0.00567	
5/19/2016	0.00319	
7/29/2016	0.0025 (J)	
9/23/2016	0.0051	
11/9/2016	0.0097 (J)	
1/30/2017	0.0032	
3/30/2017	0.0028 (J)	
6/9/2017	<0.003	
10/2/2017	0.0014 (J)	
3/16/2018	0.0014 (J)	
9/17/2018	0.00105 (JD)	
3/20/2019	<0.003	
9/12/2019	0.0037	
3/11/2020	0.00079 (J)	
9/15/2020	0.0061	
3/16/2021	0.0014 (J)	
8/9/2021	0.0027 (J)	
2/1/2022	0.0028 (J)	
8/16/2022	0.0084	
2/16/2023	0.016	
7/27/2023	0.011	
2/22/2024		0.0014 (J)
8/7/2024		0.0028 (J)
2/27/2025		0.00062 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2R	GWA-2R
8/23/2007	<0.003	
10/24/2007	<0.003	
11/18/2007	<0.003	
1/31/2008	<0.003	
3/10/2008	<0.003	
5/13/2008	<0.003	
12/4/2008	<0.003	
4/21/2009	<0.003	
10/8/2009	<0.003	
4/21/2010	<0.003	
9/28/2010	<0.003	
4/12/2011	<0.003	
10/4/2011	<0.003	
4/3/2012	0.0053	
10/9/2012	<0.003	
4/11/2013	0.0075	
10/16/2013	<0.003	
4/10/2014	0.0081	
9/30/2014	0.0022 (J)	
3/30/2015	0.011	
10/13/2015	0.0045 (J)	
3/23/2016	0.00281 (J)	
5/19/2016	0.00264 (J)	
7/29/2016	0.0069	
9/22/2016	0.0066	
11/10/2016	<0.003	
1/31/2017	0.0064	
4/3/2017	0.0049	
6/9/2017	<0.003	
10/2/2017	0.0045	
3/16/2018	0.021 (O)	
9/14/2018	0.0054	
3/19/2019	0.0019 (J)	
9/13/2019	0.0044	
3/11/2020	0.002 (J)	
9/15/2020	0.0037	
3/16/2021	0.005	
8/9/2021	0.0033	
2/1/2022	0.0029 (J)	
8/16/2022	0.002 (J)	
2/16/2023	0.0048	
7/27/2023	0.0095	
2/26/2024		0.0019 (J)
8/6/2024		0.0021 (J)
2/27/2025		0.0042

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.003 (D)	
7/27/2016	0.0003 (JD)	
2/21/2017	0.0057	
3/27/2017	0.0013 (JD)	
6/8/2017	<0.003 (*)	
7/17/2017	0.005 (D)	
7/27/2017	0.0033	
8/9/2017	0.0012 (J)	
9/29/2017	0.0013 (JD)	
3/16/2018	0.0078	
9/14/2018	0.0056	
3/14/2019	0.014 (O)	
3/9/2020	0.0013 (J)	
9/16/2020	0.0028 (J)	
3/16/2021	0.00041 (J)	
8/6/2021	<0.003	
2/2/2022	<0.003	
8/16/2022	0.001 (J)	
2/14/2023	0.0019 (J)	
7/25/2023	<0.003	
2/19/2024		0.0016 (J)
8/1/2024		0.00097 (J)
2/26/2025		0.0022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39Z	GWA-39Z
3/14/2016	<0.003	
5/11/2016	0.000839 (J)	
7/19/2016	0.0024 (J)	
9/15/2016	0.0009 (J)	
11/2/2016	0.001 (J)	
1/18/2017	0.0017 (J)	
3/28/2017	0.0006 (J)	
6/7/2017	0.0003 (J)	
9/26/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/15/2019	<0.003	
9/9/2019	0.00079 (J)	
3/9/2020	0.0011 (J)	
9/10/2020	0.0003 (J)	
3/12/2021	0.0039	
8/4/2021	0.00083 (J)	
1/31/2022	<0.003	
8/10/2022	<0.003	
2/13/2023	0.00087 (J)	
7/26/2023	0.0028 (J)	
2/19/2024		0.00081 (J)
8/1/2024		<0.003
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	<0.003	
11/2/2007	<0.003	
11/18/2007	<0.003	
1/31/2008	<0.003	
3/11/2008	<0.003	
5/14/2008	<0.003	
12/5/2008	<0.003	
4/15/2009	<0.003	
10/8/2009	<0.003	
4/28/2010	<0.003	
10/6/2010	<0.003	
4/21/2011	<0.003	
10/13/2011	<0.003	
5/1/2012	<0.003	
10/9/2012	<0.003	
4/11/2013	<0.003	
10/16/2013	<0.003	
4/23/2014	<0.003	
10/4/2014	0.0031 (J)	
3/31/2015	0.0068	
10/12/2015	<0.003	
3/23/2016	0.0035	
5/23/2016	<0.003	
7/29/2016	0.0029 (J)	
9/22/2016	0.0041	
11/10/2016	0.0048 (J)	
1/31/2017	<0.003	
3/30/2017	0.001 (J)	
6/12/2017	<0.003	
10/4/2017	0.0009 (J)	
3/19/2018	0.0019 (J)	
9/17/2018	0.0011 (J)	
3/20/2019	0.0019 (J)	
9/13/2019	0.0013 (J)	
3/11/2020	0.0045	
3/29/2021	<0.003	
8/9/2021	<0.003	
2/2/2022	<0.003	
8/16/2022	<0.003	
2/17/2023	<0.003	
8/1/2023	<0.003	
2/22/2024		<0.003
8/8/2024		<0.003
2/26/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-40	GWA-40
3/15/2016	<0.003	
5/11/2016	<0.003	
7/21/2016	<0.003	
9/15/2016	<0.003	
11/3/2016	0.0021 (J)	
1/17/2017	<0.003	
3/24/2017	<0.003	
5/24/2017	<0.003	
9/26/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/13/2019	<0.003	
9/9/2019	<0.003	
3/9/2020	<0.003	
9/11/2020	<0.003	
3/10/2021	<0.003	
8/4/2021	<0.003	
1/31/2022	0.0014 (J)	
8/12/2022	<0.003	
2/13/2023	<0.003	
7/26/2023	<0.003	
2/19/2024		<0.003
8/1/2024		<0.003
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41	GWA-41
3/15/2016	<0.003	
5/12/2016	<0.003	
7/20/2016	<0.003	
9/15/2016	<0.003	
11/3/2016	<0.003	
1/18/2017	<0.003	
3/24/2017	<0.003	
6/6/2017	<0.003	
9/25/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/14/2019	<0.003	
9/10/2019	<0.003 (D)	
3/6/2020	<0.003	
9/10/2020	<0.003	
3/11/2021	0.00038 (J)	
8/4/2021	<0.003	
1/31/2022	<0.003	
8/11/2022	<0.003	
2/13/2023	<0.003	
7/25/2023	0.0029 (J)	
2/19/2024		<0.003
8/1/2024		<0.003
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R	GWA-41R
3/15/2016	<0.003	
5/13/2016	<0.003	
7/21/2016	<0.003 (*)	
9/21/2016	<0.003	
11/3/2016	<0.003	
1/17/2017	<0.003	
3/27/2017	0.0008 (J)	
6/6/2017	<0.003	
9/25/2017	0.0035	
3/14/2018	<0.003	
9/12/2018	0.003	
3/14/2019	<0.003	
9/10/2019	0.0029 (J)	
3/9/2020	0.0037	
9/10/2020	0.0019 (J)	
3/10/2021	0.00037 (J)	
8/4/2021	<0.003	
1/31/2022	0.0011 (J)	
8/11/2022	<0.003	
2/13/2023	0.0045	
7/25/2023	0.0021 (J)	
2/19/2024		<0.003
8/1/2024		0.00085 (J)
2/25/2025		0.0089

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	<0.003	
5/16/2016	<0.003	
7/22/2016	0.002 (J)	
9/19/2016	<0.003	
11/3/2016	<0.003	
1/17/2017	<0.003	
3/27/2017	<0.003	
6/7/2017	<0.003	
9/26/2017	<0.003	
3/14/2018	<0.003	
9/14/2018	<0.003	
3/14/2019	<0.003	
9/10/2019	<0.003	
3/6/2020	<0.003	
9/10/2020	<0.003	
3/11/2021	<0.003	
8/4/2021	<0.003	
1/31/2022	<0.003	
8/10/2022	<0.003	
2/13/2023	<0.003	
7/26/2023	<0.003	
2/20/2024		<0.003
8/1/2024		<0.003
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	<0.003	
5/13/2016	<0.003	
7/19/2016	<0.003 (*)	
9/16/2016	<0.003	
11/2/2016	<0.003	
1/18/2017	<0.003	
3/28/2017	<0.003	
6/6/2017	<0.003	
9/22/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/13/2019	<0.003	
9/11/2019	<0.003	
3/9/2020	0.00062 (J)	
9/11/2020	<0.003	
3/11/2021	<0.003	
8/6/2021	<0.003	
1/31/2022	<0.003	
8/11/2022	<0.003	
2/14/2023	<0.003	
7/25/2023	<0.003	
2/20/2024		<0.003
8/2/2024		<0.003
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43R	GWA-43R
3/11/2016	<0.003	
5/13/2016	<0.003	
7/19/2016	<0.003	
9/16/2016	<0.003	
11/2/2016	<0.003	
1/18/2017	0.0013 (J)	
3/28/2017	<0.003	
6/6/2017	0.0007 (J)	
9/22/2017	0.0012 (J)	
3/15/2018	<0.003	
9/12/2018	<0.003	
3/13/2019	<0.003	
9/11/2019	0.00029 (J)	
3/9/2020	0.00037 (J)	
9/14/2020	<0.003	
3/11/2021	0.00074 (J)	
8/5/2021	<0.003	
1/31/2022	<0.003	
8/10/2022	<0.003	
2/13/2023	<0.003	
7/25/2023	<0.003	
2/20/2024		0.0015 (J)
8/2/2024		0.00086 (J)
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ	GWA-4RZ
2/22/2017	0.0018 (J)	
4/7/2017	0.0008 (J)	
6/14/2017	0.00205 (JD)	
7/12/2017	0.0015 (JD)	
7/20/2017	<0.003 (D)	
7/28/2017	<0.003	
8/9/2017	<0.003	
8/24/2017	0.0007 (J)	
10/3/2017	<0.003 (D)	
3/21/2018	<0.003	
9/18/2018	<0.003	
3/21/2019	<0.003 (D)	
9/12/2019	0.00052 (JD)	
3/12/2020	0.0017 (J)	
9/17/2020	0.00087 (J)	
3/16/2021	0.00082 (J)	
8/10/2021	0.0013 (J)	
2/3/2022	<0.003	
8/17/2022	<0.003	
2/17/2023	<0.003	
7/28/2023	<0.003	
2/27/2024		<0.003
8/8/2024		<0.003
2/28/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50	GWA-50
12/12/2008	<0.003	
4/23/2009	<0.003	
10/6/2009	<0.003	
4/27/2010	<0.003	
9/30/2010	<0.003	
4/14/2011	<0.003	
10/5/2011	<0.003	
4/11/2012	<0.003	
10/2/2012	<0.003	
4/9/2013	<0.003	
10/15/2013	<0.003	
4/10/2014	<0.003	
10/1/2014	<0.003	
3/30/2015	<0.003	
10/11/2015	<0.003	
3/28/2016	0.00139 (J)	
5/23/2016	0.000677 (J)	
8/1/2016	<0.003	
9/26/2016	<0.003	
11/10/2016	<0.003	
1/30/2017	<0.003	
4/7/2017	<0.003	
6/12/2017	<0.003	
10/2/2017	<0.003	
3/16/2018	<0.003	
9/17/2018	<0.003	
3/19/2019	<0.003	
9/13/2019	<0.003	
3/11/2020	0.0005 (J)	
9/16/2020	<0.003	
3/17/2021	<0.003	
8/9/2021	<0.003	
2/1/2022	0.0015 (J)	
8/16/2022	<0.003	
2/16/2023	<0.003	
7/28/2023	<0.003	
2/22/2024		<0.003
8/8/2024		<0.003
2/27/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R	GWA-50R
12/12/2008	<0.003	
4/23/2009	<0.003	
10/6/2009	<0.003	
5/3/2010	<0.003	
10/11/2010	<0.003	
4/27/2011	<0.003	
10/19/2011	<0.003	
5/1/2012	<0.003	
10/2/2012	<0.003	
4/10/2013	<0.003	
10/16/2013	<0.003	
4/22/2014	<0.003	
10/1/2014	<0.003	
3/30/2015	<0.003	
10/11/2015	<0.003	
3/28/2016	<0.003	
5/25/2016	<0.003	
8/1/2016	<0.003	
9/26/2016	<0.003	
11/11/2016	<0.003	
1/30/2017	<0.003	
4/3/2017	<0.003	
6/12/2017	<0.003	
10/2/2017	<0.003	
3/16/2018	<0.003	
9/18/2018	<0.003	
3/19/2019	<0.003	
9/12/2019	<0.003	
3/11/2020	<0.003	
9/15/2020	0.00048 (J)	
3/17/2021	<0.003	
8/9/2021	<0.003	
2/2/2022	<0.003	
8/17/2022	<0.003	
2/16/2023	<0.003	
7/28/2023	<0.003	
2/22/2024		<0.003
8/8/2024		<0.003
2/28/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-16R	GWC-16R
9/16/2014	<0.0083	
10/4/2014	<0.0083	
10/21/2014	<0.0083	
11/11/2014	<0.0083	
3/3/2015	<0.0083	
3/18/2015	<0.0083	
4/6/2015	<0.0083	
4/23/2015	<0.0083	
7/29/2015	<0.0083	
3/3/2016	0.00472 (D)	
5/10/2016	0.0047	
7/13/2016	<0.0083	
9/15/2016	0.0013 (J)	
11/2/2016	0.0021 (J)	
1/11/2017	0.0086	
3/20/2017	0.0187	
5/23/2017	0.0097	
9/21/2017	0.0078	
3/14/2018	0.015	
9/7/2018	0.0026 (J)	
3/11/2019	0.02	
9/9/2019	0.011	
3/4/2020	0.019	
9/9/2020	0.015	
3/9/2021	0.018	
7/30/2021	0.019	
1/28/2022	0.027	
8/11/2022	0.0099	
2/10/2023	0.02	
8/4/2023	0.012	
2/15/2024		0.022
7/31/2024		0.0053
2/25/2025		0.013

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-17R	GWC-17R
9/17/2014	<0.003	
10/4/2014	<0.003	
10/21/2014	<0.003	
11/11/2014	<0.003	
3/3/2015	<0.003	
3/18/2015	<0.003	
4/6/2015	<0.003	
4/23/2015	<0.003	
7/29/2015	<0.003	
3/4/2016	<0.003	
5/10/2016	0.000641 (J)	
7/14/2016	<0.003	
9/14/2016	0.0012 (J)	
11/1/2016	<0.003	
1/11/2017	<0.003	
3/21/2017	<0.003	
5/23/2017	<0.003	
9/22/2017	<0.003	
3/14/2018	<0.003	
9/11/2018	<0.003	
3/12/2019	<0.003	
9/10/2019	<0.003	
3/5/2020	<0.003	
9/9/2020	<0.003	
3/10/2021	<0.003	
7/30/2021	<0.003	
1/28/2022	<0.003	
8/11/2022	<0.003	
2/10/2023	<0.003	
8/3/2023	0.0033	
2/15/2024		0.00063 (J)
7/31/2024		<0.003
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
9/17/2014	<0.003	
10/4/2014	<0.003	
10/21/2014	<0.003	
11/5/2014	<0.003	
3/3/2015	<0.003	
3/18/2015	<0.003	
4/7/2015	<0.003	
4/23/2015	<0.003	
7/29/2015	<0.003	
3/7/2016	0.003	
5/5/2016	<0.003	
7/13/2016	<0.003	
9/13/2016	<0.003	
10/31/2016	<0.003	
1/12/2017	<0.003	
3/23/2017	<0.003	
5/23/2017	<0.003	
9/25/2017	<0.003	
3/14/2018	<0.003	
9/11/2018	<0.003	
3/12/2019	<0.003	
9/9/2019	<0.003	
3/6/2020	0.00049 (J)	
9/9/2020	<0.003	
2/26/2021	<0.003	
7/29/2021	<0.003	
1/28/2022	<0.003	
8/10/2022	<0.003	
2/9/2023	<0.003	
8/3/2023	<0.003	
2/14/2024		<0.003
7/31/2024		<0.003
2/20/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18R	GWC-18R
9/17/2014	<0.003	
10/4/2014	<0.003	
10/21/2014	<0.003	
11/11/2014	<0.003	
3/3/2015	<0.003	
3/18/2015	<0.003	
4/7/2015	<0.003	
4/23/2015	<0.003	
7/29/2015	<0.003	
3/7/2016	<0.003	
5/5/2016	0.000672 (J)	
7/13/2016	<0.003	
9/12/2016	<0.003	
11/1/2016	<0.003	
1/11/2017	<0.003	
3/20/2017	0.0005 (J)	
5/22/2017	<0.003	
9/21/2017	0.0008 (J)	
3/14/2018	<0.003	
9/7/2018	<0.003	
3/12/2019	0.00091 (J)	
9/6/2019	0.00028 (J)	
3/5/2020	0.00068 (J)	
9/9/2020	<0.003	
2/26/2021	0.00059 (J)	
7/29/2021	0.0024 (J)	
1/27/2022	<0.003	
8/10/2022	<0.003	
2/9/2023	<0.003	
8/4/2023	<0.003	
2/14/2024		<0.003
7/31/2024		<0.003
2/19/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-19R	GWC-19R
9/17/2014	<0.003	
10/4/2014	<0.003	
10/21/2014	<0.003	
11/5/2014	<0.003	
3/3/2015	<0.003	
3/19/2015	<0.003	
4/7/2015	<0.003	
4/24/2015	<0.003	
7/29/2015	<0.003	
3/7/2016	<0.003	
5/9/2016	<0.003	
7/14/2016	<0.003	
9/12/2016	<0.003	
10/31/2016	<0.003	
1/11/2017	<0.003	
3/21/2017	<0.003	
5/22/2017	<0.003	
9/20/2017	<0.003	
3/14/2018	<0.003	
9/10/2018	<0.003	
3/12/2019	<0.003	
9/9/2019	<0.003	
3/4/2020	<0.003	
9/9/2020	<0.003	
2/26/2021	<0.003	
8/5/2021	<0.003	
1/27/2022	<0.003	
8/9/2022	<0.003	
2/9/2023	<0.003	
8/4/2023	<0.003	
2/14/2024		<0.003
7/31/2024		0.00091 (J)
2/20/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-20R
9/18/2014	<0.003	
10/5/2014	<0.003	
10/22/2014	<0.003	
11/5/2014	<0.003	
3/4/2015	<0.003	
3/19/2015	<0.003	
4/7/2015	<0.003	
4/24/2015	<0.003	
7/30/2015	<0.003	
3/8/2016	<0.003	
5/9/2016	<0.003	
7/14/2016	<0.003	
9/12/2016	<0.003	
10/31/2016	<0.003	
1/12/2017	<0.003	
3/22/2017	<0.003	
5/22/2017	<0.003	
9/19/2017	<0.003	
3/14/2018	<0.003	
9/10/2018	<0.003	
3/12/2019	<0.003	
9/6/2019	0.001755 (JD)	
3/5/2020	<0.003	
9/4/2020	<0.003	
3/9/2021	<0.003	
8/2/2021	<0.003	
1/27/2022	<0.003	
8/9/2022	<0.003	
2/10/2023	<0.003	
8/3/2023	<0.003	
2/15/2024		<0.003
8/1/2024		<0.003
2/20/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.0056	
10/5/2014	<0.0056	
10/22/2014	<0.0056	
11/5/2014	<0.0056	
3/4/2015	<0.0056	
3/19/2015	<0.0056	
4/8/2015	<0.0056	
4/24/2015	<0.0056	
7/30/2015	<0.0056	
3/8/2016	0.00318	
5/9/2016	0.00454	
7/15/2016	<0.0056	
9/9/2016	0.0033	
10/27/2016	0.0046	
1/12/2017	0.0064	
3/21/2017	0.0058	
5/23/2017	0.0023 (J)	
9/19/2017	0.0018 (J)	
3/14/2018	0.0063	
9/10/2018	0.0033	
3/11/2019	0.0029 (J)	
9/6/2019	0.01	
3/3/2020	0.0019 (J)	
9/8/2020	0.0041	
3/9/2021	0.0024 (J)	
8/2/2021	0.0048	
1/28/2022	0.0061	
8/10/2022	0.0081 (J)	
2/9/2023	0.0064	
8/4/2023	0.003	
2/15/2024		0.0017 (J)
8/2/2024		0.005
2/25/2025		0.00093 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.003	
10/5/2014	<0.003	
10/22/2014	<0.003	
11/5/2014	<0.003	
3/4/2015	<0.003	
3/19/2015	<0.003	
4/8/2015	<0.003	
4/24/2015	<0.003	
7/30/2015	<0.003	
3/7/2016	<0.003	
5/5/2016	<0.003	
7/14/2016	<0.003	
9/12/2016	<0.003	
10/27/2016	<0.003	
1/13/2017	<0.003	
3/20/2017	<0.003	
5/23/2017	<0.003	
9/19/2017	<0.003	
3/13/2018	<0.003	
9/7/2018	<0.003	
3/11/2019	<0.003	
9/5/2019	<0.003	
3/3/2020	<0.003	
9/8/2020	<0.003	
3/9/2021	<0.003	
8/2/2021	<0.003	
1/27/2022	<0.003	
8/10/2022	<0.003	
2/9/2023	<0.003	
8/3/2023	<0.003	
2/15/2024		<0.003
7/31/2024		<0.003
2/20/2025		0.001 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-23R	GWC-23R
9/18/2014	<0.003	
10/5/2014	<0.003	
10/22/2014	<0.003	
11/5/2014	<0.003	
3/4/2015	<0.003	
3/20/2015	<0.003	
4/8/2015	<0.003	
4/23/2015	<0.003	
7/30/2015	<0.003	
3/9/2016	0.003	
5/6/2016	0.000666 (J)	
7/15/2016	<0.003	
9/14/2016	0.0022 (J)	
11/1/2016	<0.003	
1/25/2017	<0.003	
3/22/2017	0.0006 (J)	
5/24/2017	<0.003	
9/21/2017	<0.003	
3/14/2018	<0.003	
9/11/2018	<0.003	
3/12/2019	<0.003	
9/6/2019	0.00029 (J)	
3/5/2020	<0.003	
9/9/2020	<0.003	
3/10/2021	<0.003	
7/30/2021	<0.003	
1/28/2022	<0.003	
8/11/2022	<0.003	
2/10/2023	<0.003	
8/3/2023	<0.003	
2/16/2024		0.00083 (J)
7/31/2024		<0.003
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-24R	GWC-24R
9/16/2014	<0.003	
10/4/2014	<0.003	
10/23/2014	<0.003	
11/10/2014	<0.003	
3/4/2015	<0.003	
3/20/2015	<0.003	
4/8/2015	<0.003	
4/23/2015	<0.003	
7/30/2015	<0.003	
3/4/2016	0.0271 (JO)	
5/5/2016	0.000761 (J)	
7/12/2016	0.0094 (O)	
9/13/2016	0.0072 (O)	
10/27/2016	0.005	
1/13/2017	0.0012 (J)	
3/20/2017	0.0014 (J)	
5/19/2017	0.0006 (J)	
9/19/2017	<0.003	
3/13/2018	0.0016 (J)	
9/11/2018	<0.003	
3/8/2019	<0.003	
9/5/2019	0.00031 (JD)	
3/3/2020	<0.003	
9/9/2020	0.00094 (J)	
3/9/2021	0.00035 (J)	
7/29/2021	0.0011 (J)	
1/28/2022	<0.003	
8/9/2022	<0.003	
2/9/2023	<0.003	
8/3/2023	<0.003	
2/15/2024		<0.003
7/31/2024		<0.003
2/24/2025		0.0013 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-25R	GWC-25R
9/16/2014	<0.003	
10/4/2014	<0.003	
10/23/2014	<0.003	
11/10/2014	<0.003	
3/4/2015	<0.003	
3/20/2015	<0.003	
4/9/2015	<0.003	
4/23/2015	<0.003	
7/30/2015	<0.003	
3/8/2016	0.0226 (O)	
5/4/2016	0.00107 (J)	
7/18/2016	0.0004 (J)	
9/13/2016	0.0028 (J)	
10/27/2016	0.0011 (J)	
1/13/2017	<0.003	
3/16/2017	0.0009 (J)	
5/19/2017	<0.003	
9/19/2017	<0.003	
3/13/2018	0.00093 (J)	
9/11/2018	<0.003	
3/8/2019	<0.003	
9/5/2019	<0.003	
3/3/2020	<0.003	
9/4/2020	0.0013 (J)	
3/9/2021	<0.003	
8/2/2021	<0.003	
1/27/2022	<0.003	
8/9/2022	<0.003	
2/9/2023	<0.003	
8/3/2023	<0.003	
2/16/2024		0.00087 (J)
7/31/2024		0.00072 (J)
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
9/15/2014	<0.003	
10/3/2014	<0.003	
10/20/2014	<0.003	
11/10/2014	<0.003	
3/2/2015	<0.003	
3/17/2015	<0.003	
4/5/2015	<0.003	
4/21/2015	<0.003	
7/28/2015	<0.003	
3/1/2016	<0.003	
5/2/2016	<0.003	
7/6/2016	<0.003	
9/7/2016	<0.003	
10/25/2016	<0.003	
1/5/2017	<0.003	
3/14/2017	<0.003	
5/16/2017	<0.003	
9/15/2017	<0.003	
3/12/2018	<0.003	
9/6/2018	<0.003	
3/7/2019	<0.003	
9/4/2019	<0.003	
3/2/2020	<0.003	
9/14/2020	<0.003	
3/26/2021	0.00092 (J)	
7/27/2021	<0.003	
1/26/2022	<0.003	
8/8/2022	0.0015 (J)	
2/8/2023	<0.003	
8/3/2023	<0.003	
2/13/2024		<0.003
7/30/2024		<0.003
2/19/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-37	GWC-37
9/16/2014	<0.003	
10/3/2014	<0.003	
10/20/2014	<0.003	
11/10/2014	<0.003	
3/2/2015	<0.003	
3/17/2015	<0.003	
4/5/2015	<0.003	
4/22/2015	<0.003	
7/28/2015	<0.003	
3/1/2016	0.00214 (J)	
5/3/2016	0.00178 (J)	
7/8/2016	0.0023 (J)	
9/7/2016	0.0039	
10/25/2016	0.0035	
1/6/2017	0.0052	
3/14/2017	0.003	
5/16/2017	0.0026 (J)	
9/15/2017	0.0016 (J)	
3/12/2018	0.0023 (J)	
9/6/2018	0.0024 (J)	
3/6/2019	0.0019 (J)	
9/4/2019	0.0029 (J)	
3/2/2020	0.0018 (J)	
9/3/2020	0.0012 (J)	
2/24/2021	0.0012 (J)	
7/28/2021	0.0016 (J)	
1/26/2022	<0.003	
8/8/2022	0.0018 (J)	
2/8/2023	0.0013 (J)	
8/2/2023	0.0018 (J)	
2/13/2024		<0.003
7/30/2024		<0.003
2/19/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1	GWA-1
8/23/2007	<0.005	
10/23/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	<0.005	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	<0.005	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	<0.005	
10/16/2013	<0.005	
4/11/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/22/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/30/2017	<0.005	
3/30/2017	<0.005	
6/9/2017	0.0005 (J)	
10/2/2017	<0.005	
3/16/2018	0.00085 (J)	
9/17/2018	<0.005 (D)	
3/20/2019	<0.005	
9/12/2019	0.0004 (J)	
3/11/2020	0.00088 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2	GWA-2
8/23/2007	<0.005	
10/24/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	<0.005	
3/11/2008	<0.005	
5/6/2008	<0.005	
12/4/2008	0.012 (O)	
4/21/2009	<0.005	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	<0.005	
10/15/2013	<0.005	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/20/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/2/2017	<0.005	
3/19/2018	<0.005	
9/14/2018	<0.005	
3/20/2019	<0.005	
9/12/2019	<0.005 (D)	
3/11/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	0.0019 (J)	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	0.005	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	0.0056	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	0.0008 (J)	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	0.0007 (J)	
6/9/2017	0.0006 (J)	
10/2/2017	0.0005 (J)	
3/16/2018	0.001 (J)	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	0.00051 (J)	
3/11/2020	0.00044 (J)	
9/15/2020	0.00081 (J)	
3/16/2021	<0.005	
8/9/2021	0.0031 (J)	
2/1/2022	0.0053	
8/16/2022	0.0033 (J)	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/26/2024		<0.005
8/6/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.005 (D)	
7/27/2016	0.0011 (JD)	
2/21/2017	<0.005	
3/27/2017	0.0007 (JD)	
6/8/2017	0.0007 (JD)	
7/17/2017	0.0005 (JD)	
7/27/2017	<0.005	
8/9/2017	0.0008 (J)	
9/29/2017	<0.005 (D)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
3/9/2020	0.00083 (J)	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/6/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		0.0018 (J)
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39Z	GWA-39Z
3/14/2016	<0.005	
5/11/2016	<0.005	
7/19/2016	<0.005	
9/15/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	0.0007 (J)	
6/7/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/15/2019	<0.005	
9/9/2019	0.00043 (J)	
3/9/2020	<0.005	
9/10/2020	<0.005	
3/12/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	0.0021 (J)	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/19/2024		<0.005
8/1/2024		0.0011 (J)
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	<0.005	
11/2/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	<0.005	
3/11/2008	<0.005	
5/14/2008	<0.005	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/8/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/21/2011	<0.005	
10/13/2011	<0.005	
5/1/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/23/2014	<0.005	
10/4/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/23/2016	<0.005	
5/23/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/4/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019	<0.005	
9/13/2019	<0.005	
3/11/2020	<0.005	
3/29/2021	0.001 (J)	
8/9/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/17/2023	<0.005	
8/1/2023	<0.005	
2/22/2024		<0.005
8/8/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-40	GWA-40
3/15/2016	<0.005	
5/11/2016	<0.005	
7/21/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/24/2017	<0.005	
5/24/2017	<0.005	
9/26/2017	0.0005 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/9/2019	0.00068 (J)	
3/9/2020	<0.005	
9/11/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/12/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/19/2024		<0.005
8/1/2024		0.0011 (J)
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41	GWA-41
3/15/2016	<0.005	
5/12/2016	<0.005	
7/20/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/18/2017	<0.005	
3/24/2017	<0.005	
6/6/2017	<0.005 (*)	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005 (D)	
3/6/2020	<0.005	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		0.00092 (J)
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	0.0012 (J)	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	0.0008 (J)	
6/6/2017	<0.005 (*)	
9/25/2017	0.001 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/9/2020	<0.005	
9/10/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		0.0015 (J)
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	<0.005	
5/16/2016	<0.005	
7/22/2016	<0.005	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
6/7/2017	<0.005 (*)	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/6/2020	<0.005	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/20/2024		0.001 (J)
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005	
6/6/2017	<0.005 (*)	
9/22/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	<0.005	
3/9/2020	<0.005	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
1/31/2022	0.0013 (J)	
8/11/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43R	GWA-43R
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	0.0005 (J)	
6/6/2017	<0.005 (*)	
9/22/2017	<0.005	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	<0.005	
3/9/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ	GWA-4RZ
2/22/2017	0.0019 (J)	
4/7/2017	0.0008 (J)	
6/14/2017	0.0006 (JD)	
7/12/2017	<0.005 (D)	
7/20/2017	0.0009 (JD)	
7/28/2017	<0.005	
8/9/2017	0.0011 (J)	
8/24/2017	0.0007 (J)	
10/3/2017	0.0005 (JD)	
3/21/2018	0.0012 (J)	
9/18/2018	<0.005	
3/21/2019	<0.005 (D)	
9/12/2019	0.0006 (JD)	
3/12/2020	0.0033 (J)	
9/17/2020	0.0011 (J)	
3/16/2021	0.00098 (J)	
8/10/2021	0.0025 (J)	
2/3/2022	0.0034 (J)	
8/17/2022	<0.005	
2/17/2023	<0.005	
7/28/2023	<0.005	
2/27/2024		<0.005
8/8/2024		0.0016 (J)
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-16R	GWC-16R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/11/2014	<0.005	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/6/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/3/2016	0.08869 (OD)	
5/10/2016	0.00128 (J)	
7/13/2016	0.001 (J)	
9/15/2016	0.0017 (J)	
11/2/2016	<0.005	
1/11/2017	<0.005	
3/20/2017	0.0012 (J)	
5/23/2017	<0.005	
9/21/2017	0.001 (J)	
3/14/2018	0.0013 (J)	
9/7/2018	<0.005	
3/11/2019	<0.005	
9/9/2019	0.00094 (J)	
3/4/2020	0.00088 (J)	
9/9/2020	0.0011 (J)	
3/9/2021	0.00094 (J)	
7/30/2021	0.0025 (J)	
1/28/2022	<0.005	
8/11/2022	<0.005	
2/10/2023	<0.005	
8/4/2023	<0.005	
2/15/2024		0.00097 (J)
7/31/2024		0.0018 (J)
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-17R	GWC-17R
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/11/2014	<0.005	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/6/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/4/2016	<0.005	
5/10/2016	<0.005	
7/14/2016	<0.005	
9/14/2016	<0.005	
11/1/2016	<0.005	
1/11/2017	<0.005	
3/21/2017	0.0009 (J)	
5/23/2017	<0.005	
9/22/2017	0.0008 (J)	
3/14/2018	0.00092 (J)	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/10/2019	<0.005	
3/5/2020	<0.005	
9/9/2020	<0.005	
3/10/2021	<0.005	
7/30/2021	0.0053	
1/28/2022	<0.005	
8/11/2022	<0.005	
2/10/2023	<0.005	
8/3/2023	<0.005	
2/15/2024		<0.005
7/31/2024		0.002 (J)
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/5/2014	<0.005	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/7/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
5/5/2016	<0.005	
7/13/2016	<0.005	
9/13/2016	<0.005	
10/31/2016	<0.005	
1/12/2017	<0.005	
3/23/2017	<0.005	
5/23/2017	<0.005	
9/25/2017	<0.005	
3/14/2018	0.00091 (J)	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/9/2019	0.00099 (J)	
3/6/2020	<0.005	
9/9/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	0.0015 (J)	
1/28/2022	<0.005	
8/10/2022	<0.005	
2/9/2023	<0.005	
8/3/2023	<0.005	
2/14/2024		<0.005
7/31/2024		0.001 (J)
2/20/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18R	GWC-18R
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/11/2014	0.005	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/7/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
5/5/2016	<0.005	
7/13/2016	<0.005	
9/12/2016	<0.005	
11/1/2016	<0.005	
1/11/2017	<0.005	
3/20/2017	0.0006 (J)	
5/22/2017	<0.005	
9/21/2017	<0.005	
3/14/2018	0.00057 (J)	
9/7/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	<0.005	
3/5/2020	0.00042 (J)	
9/9/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	0.002 (J)	
1/27/2022	<0.005	
8/10/2022	<0.005	
2/9/2023	<0.005	
8/4/2023	<0.005	
2/14/2024		<0.005
7/31/2024		0.0013 (J)
2/19/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-19R	GWC-19R
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/5/2014	<0.005	
3/3/2015	<0.005	
3/19/2015	<0.005	
4/7/2015	<0.005	
4/24/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
5/9/2016	<0.005	
7/14/2016	<0.005	
9/12/2016	<0.005	
10/31/2016	<0.005	
1/11/2017	<0.005	
3/21/2017	0.0007 (J)	
5/22/2017	<0.005	
9/20/2017	<0.005	
3/14/2018	0.00076 (J)	
9/10/2018	<0.005	
3/12/2019	<0.005	
9/9/2019	0.00082 (J)	
3/4/2020	0.00072 (J)	
9/9/2020	<0.005	
2/26/2021	<0.005	
8/5/2021	<0.005	
1/27/2022	<0.005	
8/9/2022	<0.005	
2/9/2023	<0.005	
8/4/2023	<0.005	
2/14/2024		<0.005
7/31/2024		0.0012 (J)
2/20/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-20R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/7/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	<0.005	
5/9/2016	<0.005	
7/14/2016	0.0008 (J)	
9/12/2016	<0.005	
10/31/2016	<0.005	
1/12/2017	<0.005	
3/22/2017	<0.005	
5/22/2017	<0.005	
9/19/2017	0.0006 (J)	
3/14/2018	0.0011 (J)	
9/10/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	0.00047 (JD)	
3/5/2020	<0.005	
9/4/2020	<0.005	
3/9/2021	<0.005	
8/2/2021	0.0028 (J)	
1/27/2022	<0.005	
8/9/2022	<0.005	
2/10/2023	<0.005	
8/3/2023	<0.005	
2/15/2024		<0.005
8/1/2024		0.0018 (J)
2/20/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	0.0148 (O)	
5/9/2016	0.00347 (J)	
7/15/2016	0.0017 (J)	
9/9/2016	<0.005	
10/27/2016	<0.005	
1/12/2017	0.002 (J)	
3/21/2017	0.0021 (J)	
5/23/2017	<0.005	
9/19/2017	0.0013 (J)	
3/14/2018	0.0033 (J)	
9/10/2018	<0.005	
3/11/2019	0.0038 (J)	
9/6/2019	0.0024 (J)	
3/3/2020	0.0015 (J)	
9/8/2020	0.0023 (J)	
3/9/2021	0.0045 (J)	
8/2/2021	0.0071	
1/28/2022	0.0031 (J)	
8/10/2022	0.0025 (J)	
2/9/2023	0.0025 (J)	
8/4/2023	<0.005	
2/15/2024		0.001 (J)
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	<0.005	
3/7/2016	<0.005	
5/5/2016	<0.005	
7/14/2016	0.001 (J)	
9/12/2016	<0.005	
10/27/2016	<0.005	
1/13/2017	<0.005	
3/20/2017	0.0012 (J)	
5/23/2017	<0.005	
9/19/2017	0.0021 (J)	
3/13/2018	0.00087 (J)	
9/7/2018	<0.005	
3/11/2019	0.00099 (J)	
9/5/2019	0.0024 (J)	
3/3/2020	0.0014 (J)	
9/8/2020	0.0025 (J)	
3/9/2021	0.0018 (J)	
8/2/2021	0.0041 (J)	
1/27/2022	0.0045 (J)	
8/10/2022	0.0035 (J)	
2/9/2023	0.003 (J)	
8/3/2023	<0.005	
2/15/2024		0.002 (J)
7/31/2024		0.0027 (J)
2/20/2025		0.0016 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-23R	GWC-23R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/8/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/9/2016	<0.005	
5/6/2016	<0.005	
7/15/2016	<0.005	
9/14/2016	<0.005	
11/1/2016	<0.005	
1/25/2017	<0.005	
3/22/2017	<0.005	
5/24/2017	0.0006 (J)	
9/21/2017	<0.005	
3/14/2018	0.0014 (J)	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	0.00054 (J)	
3/5/2020	<0.005	
9/9/2020	<0.005	
3/10/2021	<0.005	
7/30/2021	0.006	
1/28/2022	0.0026 (J)	
8/11/2022	<0.005	
2/10/2023	0.0032 (J)	
8/3/2023	0.0049 (J)	
2/16/2024		0.0011 (J)
7/31/2024		0.0023 (J)
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:25 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-24R	GWC-24R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/8/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/4/2016	0.0015 (J)	
5/5/2016	<0.005	
7/12/2016	0.0009 (J)	
9/13/2016	<0.005	
10/27/2016	<0.005	
1/13/2017	<0.005	
3/20/2017	0.0013 (J)	
5/19/2017	0.001 (J)	
9/19/2017	<0.005	
3/13/2018	0.0015 (J)	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	0.0005 (JD)	
3/3/2020	<0.005	
9/9/2020	<0.005	
3/9/2021	<0.005	
7/29/2021	0.0031 (J)	
1/28/2022	0.0021 (J)	
8/9/2022	<0.005	
2/9/2023	<0.005	
8/3/2023	<0.005	
2/15/2024		<0.005
7/31/2024		0.0017 (J)
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-25R	GWC-25R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/9/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	<0.005	
5/4/2016	<0.005	
7/18/2016	<0.005	
9/13/2016	<0.005	
10/27/2016	<0.005	
1/13/2017	<0.005	
3/16/2017	0.0004 (J)	
5/19/2017	0.0005 (J)	
9/19/2017	<0.005	
3/13/2018	0.00073 (J)	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	<0.005	
9/4/2020	<0.005	
3/9/2021	<0.005	
8/2/2021	0.0036 (J)	
1/27/2022	<0.005	
8/9/2022	<0.005	
2/9/2023	<0.005	
8/3/2023	<0.005	
2/16/2024		<0.005
7/31/2024		0.0013 (J)
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
9/15/2014	0.0036 (J)	
10/3/2014	<0.005	
10/20/2014	0.0022 (J)	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/21/2015	<0.005	
7/28/2015	<0.005	
3/1/2016	<0.005	
5/2/2016	<0.005	
7/6/2016	0.0008 (J)	
9/7/2016	<0.005	
10/25/2016	<0.005	
1/5/2017	<0.005	
3/14/2017	<0.005	
5/16/2017	<0.005	
9/15/2017	0.0007 (J)	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	<0.005	
9/14/2020	<0.005	
3/26/2021	<0.005	
7/27/2021	<0.005	
1/26/2022	<0.005	
8/8/2022	<0.005	
2/8/2023	<0.005	
8/3/2023	<0.005	
2/13/2024		<0.005
7/30/2024		0.0016 (J)
2/19/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-37	GWC-37
9/16/2014	<0.005	
10/3/2014	<0.005	
10/20/2014	<0.005	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/22/2015	<0.005	
7/28/2015	<0.005	
3/1/2016	<0.005	
5/3/2016	<0.005	
7/8/2016	<0.005	
9/7/2016	<0.005	
10/25/2016	<0.005	
1/6/2017	<0.005	
3/14/2017	0.0005 (J)	
5/16/2017	<0.005	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/6/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	0.00053 (J)	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/28/2021	<0.005	
1/26/2022	0.0019 (J)	
8/8/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/13/2024		<0.005
7/30/2024		0.0014 (J)
2/19/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-38	GWC-38
9/16/2014	<0.005	
10/3/2014	<0.005	
10/20/2014	<0.005	
11/10/2014	<0.005	
3/2/2015	0.0062	
3/17/2015	<0.005	
4/6/2015	<0.005	
4/22/2015	<0.005	
7/28/2015	<0.005	
3/2/2016	<0.005	
5/3/2016	<0.005	
7/7/2016	<0.005	
9/8/2016	<0.005	
10/25/2016	<0.005	
2/9/2017	<0.005	
3/23/2017	<0.005	
5/17/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	0.00061 (J)	
9/6/2018	0.00071 (J)	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	0.00059 (J)	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/28/2021	<0.005	
1/25/2022	<0.005	
8/5/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/13/2024		<0.005
7/30/2024		0.0017 (J)
2/19/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1	GWA-1
8/23/2007	0.02	
10/23/2007	0.039	
11/18/2007	0.04 (J)	
1/30/2008	0.04	
3/10/2008	0.033	
5/13/2008	0.03	
12/5/2008	0.0087	
4/15/2009	0.023	
10/7/2009	0.15 (O)	
5/3/2010	0.025	
10/12/2010	0.029	
4/27/2011	0.026	
10/17/2011	0.021	
5/2/2012	0.0212	
10/8/2012	0.019	
4/12/2013	0.022	
10/16/2013	0.02	
4/11/2014	0.018	
9/30/2014	0.013	
3/30/2015	0.021	
10/13/2015	0.012	
3/22/2016	0.0182	
5/19/2016	0.0193	
7/29/2016	0.0174	
9/23/2016	0.0168	
11/9/2016	0.0171	
1/30/2017	0.019	
3/30/2017	0.0184	
6/9/2017	0.0174	
10/2/2017	0.0167	
3/16/2018	0.016	
9/17/2018	0.015 (D)	
3/20/2019	0.019	
9/12/2019	0.018	
3/11/2020	0.016	
9/15/2020	0.019	
3/16/2021	0.018	
8/9/2021	0.019	
2/1/2022	0.015	
8/16/2022	0.017	
2/16/2023	0.018	
7/27/2023	0.018	
2/22/2024		0.018
8/7/2024		0.015
2/27/2025		0.017

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2	GWA-2
8/23/2007	0.0073	
10/24/2007	0.027	
11/18/2007	0.13 (O)	
1/31/2008	0.0077	
3/11/2008	0.015	
5/6/2008	0.017	
12/4/2008	0.14 (O)	
4/21/2009	0.018	
10/7/2009	0.014	
4/26/2010	0.017	
10/4/2010	0.011	
4/13/2011	0.026	
10/5/2011	0.021	
4/11/2012	0.0311	
10/9/2012	0.018	
4/15/2013	0.056	
10/15/2013	0.018	
4/22/2014	0.035	
9/30/2014	0.0041	
3/30/2015	0.036	
10/13/2015	0.0048	
3/23/2016	0.0271	
5/20/2016	0.0206	
7/29/2016	0.0275	
9/23/2016	0.0384	
11/9/2016	0.0266	
1/31/2017	0.0094 (J)	
3/30/2017	0.0262	
6/12/2017	0.0288	
10/2/2017	0.0048 (J)	
3/19/2018	0.037	
9/14/2018	0.0059 (J)	
3/20/2019	0.0072 (J)	
9/12/2019	0.0058 (JD)	
3/11/2020	0.035	
9/15/2020	0.019	
3/17/2021	0.025	
8/9/2021	0.024	
2/1/2022	0.026	
8/16/2022	0.021	
2/16/2023	0.029	
7/27/2023	0.02	
2/22/2024		0.021
8/7/2024		0.017
2/27/2025		0.024

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2R	GWA-2R
8/23/2007	0.0098	
10/24/2007	0.015	
11/18/2007	0.011	
1/31/2008	0.13 (O)	
3/10/2008	0.0078	
5/13/2008	0.0077	
12/4/2008	0.0089	
4/21/2009	0.013	
10/8/2009	0.008	
4/21/2010	0.01	
9/28/2010	0.0036	
4/12/2011	0.0084	
10/4/2011	0.0066	
4/3/2012	0.0625 (O)	
10/9/2012	0.01	
4/11/2013	0.021	
10/16/2013	0.033	
4/10/2014	0.021	
9/30/2014	0.0062	
3/30/2015	0.011	
10/13/2015	0.0065	
3/23/2016	0.0206	
5/19/2016	0.0109	
7/29/2016	0.007 (J)	
9/22/2016	0.0071 (J)	
11/10/2016	0.0052 (J)	
1/31/2017	0.0076 (J)	
4/3/2017	0.007 (J)	
6/9/2017	0.0074 (J)	
10/2/2017	0.0085 (J)	
3/16/2018	0.015	
9/14/2018	0.0095 (J)	
3/19/2019	0.024	
9/13/2019	0.012	
3/11/2020	0.027	
9/15/2020	0.013	
3/16/2021	0.013	
8/9/2021	0.029	
2/1/2022	0.024	
8/16/2022	0.027	
2/16/2023	0.028	
7/27/2023	0.024	
2/26/2024		0.021
8/6/2024		0.015
2/27/2025		0.028

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	0.0113 (D)	
7/27/2016	0.0114 (D)	
2/21/2017	0.0178	
3/27/2017	0.0162 (D)	
6/8/2017	0.0156 (D)	
7/17/2017	0.016 (D)	
7/27/2017	0.0184	
8/9/2017	0.0162	
9/29/2017	0.0159 (D)	
3/16/2018	0.016	
9/14/2018	0.015	
3/14/2019	0.018	
3/9/2020	0.017	
9/16/2020	0.027	
3/16/2021	0.014	
8/6/2021	0.014	
2/2/2022	0.013	
8/16/2022	0.013	
2/14/2023	0.014	
7/25/2023	0.014	
2/19/2024		0.015
8/1/2024		0.014
2/26/2025		0.016

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39Z	GWA-39Z
3/14/2016	0.0234	
5/11/2016	0.00793 (J)	
7/19/2016	0.0045 (J)	
9/15/2016	0.0057 (J)	
11/2/2016	0.0043 (J)	
1/18/2017	<0.01 (*)	
3/28/2017	0.0188	
6/7/2017	0.0273	
9/26/2017	0.0236	
3/14/2018	0.027	
9/12/2018	0.022	
3/15/2019	0.019	
9/9/2019	0.015	
3/9/2020	0.0072 (J)	
9/10/2020	0.0042 (J)	
3/12/2021	0.014	
8/4/2021	0.011	
1/31/2022	0.013	
8/10/2022	0.01	
2/13/2023	0.018	
7/26/2023	0.016	
2/19/2024		0.013
8/1/2024		0.011
2/25/2025		0.019

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	0.015 (O)	
11/2/2007	0.017 (O)	
11/18/2007	0.019 (O)	
1/31/2008	0.011 (O)	
3/11/2008	0.016 (O)	
5/14/2008	0.013 (O)	
12/5/2008	0.021 (O)	
4/15/2009	0.012 (O)	
10/8/2009	0.011 (O)	
4/28/2010	0.0081	
10/6/2010	0.0083	
4/21/2011	0.0053	
10/13/2011	0.0071	
5/1/2012	0.0067	
10/9/2012	0.0055	
4/11/2013	0.0061	
10/16/2013	0.0062	
4/23/2014	0.0047	
10/4/2014	0.0055	
3/31/2015	0.0076	
10/12/2015	0.0049	
3/23/2016	0.00742 (J)	
5/23/2016	0.00532 (J)	
7/29/2016	0.0053 (J)	
9/22/2016	0.0058 (J)	
11/10/2016	0.0051 (J)	
1/31/2017	0.0054 (J)	
3/30/2017	0.0049 (J)	
6/12/2017	<0.01	
10/4/2017	0.0047 (J)	
3/19/2018	0.0047 (J)	
9/17/2018	0.0041 (J)	
3/20/2019	0.0042 (J)	
9/13/2019	0.0042 (J)	
3/11/2020	0.0041 (J)	
3/29/2021	0.0073	
8/9/2021	0.0073	
2/2/2022	0.0064	
8/16/2022	0.0067	
2/17/2023	0.0065	
8/1/2023	0.0074	
2/22/2024		0.0074
8/8/2024		0.0068
2/26/2025		0.0075

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-40	GWA-40
3/15/2016	0.0101	
5/11/2016	0.00992 (J)	
7/21/2016	0.009 (J)	
9/15/2016	0.0109	
11/3/2016	0.0115	
1/17/2017	0.0101	
3/24/2017	0.0086 (J)	
5/24/2017	0.0087 (J)	
9/26/2017	0.0075 (J)	
3/14/2018	0.0064 (J)	
9/12/2018	0.0075 (J)	
3/13/2019	0.0076 (J)	
9/9/2019	0.0078 (J)	
3/9/2020	0.0088 (J)	
9/11/2020	0.0079 (J)	
3/10/2021	0.0083	
8/4/2021	0.008	
1/31/2022	0.0081	
8/12/2022	0.0076	
2/13/2023	0.0075	
7/26/2023	0.0081	
2/19/2024		0.0083
8/1/2024		0.0073
2/25/2025		0.0083

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41	GWA-41
3/15/2016	0.0291	
5/12/2016	0.0322	
7/20/2016	0.0313	
9/15/2016	0.0217	
11/3/2016	0.0272	
1/18/2017	0.0286 (J)	
3/24/2017	0.0307	
6/6/2017	0.0242	
9/25/2017	0.0252	
3/14/2018	0.021	
9/12/2018	0.025	
3/14/2019	0.028	
9/10/2019	0.0195 (D)	
3/6/2020	0.022	
9/10/2020	0.024	
3/11/2021	0.024	
8/4/2021	0.021	
1/31/2022	0.022	
8/11/2022	0.022	
2/13/2023	0.029	
7/25/2023	0.018	
2/19/2024		0.017
8/1/2024		0.014
2/25/2025		0.019

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R	GWA-41R
3/15/2016	0.0462	
5/13/2016	0.0265	
7/21/2016	0.0243	
9/21/2016	0.0145	
11/3/2016	0.0082 (J)	
1/17/2017	0.007 (J)	
3/27/2017	0.016	
6/6/2017	0.0301	
9/25/2017	0.0169	
3/14/2018	0.036	
9/12/2018	0.021	
3/14/2019	0.04	
9/10/2019	0.031	
3/9/2020	0.031	
9/10/2020	0.031	
3/10/2021	0.023	
8/4/2021	0.021	
1/31/2022	0.031	
8/11/2022	0.019	
2/13/2023	0.028	
7/25/2023	0.023	
2/19/2024		0.027
8/1/2024		0.044
2/25/2025		0.037

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	0.00639 (J)	
5/16/2016	0.00622 (J)	
7/22/2016	0.0062 (J)	
9/19/2016	0.0064 (J)	
11/3/2016	0.0058 (J)	
1/17/2017	0.0061 (J)	
3/27/2017	0.0063 (J)	
6/7/2017	0.0064 (J)	
9/26/2017	0.006 (J)	
3/14/2018	0.0065 (J)	
9/14/2018	0.0065 (J)	
3/14/2019	0.0066 (J)	
9/10/2019	0.0068 (J)	
3/6/2020	0.0066 (J)	
9/10/2020	0.0059 (J)	
3/11/2021	0.0061	
8/4/2021	0.0061	
1/31/2022	0.0063	
8/10/2022	0.0063	
2/13/2023	0.0061	
7/26/2023	0.0064	
2/20/2024		0.007
8/1/2024		0.0063
2/25/2025		0.0071

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	0.0116	
5/13/2016	0.0361	
7/19/2016	0.036	
9/16/2016	0.0259	
11/2/2016	0.037	
1/18/2017	0.0248	
3/28/2017	0.0222	
6/6/2017	0.02	
9/22/2017	0.0179	
3/14/2018	0.016	
9/12/2018	0.017	
3/13/2019	0.014	
9/11/2019	0.015	
3/9/2020	0.012	
9/11/2020	0.024	
3/11/2021	0.0096	
8/6/2021	0.015	
1/31/2022	0.014	
8/11/2022	0.016	
2/14/2023	0.011	
7/25/2023	0.012	
2/20/2024		0.011
8/2/2024		0.0099
2/25/2025		0.01

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43R	GWA-43R
3/11/2016	0.00819 (J)	
5/13/2016	0.00756 (J)	
7/19/2016	0.0079 (J)	
9/16/2016	0.0078 (J)	
11/2/2016	0.0082 (J)	
1/18/2017	0.0085 (J)	
3/28/2017	0.0084 (J)	
6/6/2017	0.0078 (J)	
9/22/2017	0.0076 (J)	
3/15/2018	0.0092 (J)	
9/12/2018	0.008 (J)	
3/13/2019	0.0077 (J)	
9/11/2019	0.0079 (J)	
3/9/2020	0.0069 (J)	
9/14/2020	0.0075 (J)	
3/11/2021	0.0069	
8/5/2021	0.0069	
1/31/2022	0.0076	
8/10/2022	0.0066	
2/13/2023	0.0064	
7/25/2023	0.0073	
2/20/2024		0.0074
8/2/2024		0.0072
2/25/2025		0.0074

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ	GWA-4RZ
2/22/2017	0.0273	
4/7/2017	0.024	
6/14/2017	0.027 (D)	
7/12/2017	0.027 (D)	
7/20/2017	0.0304 (D)	
7/28/2017	0.0269	
8/9/2017	0.0254	
8/24/2017	0.0285	
10/3/2017	0.0294 (D)	
3/21/2018	0.03	
9/18/2018	0.032	
3/21/2019	0.04 (D)	
9/12/2019	0.034 (D)	
3/12/2020	0.053	
9/17/2020	0.036	
3/16/2021	0.042	
8/10/2021	0.045	
2/3/2022	0.063	
8/17/2022	0.034	
2/17/2023	0.043	
7/28/2023	0.043	
2/27/2024		0.046
8/8/2024		0.053
2/28/2025		0.043

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50	GWA-50
12/12/2008	0.098 (O)	
4/23/2009	0.013	
10/6/2009	0.011	
4/27/2010	0.016	
9/30/2010	0.013	
4/14/2011	0.011	
10/5/2011	0.015	
4/11/2012	0.0102	
10/2/2012	0.0091	
4/9/2013	0.01	
10/15/2013	0.0098	
4/10/2014	0.011	
10/1/2014	0.0033	
3/30/2015	0.0043	
10/11/2015	0.0038	
3/28/2016	0.0133	
5/23/2016	0.0109	
8/1/2016	0.0058 (J)	
9/26/2016	0.0092 (J)	
11/10/2016	0.0083 (J)	
1/30/2017	0.0117	
4/7/2017	0.0109	
6/12/2017	<0.01	
10/2/2017	0.0122	
3/16/2018	0.0084 (J)	
9/17/2018	0.01	
3/19/2019	0.012	
9/13/2019	0.0088 (J)	
3/11/2020	0.0077 (J)	
9/16/2020	0.0081 (J)	
3/17/2021	0.0074	
8/9/2021	0.0071	
2/1/2022	0.0065	
8/16/2022	0.0072	
2/16/2023	0.0067	
7/28/2023	0.0075	
2/22/2024		0.0073
8/8/2024		0.0073
2/27/2025		0.0074

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R	GWA-50R
12/12/2008	0.016	
4/23/2009	0.14 (O)	
10/6/2009	0.12 (O)	
5/3/2010	0.12 (O)	
10/11/2010	0.019	
4/27/2011	0.02	
10/19/2011	0.014	
5/1/2012	0.0199	
10/2/2012	0.015	
4/10/2013	0.016	
10/16/2013	0.017	
4/22/2014	0.017	
10/1/2014	0.013	
3/30/2015	0.014	
10/11/2015	0.0093	
3/28/2016	0.0155	
5/25/2016	0.0143	
8/1/2016	0.0129	
9/26/2016	0.0177	
11/11/2016	0.0117	
1/30/2017	0.0113	
4/3/2017	0.0166	
6/12/2017	0.017	
10/2/2017	0.0157	
3/16/2018	0.012	
9/18/2018	0.0099 (J)	
3/19/2019	0.013	
9/12/2019	0.011	
3/11/2020	0.0095 (J)	
9/15/2020	0.0089 (J)	
3/17/2021	0.012	
8/9/2021	0.0089	
2/2/2022	0.009	
8/17/2022	0.0091	
2/16/2023	0.0081	
7/28/2023	0.0079	
2/22/2024		0.008
8/8/2024		0.0079
2/28/2025		0.0081

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-16R	GWC-16R
9/16/2014	0.069	
10/4/2014	0.057	
10/21/2014	0.056	
11/11/2014	0.05	
3/3/2015	0.045	
3/18/2015	0.044	
4/6/2015	0.045	
4/23/2015	0.041	
7/29/2015	0.043	
3/3/2016	0.0806	
5/10/2016	0.0495	
7/13/2016	0.0374	
9/15/2016	0.0542	
11/2/2016	0.0561	
1/11/2017	0.0401	
3/20/2017	0.0383	
5/23/2017	0.0376	
9/21/2017	0.0418	
3/14/2018	0.036	
9/7/2018	0.047	
3/11/2019	0.044	
9/9/2019	0.03	
3/4/2020	0.045	
9/9/2020	0.051	
3/9/2021	0.058	
7/30/2021	0.045	
1/28/2022	0.049	
8/11/2022	0.034	
2/10/2023	0.053	
8/4/2023	0.034	
2/15/2024		0.041
7/31/2024		0.035
2/25/2025		0.039

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-17R	GWC-17R
9/17/2014	0.019	
10/4/2014	0.02	
10/21/2014	0.02	
11/11/2014	0.021	
3/3/2015	0.02	
3/18/2015	0.019	
4/6/2015	0.02	
4/23/2015	0.019	
7/29/2015	0.02	
3/4/2016	0.0262 (JO)	
5/10/2016	0.0204	
7/14/2016	0.0198	
9/14/2016	0.0183	
11/1/2016	0.0209	
1/11/2017	0.0194	
3/21/2017	0.0201	
5/23/2017	0.0199	
9/22/2017	0.0195	
3/14/2018	0.02	
9/11/2018	0.019	
3/12/2019	0.021	
9/10/2019	0.019	
3/5/2020	0.018	
9/9/2020	0.018	
3/10/2021	0.019	
7/30/2021	0.019	
1/28/2022	0.018	
8/11/2022	0.017	
2/10/2023	0.018	
8/3/2023	0.019	
2/15/2024		0.018
7/31/2024		0.018
2/25/2025		0.019

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
9/17/2014	0.035	
10/4/2014	0.038	
10/21/2014	0.034	
11/5/2014	0.04	
3/3/2015	0.033	
3/18/2015	0.031	
4/7/2015	0.038	
4/23/2015	0.031	
7/29/2015	0.045	
3/7/2016	<3 (O)	
5/5/2016	0.0278	
7/13/2016	0.0255	
9/13/2016	0.0251	
10/31/2016	0.0277	
1/12/2017	0.0258	
3/23/2017	0.0254	
5/23/2017	0.0247	
9/25/2017	0.0228	
3/14/2018	0.025	
9/11/2018	0.019	
3/12/2019	0.014	
9/9/2019	0.028	
3/6/2020	0.015	
9/9/2020	0.016	
2/26/2021	0.017	
7/29/2021	0.016	
1/28/2022	0.044	
8/10/2022	0.013	
2/9/2023	0.016	
8/3/2023	0.012	
2/14/2024		0.014
7/31/2024		0.013
2/20/2025		0.014

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18R	GWC-18R
9/17/2014	0.015	
10/4/2014	<0.0013	
10/21/2014	0.027 (O)	
11/11/2014	0.028 (O)	
3/3/2015	0.034 (O)	
3/18/2015	0.014	
4/7/2015	0.017	
4/23/2015	0.013	
7/29/2015	0.013	
3/7/2016	0.0129	
5/5/2016	0.0149	
7/13/2016	0.0132	
9/12/2016	0.0142	
11/1/2016	0.0127	
1/11/2017	0.0146	
3/20/2017	0.0147	
5/22/2017	0.0146	
9/21/2017	0.0152	
3/14/2018	0.014	
9/7/2018	0.015	
3/12/2019	0.014	
9/6/2019	0.014	
3/5/2020	0.015	
9/9/2020	0.014	
2/26/2021	0.015	
7/29/2021	0.015	
1/27/2022	0.014	
8/10/2022	0.014	
2/9/2023	0.015	
8/4/2023	0.013	
2/14/2024		0.014
7/31/2024		0.013
2/19/2025		0.014

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-19R	GWC-19R
9/17/2014	0.018	
10/4/2014	0.017	
10/21/2014	0.017	
11/5/2014	0.017	
3/3/2015	0.016	
3/19/2015	0.015	
4/7/2015	0.017	
4/24/2015	0.015	
7/29/2015	0.016	
3/7/2016	<3 (O)	
5/9/2016	0.0162	
7/14/2016	0.0142	
9/12/2016	0.0154	
10/31/2016	0.015	
1/11/2017	0.0148	
3/21/2017	0.0159	
5/22/2017	0.0155	
9/20/2017	0.0164	
3/14/2018	0.016	
9/10/2018	0.016	
3/12/2019	0.016	
9/9/2019	0.015	
3/4/2020	0.017	
9/9/2020	0.014	
2/26/2021	0.016	
8/5/2021	0.017	
1/27/2022	0.016	
8/9/2022	0.014	
2/9/2023	0.015	
8/4/2023	0.014	
2/14/2024		0.015
7/31/2024		0.014
2/20/2025		0.016

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-20R
9/18/2014	0.031	
10/5/2014	0.032	
10/22/2014	0.03	
11/5/2014	0.031	
3/4/2015	0.026	
3/19/2015	0.028	
4/7/2015	0.031	
4/24/2015	0.027	
7/30/2015	0.032	
3/8/2016	0.0298	
5/9/2016	0.0304	
7/14/2016	0.0307	
9/12/2016	0.0331	
10/31/2016	0.0321	
1/12/2017	0.0291	
3/22/2017	0.025	
5/22/2017	0.0276	
9/19/2017	0.034	
3/14/2018	0.03	
9/10/2018	0.028	
3/12/2019	0.03	
9/6/2019	0.0275 (D)	
3/5/2020	0.028	
9/4/2020	0.033	
3/9/2021	0.027	
8/2/2021	0.03	
1/27/2022	0.028	
8/9/2022	0.029	
2/10/2023	0.031	
8/3/2023	0.035	
2/15/2024		0.031
8/1/2024		0.038
2/20/2025		0.033

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-21R
9/18/2014	0.023	
10/5/2014	0.025	
10/22/2014	0.025	
11/5/2014	0.025	
3/4/2015	0.024	
3/19/2015	0.024	
4/8/2015	0.027	
4/24/2015	0.025	
7/30/2015	0.025	
3/8/2016	0.0377	
5/9/2016	0.0347	
7/15/2016	0.0259	
9/9/2016	0.0242	
10/27/2016	0.0227	
1/12/2017	0.0253	
3/21/2017	0.0292	
5/23/2017	0.0282	
9/19/2017	0.0276	
3/14/2018	0.024	
9/10/2018	0.016	
3/11/2019	0.015	
9/6/2019	0.041	
3/3/2020	0.022	
9/8/2020	0.015	
3/9/2021	0.014	
8/2/2021	0.024	
1/28/2022	0.037	
8/10/2022	0.03	
2/9/2023	0.031	
8/4/2023	0.025	
2/15/2024		0.024
8/2/2024		0.023
2/25/2025		0.024

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-22R
9/18/2014	0.057	
10/5/2014	0.052	
10/22/2014	0.052	
11/5/2014	<0.0013	
3/4/2015	0.046	
3/19/2015	0.045	
4/8/2015	0.045	
4/24/2015	0.039	
7/30/2015	0.039	
3/7/2016	0.026	
5/5/2016	0.0374	
7/14/2016	0.0271	
9/12/2016	0.045	
10/27/2016	0.0359	
1/13/2017	0.0338	
3/20/2017	0.033	
5/23/2017	0.0287	
9/19/2017	0.0389	
3/13/2018	0.028	
9/7/2018	0.055	
3/11/2019	0.048	
9/5/2019	0.045	
3/3/2020	0.044	
9/8/2020	0.054	
3/9/2021	0.045	
8/2/2021	0.034	
1/27/2022	0.06	
8/10/2022	0.042	
2/9/2023	0.04	
8/3/2023	0.033	
2/15/2024		0.036
7/31/2024		0.032
2/20/2025		0.042

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-23R	GWC-23R
9/18/2014	0.042	
10/5/2014	0.038	
10/22/2014	0.029	
11/5/2014	0.031	
3/4/2015	0.03	
3/20/2015	0.027	
4/8/2015	0.032	
4/23/2015	0.026	
7/30/2015	0.029	
3/9/2016	0.0284 (J)	
5/6/2016	0.0233	
7/15/2016	0.0208	
9/14/2016	0.0198	
11/1/2016	0.0207	
1/25/2017	0.0195	
3/22/2017	0.0211	
5/24/2017	0.0217	
9/21/2017	0.0226	
3/14/2018	0.024	
9/11/2018	0.023	
3/12/2019	0.022	
9/6/2019	0.021	
3/5/2020	0.022	
9/9/2020	0.036	
3/10/2021	0.026	
7/30/2021	0.028	
1/28/2022	0.036	
8/11/2022	0.034	
2/10/2023	0.038	
8/3/2023	0.042	
2/16/2024		0.14
4/3/2024		0.018 (R)
7/31/2024		0.038
2/25/2025		0.023

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-24R	GWC-24R
9/16/2014	0.019	
10/4/2014	0.019	
10/23/2014	0.019	
11/10/2014	0.019	
3/4/2015	0.021	
3/20/2015	0.02	
4/8/2015	0.023	
4/23/2015	0.02	
7/30/2015	0.021	
3/4/2016	0.0422 (O)	
5/5/2016	0.0249	
7/12/2016	0.0246	
9/13/2016	0.0236	
10/27/2016	0.0229	
1/13/2017	0.0292	
3/20/2017	0.029	
5/19/2017	0.0295	
9/19/2017	0.0248	
3/13/2018	0.031	
9/11/2018	0.024	
3/8/2019	0.02	
9/5/2019	0.021 (D)	
3/3/2020	0.02	
9/9/2020	0.024	
3/9/2021	0.021	
7/29/2021	0.014	
1/28/2022	0.025	
8/9/2022	0.015	
2/9/2023	0.018	
8/3/2023	0.017	
2/15/2024		0.018
7/31/2024		0.017
2/24/2025		0.016

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-25R	GWC-25R
9/16/2014	0.015	
10/4/2014	0.015	
10/23/2014	0.015	
11/10/2014	0.015	
3/4/2015	0.016	
3/20/2015	0.015	
4/9/2015	0.016	
4/23/2015	0.015	
7/30/2015	0.015	
3/8/2016	0.0161	
5/4/2016	0.0167	
7/18/2016	0.0162	
9/13/2016	0.0161	
10/27/2016	0.016	
1/13/2017	0.015	
3/16/2017	0.0163	
5/19/2017	0.0164	
9/19/2017	0.0147	
3/13/2018	0.015	
9/11/2018	0.015	
3/8/2019	0.017	
9/5/2019	0.016	
3/3/2020	0.015	
9/4/2020	0.016	
3/9/2021	0.016	
8/2/2021	0.018	
1/27/2022	0.017	
8/9/2022	0.015	
2/9/2023	0.016	
8/3/2023	0.014	
2/16/2024		0.015
7/31/2024		0.014
2/25/2025		0.015

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
9/15/2014	0.031	
10/3/2014	0.024	
10/20/2014	0.024	
11/10/2014	0.014	
3/2/2015	0.013	
3/17/2015	0.013	
4/5/2015	0.022	
4/21/2015	0.018	
7/28/2015	0.022	
3/1/2016	0.021	
5/2/2016	0.0225	
7/6/2016	0.0249	
9/7/2016	0.0251	
10/25/2016	0.0274	
1/5/2017	0.028	
3/14/2017	0.02	
5/16/2017	0.0221	
9/15/2017	0.0231	
3/12/2018	0.023	
9/6/2018	0.024	
3/7/2019	0.018	
9/4/2019	0.026	
3/2/2020	0.024	
9/14/2020	0.03	
3/26/2021	0.02	
7/27/2021	0.043	
1/26/2022	0.035	
8/8/2022	0.038	
2/8/2023	0.038	
8/3/2023	0.033	
2/13/2024		0.036
7/30/2024		0.036
2/19/2025		0.036

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-37	GWC-37
9/16/2014	0.0071	
10/3/2014	0.0087	
10/20/2014	0.0085	
11/10/2014	0.008	
3/2/2015	0.0063	
3/17/2015	0.0066	
4/5/2015	0.0068	
4/22/2015	0.0094	
7/28/2015	0.0057	
3/1/2016	0.0101	
5/3/2016	0.0104	
7/8/2016	0.0095 (J)	
9/7/2016	0.0095 (J)	
10/25/2016	0.0121	
1/6/2017	0.014	
3/14/2017	0.009 (J)	
5/16/2017	0.0084 (J)	
9/15/2017	0.0078 (J)	
3/12/2018	0.006 (J)	
9/6/2018	0.0058 (J)	
3/6/2019	0.0052 (J)	
9/4/2019	0.005 (J)	
3/2/2020	0.005 (J)	
9/3/2020	0.0045 (J)	
2/24/2021	0.0044 (J)	
7/28/2021	0.0052	
1/26/2022	0.0046 (J)	
8/8/2022	0.0035 (J)	
2/8/2023	0.0039 (J)	
8/2/2023	0.0038 (J)	
2/13/2024		<0.005
7/30/2024		0.0035 (J)
2/19/2025		0.0038 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-38	GWC-38
9/16/2014	0.014	
10/3/2014	0.016	
10/20/2014	0.014	
11/10/2014	0.015	
3/2/2015	0.03 (O)	
3/17/2015	0.018	
4/6/2015	0.014	
4/22/2015	0.012	
7/28/2015	0.012	
3/2/2016	0.0123	
5/3/2016	0.0114	
7/7/2016	0.012	
9/8/2016	0.0131	
10/25/2016	0.0122	
2/9/2017	0.0104	
3/23/2017	0.0128	
5/17/2017	0.0113	
9/19/2017	0.0114	
3/13/2018	0.011	
9/6/2018	0.011	
3/7/2019	0.011	
9/4/2019	0.0115 (D)	
3/2/2020	0.012	
9/3/2020	0.011	
2/24/2021	0.013	
7/28/2021	0.013	
1/25/2022	0.012	
8/5/2022	0.012	
2/8/2023	0.013	
8/2/2023	0.011	
2/13/2024		0.012
7/30/2024		0.012
2/19/2025		0.014

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1	GWA-1
9/30/2014	<0.003	
3/30/2015	0.00029 (J)	
10/13/2015	<0.003	
3/22/2016	<0.003	
5/19/2016	<0.003	
7/29/2016	<0.003	
9/23/2016	<0.003	
11/9/2016	<0.003	
1/30/2017	<0.003	
3/30/2017	<0.003	
6/9/2017	<0.003	
10/2/2017	<0.003	
3/16/2018	<0.003	
9/17/2018	<0.003 (D)	
3/20/2019	<0.003	
9/12/2019	<0.003	
3/11/2020	<0.003	
9/15/2020	<0.003	
3/16/2021	<0.003	
8/9/2021	<0.003	
2/1/2022	<0.003	
8/16/2022	<0.003	
2/16/2023	<0.003	
7/27/2023	<0.003	
2/22/2024		<0.003
8/7/2024		<0.003
2/27/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.003 (D)	
7/27/2016	0.0004 (JD)	
2/21/2017	<0.003	
3/27/2017	<0.003 (D)	
6/8/2017	<0.003 (D)	
7/17/2017	<0.003 (D)	
7/27/2017	<0.003	
8/9/2017	<0.003	
9/29/2017	<0.003 (D)	
3/16/2018	<0.003	
9/14/2018	<0.003	
3/14/2019	<0.003	
3/9/2020	<0.003	
9/16/2020	<0.003	
3/16/2021	<0.003	
8/6/2021	<0.003	
2/2/2022	<0.003	
8/16/2022	<0.003	
2/14/2023	<0.003	
7/25/2023	<0.003	
2/19/2024		<0.003
8/1/2024		<0.003
2/26/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R	GWA-41R
3/15/2016	<0.003	
5/13/2016	<0.003	
7/21/2016	<0.003	
9/21/2016	<0.003	
11/3/2016	<0.003	
1/17/2017	<0.003	
3/27/2017	<0.003	
6/6/2017	<0.003	
9/25/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/14/2019	5.2E-05 (J)	
9/10/2019	<0.003	
3/9/2020	<0.003	
9/10/2020	<0.003	
3/10/2021	<0.003	
8/4/2021	<0.003	
1/31/2022	<0.003	
8/11/2022	<0.003	
2/13/2023	<0.003	
7/25/2023	<0.003	
2/19/2024		<0.003
8/1/2024		<0.003
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	<0.003	
5/16/2016	<0.003	
7/22/2016	0.0002 (J)	
9/19/2016	0.0001 (J)	
11/3/2016	0.0002 (J)	
1/17/2017	0.0001 (J)	
3/27/2017	0.0001 (J)	
6/7/2017	0.0001 (J)	
9/26/2017	0.0001 (J)	
3/14/2018	0.00014 (J)	
9/14/2018	0.00012 (J)	
3/14/2019	0.00017 (J)	
9/10/2019	0.00015 (J)	
3/6/2020	0.00017 (J)	
9/10/2020	0.00014 (J)	
3/11/2021	0.00015 (J)	
8/4/2021	0.00012 (J)	
1/31/2022	0.00014 (J)	
8/10/2022	0.00016 (J)	
2/13/2023	0.00015 (J)	
7/26/2023	0.00019 (J)	
2/20/2024		0.00014 (J)
8/1/2024		0.00014 (J)
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	<0.003	
5/13/2016	<0.003	
7/19/2016	<0.003	
9/16/2016	<0.003	
11/2/2016	<0.003	
1/18/2017	<0.003	
3/28/2017	<0.003	
6/6/2017	<0.003	
9/22/2017	<0.003	
3/14/2018	<0.003	
9/12/2018	<0.003	
3/13/2019	<0.003	
9/11/2019	<0.003	
3/9/2020	<0.003	
9/11/2020	6.9E-05 (J)	
3/11/2021	<0.003	
8/6/2021	<0.003	
1/31/2022	<0.003	
8/11/2022	7.6E-05 (J)	
2/14/2023	<0.003	
7/25/2023	<0.003	
2/20/2024		<0.003
8/2/2024		<0.003
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43R	GWA-43R
3/11/2016	<0.003	
5/13/2016	<0.003	
7/19/2016	<0.003	
9/16/2016	<0.003	
11/2/2016	<0.003	
1/18/2017	<0.003	
3/28/2017	<0.003	
6/6/2017	<0.003	
9/22/2017	<0.003	
3/15/2018	5.1E-05 (J)	
9/12/2018	<0.003	
3/13/2019	<0.003	
9/11/2019	<0.003	
3/9/2020	<0.003	
9/14/2020	<0.003	
3/11/2021	<0.003	
8/5/2021	<0.003	
1/31/2022	<0.003	
8/10/2022	<0.003	
2/13/2023	<0.003	
7/25/2023	<0.003	
2/20/2024		<0.003
8/2/2024		<0.003
2/25/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R	GWA-50R
10/1/2014	<0.003	
3/30/2015	0.0002 (J)	
10/11/2015	<0.003	
3/28/2016	<0.003	
5/25/2016	<0.003	
8/1/2016	<0.003	
9/26/2016	<0.003	
11/11/2016	<0.003	
1/30/2017	<0.003	
4/3/2017	<0.003	
6/12/2017	<0.003	
10/2/2017	<0.003	
3/16/2018	<0.003	
9/18/2018	<0.003	
3/19/2019	<0.003	
9/12/2019	<0.003	
3/11/2020	<0.003	
9/15/2020	8.5E-05 (J)	
3/17/2021	<0.003	
8/9/2021	<0.003	
2/2/2022	5.5E-05 (J)	
8/17/2022	<0.003	
2/16/2023	<0.003	
7/28/2023	<0.003	
2/22/2024		<0.003
8/8/2024		<0.003
2/28/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
9/17/2014	<0.003	
10/4/2014	<0.003	
10/21/2014	<0.003	
11/5/2014	9E-05 (J)	
3/3/2015	<0.003	
3/18/2015	<0.003	
4/7/2015	<0.003	
4/23/2015	7.8E-05 (J)	
7/29/2015	<0.003	
3/7/2016	<0.003	
5/5/2016	<0.003	
7/13/2016	<0.003	
9/13/2016	<0.003	
10/31/2016	<0.003	
1/12/2017	<0.003	
3/23/2017	<0.003	
5/23/2017	<0.003	
9/25/2017	<0.003	
3/14/2018	<0.003	
9/11/2018	<0.003	
3/12/2019	<0.003	
9/9/2019	<0.003	
3/6/2020	<0.003	
9/9/2020	<0.003	
2/26/2021	<0.003	
7/29/2021	<0.003	
1/28/2022	<0.003	
8/10/2022	<0.003	
2/9/2023	<0.003	
8/3/2023	<0.003	
2/14/2024		<0.003
7/31/2024		<0.003
2/20/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18R	GWC-18R
9/17/2014	7.8E-05 (J)	
10/4/2014	<0.003	
10/21/2014	<0.003	
11/11/2014	<0.003	
3/3/2015	<0.003	
3/18/2015	<0.003	
4/7/2015	<0.003	
4/23/2015	<0.003	
7/29/2015	<0.003	
3/7/2016	<0.003	
5/5/2016	<0.003	
7/13/2016	<0.003	
9/12/2016	<0.003	
11/1/2016	<0.003	
1/11/2017	<0.003	
3/20/2017	<0.003	
5/22/2017	<0.003	
9/21/2017	<0.003	
3/14/2018	0.00011 (J)	
9/7/2018	<0.003	
3/12/2019	<0.003	
9/6/2019	<0.003	
3/5/2020	0.00013 (J)	
9/9/2020	0.0002 (J)	
2/26/2021	0.0002 (J)	
7/29/2021	0.00015 (J)	
1/27/2022	5.5E-05 (J)	
8/10/2022	5.6E-05 (J)	
2/9/2023	0.00015 (J)	
8/4/2023	<0.003	
2/14/2024		0.0001 (J)
7/31/2024		<0.003
2/19/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-19R	GWC-19R
9/17/2014	<0.003	
10/4/2014	<0.003	
10/21/2014	<0.003	
11/5/2014	<0.003	
3/3/2015	<0.003	
3/19/2015	<0.003	
4/7/2015	<0.003	
4/24/2015	<0.003	
7/29/2015	<0.003	
3/7/2016	<0.003	
5/9/2016	<0.003	
7/14/2016	<0.003	
9/12/2016	<0.003	
10/31/2016	<0.003	
1/11/2017	<0.003	
3/21/2017	<0.003	
5/22/2017	<0.003	
9/20/2017	0.0001 (J)	
3/14/2018	6.5E-05 (J)	
9/10/2018	<0.003	
3/12/2019	<0.003	
9/9/2019	<0.003	
3/4/2020	0.00013 (J)	
9/9/2020	<0.003	
2/26/2021	<0.003	
8/5/2021	9.9E-05 (J)	
1/27/2022	<0.003	
8/9/2022	<0.003	
2/9/2023	<0.003	
8/4/2023	<0.003	
2/14/2024		<0.003
7/31/2024		<0.003
2/20/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-20R
9/18/2014	<0.003	
10/5/2014	<0.003	
10/22/2014	<0.003	
11/5/2014	<0.003	
3/4/2015	<0.003	
3/19/2015	<0.003	
4/7/2015	<0.003	
4/24/2015	8.3E-05 (J)	
7/30/2015	<0.003	
3/8/2016	<0.003	
5/9/2016	<0.003	
7/14/2016	<0.003	
9/12/2016	<0.003	
10/31/2016	<0.003	
1/12/2017	<0.003	
3/22/2017	<0.003	
5/22/2017	<0.003	
9/19/2017	<0.003	
3/14/2018	<0.003	
9/10/2018	<0.003	
3/12/2019	<0.003	
9/6/2019	<0.003	
3/5/2020	<0.003	
9/4/2020	<0.003	
3/9/2021	<0.003	
8/2/2021	<0.003	
1/27/2022	<0.003	
8/9/2022	<0.003	
2/10/2023	<0.003	
8/3/2023	<0.003	
2/15/2024		<0.003
8/1/2024		<0.003
2/20/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
9/15/2014	0.0032	
10/3/2014	<0.003	
10/20/2014	0.0014	
11/10/2014	<0.003	
3/2/2015	<0.003	
3/17/2015	8.3E-05 (J)	
4/5/2015	0.00038 (J)	
4/21/2015	0.0011 (J)	
7/28/2015	0.00092 (J)	
3/1/2016	<0.003	
5/2/2016	<0.003	
7/6/2016	0.0002 (J)	
9/7/2016	<0.003	
10/25/2016	<0.003	
1/5/2017	0.0001 (J)	
3/14/2017	0.0001 (J)	
5/16/2017	<0.003	
9/15/2017	<0.003	
3/12/2018	5.6E-05 (J)	
9/6/2018	<0.003	
3/7/2019	6.8E-05 (J)	
9/4/2019	<0.003	
3/2/2020	0.00015 (J)	
9/14/2020	0.00012 (J)	
3/26/2021	0.00019 (J)	
7/27/2021	8.1E-05 (J)	
1/26/2022	<0.003	
8/8/2022	<0.003	
2/8/2023	<0.003	
8/3/2023	<0.003	
2/13/2024		<0.003
7/30/2024		<0.003
2/19/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-37	GWC-37
9/16/2014	<0.003	
10/3/2014	<0.003	
10/20/2014	<0.003	
11/10/2014	<0.003	
3/2/2015	<0.003	
3/17/2015	<0.003	
4/5/2015	<0.003	
4/22/2015	8.3E-05 (J)	
7/28/2015	<0.003	
3/1/2016	<0.003	
5/3/2016	<0.003	
7/8/2016	<0.003	
9/7/2016	<0.003	
10/25/2016	<0.003	
1/6/2017	<0.003	
3/14/2017	<0.003	
5/16/2017	<0.003	
9/15/2017	<0.003	
3/12/2018	<0.003	
9/6/2018	<0.003	
3/6/2019	<0.003	
9/4/2019	<0.003	
3/2/2020	<0.003	
9/3/2020	<0.003	
2/24/2021	<0.003	
7/28/2021	<0.003	
1/26/2022	<0.003	
8/8/2022	<0.003	
2/8/2023	<0.003	
8/2/2023	<0.003	
2/13/2024		<0.003
7/30/2024		<0.003
2/19/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-38	GWC-38
9/16/2014	<0.003	
10/3/2014	8.3E-05 (J)	
10/20/2014	7.8E-05 (J)	
11/10/2014	8E-05 (J)	
3/2/2015	0.00034 (J)	
3/17/2015	0.00014 (J)	
4/6/2015	<0.003	
4/22/2015	7.8E-05 (J)	
7/28/2015	<0.003	
3/2/2016	<0.003	
5/3/2016	<0.003	
7/7/2016	<0.003	
9/8/2016	<0.003	
10/25/2016	<0.003	
2/9/2017	<0.003	
3/23/2017	<0.003	
5/17/2017	<0.003	
9/19/2017	<0.003	
3/13/2018	<0.003	
9/6/2018	<0.003	
3/7/2019	<0.003	
9/4/2019	<0.003	
3/2/2020	<0.003	
9/3/2020	<0.003	
2/24/2021	<0.003	
7/28/2021	<0.003	
1/25/2022	<0.003	
8/5/2022	<0.003	
2/8/2023	<0.003	
8/2/2023	<0.003	
2/13/2024		<0.003
7/30/2024		<0.003
2/19/2025		<0.003

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1	GWA-1
8/23/2007	<0.0005	
10/23/2007	<0.0005	
11/18/2007	<0.0005	
1/30/2008	<0.0005	
3/10/2008	<0.0005	
5/13/2008	<0.0005	
12/5/2008	<0.0005	
4/15/2009	<0.0005	
10/7/2009	<0.0005	
5/3/2010	<0.0005	
10/12/2010	<0.0005	
4/27/2011	<0.0005	
10/17/2011	<0.0005	
5/2/2012	<0.0005	
10/8/2012	<0.0005	
4/12/2013	<0.0005	
10/16/2013	<0.0005	
4/11/2014	<0.0005	
9/30/2014	<0.0005	
3/30/2015	<0.0005	
10/13/2015	0.0003 (J)	
3/22/2016	<0.0005	
5/19/2016	<0.0005	
7/29/2016	<0.0005	
9/23/2016	<0.0005	
11/9/2016	<0.0005	
1/30/2017	<0.0005	
3/30/2017	<0.0005	
6/9/2017	<0.0005	
10/2/2017	<0.0005	
3/16/2018	<0.0005	
9/17/2018	0.00076 (JD)	
3/20/2019	<0.0005	
9/12/2019	<0.0005	
3/11/2020	<0.0005	
9/15/2020	<0.0005	
3/16/2021	<0.0005	
8/9/2021	<0.0005	
2/1/2022	<0.0005	
8/16/2022	<0.0005	
2/16/2023	<0.0005	
7/27/2023	<0.0005	
2/22/2024		<0.0005
8/7/2024		<0.0005
2/27/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.0005 (D)	
7/27/2016	0.0001 (JD)	
2/21/2017	<0.0005	
3/27/2017	<0.0005 (D)	
6/8/2017	<0.0005 (D)	
7/17/2017	<0.0005 (D)	
7/27/2017	<0.0005	
8/9/2017	<0.0005	
9/29/2017	<0.0005 (D)	
3/16/2018	<0.0005	
9/14/2018	<0.0005	
3/14/2019	<0.0005	
3/9/2020	<0.0005	
9/16/2020	<0.0005	
3/16/2021	<0.0005	
8/6/2021	<0.0005	
2/2/2022	<0.0005	
8/16/2022	<0.0005	
2/14/2023	<0.0005	
7/25/2023	<0.0005	
2/19/2024		<0.0005
8/1/2024		<0.0005
2/26/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39Z	GWA-39Z
3/14/2016	0.000188 (J)	
5/11/2016	0.000177 (J)	
7/19/2016	0.0001 (J)	
9/15/2016	8E-05 (J)	
11/2/2016	<0.0005	
1/18/2017	<0.0005	
3/28/2017	<0.0005	
6/7/2017	<0.0005	
9/26/2017	<0.0005	
3/14/2018	<0.0005	
9/12/2018	<0.0005	
3/15/2019	<0.0005	
9/9/2019	<0.0005	
3/9/2020	<0.0005	
9/10/2020	<0.0005	
3/12/2021	<0.0005	
8/4/2021	<0.0005	
1/31/2022	<0.0005	
8/10/2022	<0.0005	
2/13/2023	<0.0005	
7/26/2023	<0.0005	
2/19/2024		<0.0005
8/1/2024		<0.0005
2/25/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	0.000121 (J)	
5/16/2016	0.000145 (J)	
7/22/2016	<0.0005	
9/19/2016	0.0001 (J)	
11/3/2016	8E-05 (J)	
1/17/2017	0.0001 (J)	
3/27/2017	0.0002 (J)	
6/7/2017	0.0001 (J)	
9/26/2017	<0.0005	
3/14/2018	0.00011 (J)	
9/14/2018	0.00013 (J)	
3/14/2019	0.00013 (J)	
9/10/2019	0.00014 (J)	
3/6/2020	0.00014 (J)	
9/10/2020	0.00015 (J)	
3/11/2021	0.00017 (J)	
8/4/2021	0.00014 (J)	
1/31/2022	0.00018 (J)	
8/10/2022	0.00034 (J)	
2/13/2023	<0.0005	
7/26/2023	0.00013 (J)	
2/20/2024		0.00016 (J)
8/1/2024		0.00016 (J)
2/25/2025		0.00016 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	<0.0005	
5/13/2016	<0.0005	
7/19/2016	<0.0005	
9/16/2016	<0.0005	
11/2/2016	<0.0005	
1/18/2017	<0.0005	
3/28/2017	<0.0005	
6/6/2017	8E-05 (J)	
9/22/2017	<0.0005	
3/14/2018	<0.0005	
9/12/2018	<0.0005	
3/13/2019	<0.0005	
9/11/2019	<0.0005	
3/9/2020	<0.0005	
9/11/2020	<0.0005	
3/11/2021	<0.0005	
8/6/2021	<0.0005	
1/31/2022	<0.0005	
8/11/2022	<0.0005	
2/14/2023	<0.0005	
7/25/2023	<0.0005	
2/20/2024		<0.0005
8/2/2024		<0.0005
2/25/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50	GWA-50
12/12/2008	<0.0005	
4/23/2009	<0.0005	
10/6/2009	<0.0005	
4/27/2010	<0.0005	
9/30/2010	<0.0005	
4/14/2011	<0.0005	
10/5/2011	<0.0005	
4/11/2012	<0.0005	
10/2/2012	<0.0005	
4/9/2013	<0.0005	
10/15/2013	<0.0005	
4/10/2014	<0.0005	
10/1/2014	<0.0005	
3/30/2015	<0.0005	
10/11/2015	0.00026 (J)	
3/28/2016	<0.0005	
5/23/2016	<0.0005	
8/1/2016	<0.0005	
9/26/2016	<0.0005	
11/10/2016	<0.0005	
1/30/2017	<0.0005	
4/7/2017	<0.0005	
6/12/2017	<0.0005	
10/2/2017	<0.0005	
3/16/2018	<0.0005	
9/17/2018	<0.0005	
3/19/2019	<0.0005	
9/13/2019	<0.0005	
3/11/2020	<0.0005	
9/16/2020	<0.0005	
3/17/2021	0.00012 (J)	
8/9/2021	<0.0005	
2/1/2022	<0.0005	
8/16/2022	<0.0005	
2/16/2023	<0.0005	
7/28/2023	<0.0005	
2/22/2024		<0.0005
8/8/2024		<0.0005
2/27/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
9/17/2014	<0.0005	
10/4/2014	<0.0005	
10/21/2014	<0.0005	
11/5/2014	<0.0005	
3/3/2015	<0.0005	
3/18/2015	<0.0005	
4/7/2015	<0.0005	
4/23/2015	<0.0005	
7/29/2015	<0.0005	
3/7/2016	<0.0005	
5/5/2016	<0.0005	
7/13/2016	<0.0005	
9/13/2016	<0.0005	
10/31/2016	8E-05 (J)	
1/12/2017	<0.0005	
3/23/2017	<0.0005	
5/23/2017	<0.0005	
9/25/2017	<0.0005	
3/14/2018	<0.0005	
9/11/2018	<0.0005	
3/12/2019	<0.0005	
9/9/2019	<0.0005	
3/6/2020	<0.0005	
9/9/2020	<0.0005	
2/26/2021	<0.0005	
7/29/2021	<0.0005	
1/28/2022	<0.0005	
8/10/2022	<0.0005	
2/9/2023	<0.0005	
8/3/2023	<0.0005	
2/14/2024		<0.0005
7/31/2024		<0.0005
2/20/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.0005	
10/5/2014	<0.0005	
10/22/2014	<0.0005	
11/5/2014	<0.0005	
3/4/2015	<0.0005	
3/19/2015	<0.0005	
4/8/2015	<0.0005	
4/24/2015	<0.0005	
7/30/2015	<0.0005	
3/8/2016	<0.0005	
5/9/2016	<0.0005	
7/15/2016	<0.0005	
9/9/2016	<0.0005	
10/27/2016	<0.0005	
1/12/2017	<0.0005	
3/21/2017	<0.0005	
5/23/2017	<0.0005	
9/19/2017	<0.0005	
3/14/2018	<0.0005	
9/10/2018	0.00021 (J)	
3/11/2019	<0.0005	
9/6/2019	<0.0005	
3/3/2020	<0.0005	
9/8/2020	<0.0005	
3/9/2021	<0.0005	
8/2/2021	<0.0005	
1/28/2022	<0.0005	
8/10/2022	<0.0005	
2/9/2023	<0.0005	
8/4/2023	<0.0005	
2/15/2024		<0.0005
8/2/2024		<0.0005
2/25/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.0005	
10/5/2014	<0.0005	
10/22/2014	<0.0005	
11/5/2014	<0.0005	
3/4/2015	<0.0005	
3/19/2015	<0.0005	
4/8/2015	<0.0005	
4/24/2015	<0.0005	
7/30/2015	<0.0005	
3/7/2016	<0.0005	
5/5/2016	<0.0005	
7/14/2016	<0.0005	
9/12/2016	<0.0005	
10/27/2016	<0.0005	
1/13/2017	8E-05 (J)	
3/20/2017	<0.0005	
5/23/2017	<0.0005	
9/19/2017	<0.0005	
3/13/2018	<0.0005	
9/7/2018	<0.0005	
3/11/2019	<0.0005	
9/5/2019	<0.0005	
3/3/2020	<0.0005	
9/8/2020	<0.0005	
3/9/2021	<0.0005	
8/2/2021	<0.0005	
1/27/2022	<0.0005	
8/10/2022	<0.0005	
2/9/2023	<0.0005	
8/3/2023	<0.0005	
2/15/2024		<0.0005
7/31/2024		<0.0005
2/20/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-25R	GWC-25R
9/16/2014	<0.0005	
10/4/2014	<0.0005	
10/23/2014	<0.0005	
11/10/2014	<0.0005	
3/4/2015	<0.0005	
3/20/2015	<0.0005	
4/9/2015	<0.0005	
4/23/2015	<0.0005	
7/30/2015	<0.0005	
3/8/2016	<0.0005	
5/4/2016	<0.0005	
7/18/2016	<0.0005	
9/13/2016	<0.0005	
10/27/2016	<0.0005	
1/13/2017	0.0001 (J)	
3/16/2017	<0.0005	
5/19/2017	<0.0005	
9/19/2017	<0.0005	
3/13/2018	<0.0005	
9/11/2018	<0.0005	
3/8/2019	<0.0005	
9/5/2019	<0.0005	
3/3/2020	<0.0005	
9/4/2020	<0.0005	
3/9/2021	<0.0005	
8/2/2021	<0.0005	
1/27/2022	<0.0005	
8/9/2022	<0.0005	
2/9/2023	<0.0005	
8/3/2023	<0.0005	
2/16/2024		<0.0005
7/31/2024		<0.0005
2/25/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
9/15/2014	0.001 (J)	
10/3/2014	<0.0005	
10/20/2014	0.00036 (J)	
11/10/2014	<0.0005	
3/2/2015	<0.0005	
3/17/2015	<0.0005	
4/5/2015	<0.0005	
4/21/2015	0.00044 (J)	
7/28/2015	0.00027 (J)	
3/1/2016	0.000207 (J)	
5/2/2016	0.000154 (J)	
7/6/2016	0.0002 (J)	
9/7/2016	0.0002 (J)	
10/25/2016	0.0002 (J)	
1/5/2017	<0.0005	
3/14/2017	<0.0005	
5/16/2017	0.0001 (J)	
9/15/2017	<0.0005	
3/12/2018	0.00013 (J)	
9/6/2018	0.00011 (J)	
3/7/2019	0.00017 (J)	
9/4/2019	0.00016 (J)	
3/2/2020	0.00018 (J)	
9/14/2020	0.00016 (J)	
3/26/2021	0.00015 (J)	
7/27/2021	0.00014 (J)	
1/26/2022	<0.0005	
8/8/2022	0.00016 (J)	
2/8/2023	<0.0005	
8/3/2023	<0.0005	
2/13/2024		<0.0005
7/30/2024		<0.0005
2/19/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-37	GWC-37
9/16/2014	<0.0005	
10/3/2014	<0.0005	
10/20/2014	<0.0005	
11/10/2014	0.00026 (J)	
3/2/2015	<0.0005	
3/17/2015	<0.0005	
4/5/2015	<0.0005	
4/22/2015	<0.0005	
7/28/2015	<0.0005	
3/1/2016	0.000103 (J)	
5/3/2016	<0.0005	
7/8/2016	<0.0005	
9/7/2016	<0.0005	
10/25/2016	<0.0005	
1/6/2017	<0.0005	
3/14/2017	<0.0005	
5/16/2017	<0.0005	
9/15/2017	<0.0005	
3/12/2018	<0.0005	
9/6/2018	<0.0005	
3/6/2019	9.3E-05 (J)	
9/4/2019	<0.0005	
3/2/2020	<0.0005	
9/3/2020	<0.0005	
2/24/2021	<0.0005	
7/28/2021	0.00025 (J)	
1/26/2022	<0.0005	
8/8/2022	0.00032 (J)	
2/8/2023	<0.0005	
8/2/2023	<0.0005	
2/13/2024		<0.0005
7/30/2024		<0.0005
2/19/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-38	GWC-38
9/16/2014	<0.0005	
10/3/2014	<0.0005	
10/20/2014	<0.0005	
11/10/2014	<0.0005	
3/2/2015	0.00035 (J)	
3/17/2015	<0.0005	
4/6/2015	<0.0005	
4/22/2015	<0.0005	
7/28/2015	<0.0005	
3/2/2016	0.000109 (J)	
5/3/2016	<0.0005	
7/7/2016	<0.0005	
9/8/2016	0.0001 (J)	
10/25/2016	<0.0005	
2/9/2017	0.0001 (J)	
3/23/2017	0.0001 (J)	
5/17/2017	0.0001 (J)	
9/19/2017	<0.0005	
3/13/2018	<0.0005	
9/6/2018	<0.0005	
3/7/2019	<0.0005	
9/4/2019	<0.0005	
3/2/2020	<0.0005	
9/3/2020	<0.0005	
2/24/2021	<0.0005	
7/28/2021	<0.0005	
1/25/2022	<0.0005	
8/5/2022	<0.0005	
2/8/2023	<0.0005	
8/2/2023	<0.0005	
2/13/2024		<0.0005
7/30/2024		<0.0005
2/19/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1	GWA-1
8/23/2007	<0.005	
10/23/2007	0.011	
11/18/2007	0.038 (O)	
1/30/2008	0.11 (O)	
3/10/2008	0.038 (O)	
5/13/2008	0.012	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	0.0065	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	0.0019	
10/16/2013	0.0024	
4/11/2014	0.0013 (J)	
9/30/2014	<0.005	
3/30/2015	0.0047	
10/13/2015	<0.005	
3/22/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	0.0011 (J)	
1/30/2017	<0.005	
3/30/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/17/2018	<0.005 (D)	
3/20/2019	<0.005	
9/12/2019	<0.005	
3/11/2020	0.0012 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2	GWA-2
8/23/2007	0.0045	
10/24/2007	0.039 (O)	
11/18/2007	0.059 (O)	
1/31/2008	0.0067	
3/11/2008	0.03 (O)	
5/6/2008	0.0062	
12/4/2008	0.009	
4/21/2009	0.0022	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	0.0013	
10/15/2013	0.0023	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	0.0011 (J)	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/20/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	0.0008 (J)	
10/2/2017	<0.005	
3/19/2018	0.0031 (J)	
9/14/2018	<0.005	
3/20/2019	<0.005	
9/12/2019	<0.005 (D)	
3/11/2020	0.0025 (J)	
9/15/2020	0.00086 (J)	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	0.0033	
11/18/2007	0.012	
1/31/2008	0.052 (O)	
3/10/2008	0.01	
5/13/2008	0.0068	
12/4/2008	0.0017	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	<0.005	
3/11/2020	0.0042 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/26/2024		<0.005
8/6/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.005 (D)	
7/27/2016	0.0017 (JD)	
2/21/2017	0.001 (J)	
3/27/2017	<0.005 (D)	
6/8/2017	<0.005 (D)	
7/17/2017	<0.005 (D)	
7/27/2017	0.0005 (J)	
8/9/2017	0.0005 (J)	
9/29/2017	0.0006 (JD)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	0.004 (J)	
3/9/2020	0.0016 (J)	
9/16/2020	0.00058 (J)	
3/16/2021	0.0008 (J)	
8/6/2021	<0.005	
2/2/2022	0.0012 (J)	
8/16/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39Z	GWA-39Z
3/14/2016	<0.005	
5/11/2016	<0.005	
7/19/2016	<0.005	
9/15/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
6/7/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/15/2019	<0.005	
9/9/2019	<0.005	
3/9/2020	0.069 (O)	
9/10/2020	<0.005	
3/12/2021	0.00064 (J)	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	<0.005	
11/2/2007	0.027 (O)	
11/18/2007	0.17 (O)	
1/31/2008	0.012	
3/11/2008	0.063 (O)	
5/14/2008	0.057 (O)	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/8/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/21/2011	<0.005	
10/13/2011	<0.005	
5/1/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	0.0013	
4/23/2014	<0.005	
10/4/2014	<0.005	
3/31/2015	<0.005	
10/12/2015	<0.005	
3/23/2016	<0.005	
5/23/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	0.0013 (J)	
11/10/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/4/2017	<0.005	
3/19/2018	<0.005	
9/17/2018	<0.005	
3/20/2019	<0.005	
9/13/2019	0.00073 (J)	
3/11/2020	0.00095 (J)	
3/29/2021	0.00062 (J)	
8/9/2021	<0.005	
2/2/2022	0.0069	
8/16/2022	<0.005	
2/17/2023	<0.005	
8/1/2023	<0.005	
2/22/2024		<0.005
8/8/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-40	GWA-40
3/15/2016	<0.005	
5/11/2016	<0.005	
7/21/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/24/2017	<0.005 (*)	
5/24/2017	0.0008 (J)	
9/26/2017	0.0005 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/9/2019	<0.005	
3/9/2020	0.0009 (J)	
9/11/2020	<0.005	
3/10/2021	0.00075 (J)	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/12/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41	GWA-41
3/15/2016	<0.005	
5/12/2016	<0.005	
7/20/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/18/2017	<0.005	
3/24/2017	<0.005 (*)	
6/6/2017	<0.005	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005 (D)	
3/6/2020	0.015	
9/10/2020	<0.005	
3/11/2021	0.0015 (J)	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	<0.005	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
6/6/2017	0.0004 (J)	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/9/2020	0.0004 (J)	
9/10/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	<0.005	
5/16/2016	<0.005	
7/22/2016	<0.005	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
6/7/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/6/2020	0.00045 (J)	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/20/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
6/6/2017	0.0004 (J)	
9/22/2017	0.0008 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	0.00051 (J)	
3/9/2020	0.0033 (J)	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	<0.005	
2/14/2023	0.0016 (J)	
7/25/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43R	GWA-43R
3/11/2016	0.00212 (J)	
5/13/2016	<0.005	
7/19/2016	0.0006 (J)	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	0.0014 (J)	
3/28/2017	<0.005 (*)	
6/6/2017	0.0009 (J)	
9/22/2017	0.0006 (J)	
3/15/2018	0.0017 (J)	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	0.00066 (J)	
3/9/2020	0.0014 (J)	
9/14/2020	0.0011 (J)	
3/11/2021	0.0011 (J)	
8/5/2021	<0.005	
1/31/2022	0.0011 (J)	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50	GWA-50
12/12/2008	<0.005	
4/23/2009	<0.005	
10/6/2009	<0.005	
4/27/2010	<0.005	
9/30/2010	0.0014	
4/14/2011	0.0014	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/2/2012	<0.005	
4/9/2013	<0.005	
10/15/2013	<0.005	
4/10/2014	0.0013 (J)	
10/1/2014	<0.005	
3/30/2015	<0.005	
10/11/2015	<0.005	
3/28/2016	<0.005	
5/23/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/10/2016	<0.005	
1/30/2017	<0.005	
4/7/2017	<0.005	
6/12/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/17/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	<0.005	
3/11/2020	0.0011 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/28/2023	<0.005	
2/22/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R	GWA-50R
12/12/2008	<0.005	
4/23/2009	0.0031	
10/6/2009	0.0024	
5/3/2010	<0.005	
10/11/2010	0.0028	
4/27/2011	0.0041	
10/19/2011	<0.005	
5/1/2012	<0.005	
10/2/2012	0.0019	
4/10/2013	0.0027	
10/16/2013	0.0029	
4/22/2014	0.0024	
10/1/2014	<0.005	
3/30/2015	0.0022	
10/11/2015	<0.005	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/11/2016	<0.005	
1/30/2017	<0.005	
4/3/2017	<0.005	
6/12/2017	0.0005 (J)	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/18/2018	<0.005	
3/19/2019	<0.005	
9/12/2019	<0.005	
3/11/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/16/2023	<0.005	
7/28/2023	<0.005	
2/22/2024		<0.005
8/8/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-16R	GWC-16R
9/16/2014	0.0033	
10/4/2014	0.0011 (J)	
10/21/2014	<0.005	
11/11/2014	<0.005	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/6/2015	<0.005	
4/23/2015	0.001 (J)	
7/29/2015	<0.005	
3/3/2016	<0.005	
5/10/2016	<0.005	
7/13/2016	0.0008 (J)	
9/15/2016	<0.005	
11/2/2016	<0.005	
1/11/2017	0.0012 (J)	
3/20/2017	0.0013 (J)	
5/23/2017	0.0007 (J)	
9/21/2017	<0.005	
3/14/2018	<0.005	
9/7/2018	<0.005	
3/11/2019	<0.005	
9/9/2019	<0.005	
3/4/2020	0.0014 (J)	
9/9/2020	0.00056 (J)	
3/9/2021	0.0024 (J)	
7/30/2021	0.0017 (J)	
1/28/2022	0.0011 (J)	
8/11/2022	<0.005	
2/10/2023	0.0011 (J)	
8/4/2023	<0.005	
2/15/2024		<0.005
7/31/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-17R	GWC-17R
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/11/2014	0.0014	
3/3/2015	0.001 (J)	
3/18/2015	<0.005	
4/6/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/4/2016	<0.005	
5/10/2016	<0.005	
7/14/2016	0.0035 (J)	
9/14/2016	<0.005	
11/1/2016	<0.005	
1/11/2017	<0.005	
3/21/2017	<0.005	
5/23/2017	0.0021 (J)	
9/22/2017	<0.005	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/10/2019	<0.005	
3/5/2020	0.00063 (J)	
9/9/2020	<0.005	
3/10/2021	<0.005	
7/30/2021	<0.005	
1/28/2022	<0.005	
8/11/2022	<0.005	
2/10/2023	<0.005	
8/3/2023	<0.005	
2/15/2024		<0.005
7/31/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
9/17/2014	<0.005	
10/4/2014	0.0034	
10/21/2014	<0.005	
11/5/2014	0.0042	
3/3/2015	0.0038	
3/18/2015	0.0031	
4/7/2015	0.0037	
4/23/2015	0.0033	
7/29/2015	0.0033	
3/7/2016	<0.01 (O)	
5/5/2016	0.00385 (J)	
7/13/2016	0.0029 (J)	
9/13/2016	0.0029 (J)	
10/31/2016	0.0017 (J)	
1/12/2017	0.0025 (J)	
3/23/2017	<0.01 (O)	
5/23/2017	0.0029 (J)	
9/25/2017	0.0018 (J)	
3/14/2018	0.0021 (J)	
9/11/2018	0.0017 (J)	
3/12/2019	<0.005	
9/9/2019	0.001 (J)	
3/6/2020	0.0019 (J)	
9/9/2020	0.001 (J)	
2/26/2021	0.0014 (J)	
7/29/2021	0.0014 (J)	
1/28/2022	0.0014 (J)	
8/10/2022	0.0014 (J)	
2/9/2023	0.0015 (J)	
8/3/2023	0.0012 (J)	
2/14/2024		<0.005
7/31/2024		<0.005
2/20/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18R	GWC-18R
9/17/2014	<0.005	
10/4/2014	0.025 (O)	
10/21/2014	0.024 (O)	
11/11/2014	0.025 (O)	
3/3/2015	0.029 (O)	
3/18/2015	<0.005	
4/7/2015	0.008	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
5/5/2016	<0.005	
7/13/2016	0.0006 (J)	
9/12/2016	<0.005	
11/1/2016	<0.005	
1/11/2017	<0.005	
3/20/2017	0.0005	
5/22/2017	0.0005	
9/21/2017	0.0008	
3/14/2018	<0.005	
9/7/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	0.00053 (J)	
3/5/2020	0.0007 (J)	
9/9/2020	<0.005	
2/26/2021	0.00069 (J)	
7/29/2021	<0.005	
1/27/2022	0.0015 (J)	
8/10/2022	<0.005	
2/9/2023	<0.005	
8/4/2023	<0.005	
2/14/2024		<0.005
7/31/2024		<0.005
2/19/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-19R	GWC-19R
9/17/2014	<0.005	
10/4/2014	0.001 (J)	
10/21/2014	0.0011 (J)	
11/5/2014	0.001 (J)	
3/3/2015	<0.005	
3/19/2015	<0.005	
4/7/2015	<0.005	
4/24/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
5/9/2016	<0.005	
7/14/2016	0.0005 (J)	
9/12/2016	<0.005	
10/31/2016	<0.005	
1/11/2017	<0.005	
3/21/2017	<0.005	
5/22/2017	0.0005 (J)	
9/20/2017	0.0008 (J)	
3/14/2018	<0.005	
9/10/2018	<0.005	
3/12/2019	<0.005	
9/9/2019	0.00056 (J)	
3/4/2020	0.001 (J)	
9/9/2020	<0.005	
2/26/2021	0.00067 (J)	
8/5/2021	<0.005	
1/27/2022	<0.005	
8/9/2022	<0.005	
2/9/2023	<0.005	
8/4/2023	<0.005	
2/14/2024		0.0028 (J)
7/31/2024		<0.005
2/20/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-20R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	0.001 (J)	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/7/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	0.001 (J)	
3/8/2016	<0.005	
5/9/2016	<0.005	
7/14/2016	0.0008 (J)	
9/12/2016	<0.005	
10/31/2016	<0.005	
1/12/2017	0.0011 (J)	
3/22/2017	<0.005	
5/22/2017	0.0007 (J)	
9/19/2017	0.0006 (J)	
3/14/2018	<0.005	
9/10/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	0.00071 (JD)	
3/5/2020	0.00075 (J)	
9/4/2020	0.00078 (J)	
3/9/2021	0.00094 (J)	
8/2/2021	<0.005	
1/27/2022	<0.005	
8/9/2022	<0.005	
2/10/2023	<0.005	
8/3/2023	<0.005	
2/15/2024		<0.005
8/1/2024		<0.005
2/20/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-21R
9/18/2014	0.001 (J)	
10/5/2014	0.0013	
10/22/2014	0.0016	
11/5/2014	0.0013	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	<0.005	
4/24/2015	0.001 (J)	
7/30/2015	<0.005	
3/8/2016	<0.005	
5/9/2016	<0.005	
7/15/2016	<0.005	
9/9/2016	<0.005	
10/27/2016	<0.005	
1/12/2017	<0.005	
3/21/2017	<0.005	
5/23/2017	0.0004 (J)	
9/19/2017	0.0006 (J)	
3/14/2018	<0.005	
9/10/2018	<0.005	
3/11/2019	<0.005	
9/6/2019	0.00078 (J)	
3/3/2020	0.00058 (J)	
9/8/2020	0.0013 (J)	
3/9/2021	<0.005	
8/2/2021	<0.005	
1/28/2022	<0.005	
8/10/2022	0.0023 (J)	
2/9/2023	0.0017 (J)	
8/4/2023	0.0067	
2/15/2024		0.0035 (J)
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	<0.005	
3/7/2016	<0.005	
5/5/2016	<0.005	
7/14/2016	<0.005	
9/12/2016	<0.005	
10/27/2016	<0.005	
1/13/2017	<0.005	
3/20/2017	0.0004 (J)	
5/23/2017	0.0005 (J)	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/11/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	0.00057 (J)	
9/8/2020	<0.005	
3/9/2021	<0.005	
8/2/2021	<0.005	
1/27/2022	<0.005	
8/10/2022	<0.005	
2/9/2023	<0.005	
8/3/2023	<0.005	
2/15/2024		<0.005
7/31/2024		<0.005
2/20/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-23R	GWC-23R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	0.0013	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/8/2015	0.0012 (J)	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/9/2016	<0.005	
5/6/2016	<0.005	
7/15/2016	0.0005 (J)	
9/14/2016	<0.005	
11/1/2016	<0.005	
1/25/2017	0.0023 (J)	
3/22/2017	<0.005	
5/24/2017	0.0011 (J)	
9/21/2017	0.0014 (J)	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	<0.005	
3/5/2020	0.00086 (J)	
9/9/2020	<0.005	
3/10/2021	0.00073 (J)	
7/30/2021	<0.005	
1/28/2022	<0.005	
8/11/2022	<0.005	
2/10/2023	<0.005	
8/3/2023	<0.005	
2/16/2024		<0.005
7/31/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-24R	GWC-24R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/8/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/4/2016	<0.005	
5/5/2016	<0.005	
7/12/2016	<0.005	
9/13/2016	<0.005	
10/27/2016	<0.005	
1/13/2017	<0.005	
3/20/2017	<0.005	
5/19/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	0.00052 (J)	
9/9/2020	<0.005	
3/9/2021	<0.005	
7/29/2021	<0.005	
1/28/2022	<0.005	
8/9/2022	<0.005	
2/9/2023	<0.005	
8/3/2023	<0.005	
2/15/2024		<0.005
7/31/2024		<0.005
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-25R	GWC-25R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/9/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	<0.005	
5/4/2016	<0.005	
7/18/2016	0.0005 (J)	
9/13/2016	<0.005	
10/27/2016	<0.005	
1/13/2017	<0.005	
3/16/2017	0.0008 (J)	
5/19/2017	0.0006 (J)	
9/19/2017	0.0007 (J)	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	0.00044 (J)	
3/3/2020	0.00078 (J)	
9/4/2020	0.00073 (J)	
3/9/2021	0.00079 (J)	
8/2/2021	<0.005	
1/27/2022	<0.005	
8/9/2022	<0.005	
2/9/2023	<0.005	
8/3/2023	<0.005	
2/16/2024		0.003 (J)
7/31/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
9/15/2014	0.0028	
10/3/2014	<0.005	
10/20/2014	0.0029	
11/10/2014	0.0017	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/21/2015	0.0018	
7/28/2015	0.0015	
3/1/2016	<0.005	
5/2/2016	<0.005	
7/6/2016	0.0005 (J)	
9/7/2016	<0.005	
10/25/2016	<0.005	
1/5/2017	<0.005	
3/14/2017	0.0008 (J)	
5/16/2017	<0.005	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	0.0013 (J)	
3/2/2020	0.00047 (J)	
9/14/2020	<0.005	
3/26/2021	0.0006 (J)	
7/27/2021	<0.005	
1/26/2022	<0.005	
8/8/2022	<0.005	
2/8/2023	<0.005	
8/3/2023	<0.005	
2/13/2024		<0.005
7/30/2024		<0.005
2/19/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-37	GWC-37
9/16/2014	0.0015	
10/3/2014	0.0015	
10/20/2014	0.0011 (J)	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/22/2015	<0.005	
7/28/2015	<0.005	
3/1/2016	<0.005	
5/3/2016	<0.005	
7/8/2016	<0.005	
9/7/2016	<0.005	
10/25/2016	<0.005	
1/6/2017	<0.005	
3/14/2017	0.0006 (J)	
5/16/2017	<0.005	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/6/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	<0.005	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/28/2021	0.018 (O)	
1/26/2022	<0.005	
8/8/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/13/2024		<0.005
7/30/2024		<0.005
2/19/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-38	GWC-38
9/16/2014	0.0026	
10/3/2014	0.0021	
10/20/2014	0.0023	
11/10/2014	0.0022	
3/2/2015	0.0021	
3/17/2015	0.0022	
4/6/2015	0.0016	
4/22/2015	0.0013	
7/28/2015	0.0014	
3/2/2016	<0.005	
5/3/2016	<0.005	
7/7/2016	0.002 (J)	
9/8/2016	0.001 (J)	
10/25/2016	0.0028 (J)	
2/9/2017	0.0012 (J)	
3/23/2017	<0.005	
5/17/2017	0.0019 (J)	
9/19/2017	0.0022 (J)	
3/13/2018	0.0017 (J)	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	0.00155 (JD)	
3/2/2020	0.0014 (J)	
9/3/2020	0.0013 (J)	
2/24/2021	0.0018 (J)	
7/28/2021	0.0015 (J)	
1/25/2022	0.0014 (J)	
8/5/2022	<0.005	
2/8/2023	0.0012 (J)	
8/2/2023	<0.005	
2/13/2024		<0.005
7/30/2024		<0.005
2/19/2025		0.0034 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1	GWA-1
8/23/2007	<0.005	
10/23/2007	<0.005	
11/18/2007	<0.005	
1/30/2008	0.0045	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	0.0041	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	<0.005	
10/16/2013	<0.005	
4/11/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	0.0012 (J)	
10/13/2015	<0.005	
3/22/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	0.0004 (J)	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/30/2017	<0.005	
3/30/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/17/2018	<0.005 (D)	
3/20/2019	0.00078 (J)	
9/12/2019	0.00047 (J)	
3/11/2020	0.00037 (J)	
9/15/2020	0.00048 (J)	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2	GWA-2
8/23/2007	<0.005	
10/24/2007	0.013	
11/18/2007	0.0041	
1/31/2008	<0.005	
3/11/2008	<0.005	
5/6/2008	<0.005	
12/4/2008	0.012	
4/21/2009	<0.005	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	<0.005	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	<0.005	
10/15/2013	<0.005	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/20/2016	<0.005	
7/29/2016	<0.005	
9/23/2016	<0.005	
11/9/2016	<0.005	
1/31/2017	<0.005	
3/30/2017	<0.005	
6/12/2017	<0.005	
10/2/2017	<0.005	
3/19/2018	<0.005	
9/14/2018	<0.005	
3/20/2019	<0.005	
9/12/2019	<0.005 (D)	
3/11/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	<0.005	
11/18/2007	<0.005	
1/31/2008	0.0083 (O)	
3/10/2008	<0.005	
5/13/2008	<0.005	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
5/19/2016	<0.005	
7/29/2016	<0.005	
9/22/2016	<0.005	
11/10/2016	<0.005	
1/31/2017	<0.005	
4/3/2017	<0.005	
6/9/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	<0.005	
3/11/2020	<0.005	
9/15/2020	0.001 (J)	
3/16/2021	<0.005	
8/9/2021	0.0016 (J)	
2/1/2022	0.00093 (J)	
8/16/2022	0.0004 (J)	
2/16/2023	0.00065 (J)	
7/27/2023	<0.005	
2/26/2024		<0.005
8/6/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	0.00313 (JD)	
7/27/2016	0.0057 (JD)	
2/21/2017	<0.005	
3/27/2017	<0.005 (D)	
6/8/2017	<0.005 (D)	
7/17/2017	<0.005 (D)	
7/27/2017	<0.005	
8/9/2017	<0.005	
9/29/2017	<0.005 (D)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
3/9/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/6/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39Z	GWA-39Z
3/14/2016	0.00503 (J)	
5/11/2016	0.0114	
7/19/2016	0.0013 (J)	
9/15/2016	0.002 (J)	
11/2/2016	0.0005 (J)	
1/18/2017	0.0015 (J)	
3/28/2017	0.0025 (J)	
6/7/2017	0.0023 (J)	
9/26/2017	0.0011 (J)	
3/14/2018	0.00058 (J)	
9/12/2018	<0.005	
3/15/2019	<0.005	
9/9/2019	<0.005	
3/9/2020	0.00075 (J)	
9/10/2020	<0.005	
3/12/2021	0.00079 (J)	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	0.0033	
11/2/2007	0.0046	
11/18/2007	0.0057	
1/31/2008	0.0055	
3/11/2008	0.0033	
5/14/2008	0.0044	
12/5/2008	0.0035	
4/15/2009	<0.005	
10/8/2009	<0.005	
4/28/2010	<0.005	
10/6/2010	<0.005	
4/21/2011	<0.005	
10/13/2011	<0.005	
5/1/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/23/2014	0.0013 (J)	
10/4/2014	0.00081 (J)	
3/31/2015	0.0021	
10/12/2015	0.00078 (J)	
3/23/2016	<0.005	
5/23/2016	<0.005	
7/29/2016	0.0007 (J)	
9/22/2016	0.0007 (J)	
11/10/2016	0.0007 (J)	
1/31/2017	0.0007 (J)	
3/30/2017	0.0007 (J)	
6/12/2017	0.0007 (J)	
10/4/2017	0.0006 (J)	
3/19/2018	0.00059 (J)	
9/17/2018	0.00057 (J)	
3/20/2019	<0.005	
9/13/2019	0.00046 (J)	
3/11/2020	0.00041 (J)	
3/29/2021	<0.005	
8/9/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/17/2023	<0.005	
8/1/2023	<0.005	
2/22/2024		<0.005
8/8/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	0.0006 (J)	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	0.0005 (J)	
6/6/2017	<0.005	
9/25/2017	0.0006 (J)	
3/14/2018	<0.005	
9/12/2018	0.0011 (J)	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/9/2020	<0.005	
9/10/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	0.00053 (J)	
2/19/2024		<0.005
8/1/2024		0.0011 (J)
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	<0.005	
5/16/2016	<0.005	
7/22/2016	0.0004 (J)	
9/19/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
6/7/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/6/2020	0.00039 (J)	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	0.00039 (J)	
7/26/2023	<0.005	
2/20/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005	
6/6/2017	<0.005	
9/22/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	<0.005	
3/9/2020	0.00039 (J)	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ	GWA-4RZ
2/22/2017	<0.01	
4/7/2017	0.0018 (J)	
6/14/2017	0.0045 (JD)	
7/12/2017	0.0046 (JD)	
7/20/2017	0.0109 (D)	
7/28/2017	0.0104	
8/9/2017	0.0022 (J)	
8/24/2017	0.0076 (J)	
10/3/2017	0.0028 (JD)	
3/21/2018	0.014	
9/18/2018	0.017	
3/21/2019	0.022 (D)	
9/12/2019	0.02 (D)	
3/12/2020	0.013	
9/17/2020	0.019	
3/16/2021	0.015	
8/10/2021	0.011	
2/3/2022	0.0059	
8/17/2022	0.015	
2/17/2023	0.017	
7/28/2023	0.02	
2/27/2024		0.017
8/8/2024		0.0056
2/28/2025		0.019

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R	GWA-50R
12/12/2008	<0.005	
4/23/2009	0.0029	
10/6/2009	<0.005	
5/3/2010	<0.005	
10/11/2010	<0.005	
4/27/2011	0.0028	
10/19/2011	<0.005	
5/1/2012	<0.005	
10/2/2012	<0.005	
4/10/2013	0.0014	
10/16/2013	0.0014	
4/22/2014	0.0013	
10/1/2014	<0.005	
3/30/2015	0.00079 (J)	
10/11/2015	<0.005	
3/28/2016	<0.005	
5/25/2016	<0.005	
8/1/2016	<0.005	
9/26/2016	<0.005	
11/11/2016	<0.005	
1/30/2017	<0.005	
4/3/2017	<0.005	
6/12/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/18/2018	<0.005	
3/19/2019	<0.005	
9/12/2019	<0.005	
3/11/2020	<0.005	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/2/2022	<0.005	
8/17/2022	<0.005	
2/16/2023	<0.005	
7/28/2023	<0.005	
2/22/2024		<0.005
8/8/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-16R	GWC-16R
9/16/2014	0.0026	
10/4/2014	0.0015	
10/21/2014	0.00099 (J)	
11/11/2014	0.00097 (J)	
3/3/2015	0.00078 (J)	
3/18/2015	0.00081 (J)	
4/6/2015	0.0011 (J)	
4/23/2015	0.0007 (J)	
7/29/2015	<0.005	
3/3/2016	0.00451 (JD)	
5/10/2016	0.00478 (J)	
7/13/2016	0.0003 (J)	
9/15/2016	0.0018 (J)	
11/2/2016	0.0022 (J)	
1/11/2017	<0.005	
3/20/2017	<0.005	
5/23/2017	0.001 (J)	
9/21/2017	0.0006 (J)	
3/14/2018	0.00058 (J)	
9/7/2018	0.0034 (J)	
3/11/2019	<0.005	
9/9/2019	<0.005	
3/4/2020	<0.005	
9/9/2020	0.00069 (J)	
3/9/2021	0.00047 (J)	
7/30/2021	0.00052 (J)	
1/28/2022	<0.005	
8/11/2022	<0.005	
2/10/2023	<0.005	
8/4/2023	<0.005	
2/15/2024		<0.005
7/31/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/5/2014	0.0005 (J)	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/7/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	0.00076 (J)	
3/7/2016	<0.005	
5/5/2016	<0.005	
7/13/2016	<0.005	
9/13/2016	<0.005	
10/31/2016	<0.005	
1/12/2017	<0.005	
3/23/2017	<0.005	
5/23/2017	<0.005	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/9/2019	<0.005	
3/6/2020	<0.005	
9/9/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/28/2022	<0.005	
8/10/2022	<0.005	
2/9/2023	<0.005	
8/3/2023	<0.005	
2/14/2024		<0.005
7/31/2024		<0.005
2/20/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18R	GWC-18R
9/17/2014	<0.005	
10/4/2014	0.00063 (J)	
10/21/2014	0.00058 (J)	
11/11/2014	0.00058 (J)	
3/3/2015	0.00056 (J)	
3/18/2015	<0.005	
4/7/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
5/5/2016	<0.005	
7/13/2016	<0.005	
9/12/2016	<0.005	
11/1/2016	<0.005	
1/11/2017	<0.005	
3/20/2017	<0.005	
5/22/2017	<0.005	
9/21/2017	<0.005	
3/14/2018	<0.005	
9/7/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	<0.005	
3/5/2020	<0.005	
9/9/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/27/2022	<0.005	
8/10/2022	<0.005	
2/9/2023	<0.005	
8/4/2023	<0.005	
2/14/2024		<0.005
7/31/2024		<0.005
2/19/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	0.0183 (J)	
5/9/2016	0.00239 (J)	
7/15/2016	0.0008 (J)	
9/9/2016	<0.005	
10/27/2016	<0.005	
1/12/2017	<0.005	
3/21/2017	0.0005 (J)	
5/23/2017	<0.005	
9/19/2017	<0.005	
3/14/2018	0.00083 (J)	
9/10/2018	0.00071 (J)	
3/11/2019	0.00056 (J)	
9/6/2019	0.00051 (J)	
3/3/2020	<0.005	
9/8/2020	<0.005	
3/9/2021	0.0004 (J)	
8/2/2021	0.00048 (J)	
1/28/2022	<0.005	
8/10/2022	<0.005	
2/9/2023	<0.005	
8/4/2023	<0.005	
2/15/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	<0.005	
3/7/2016	<0.005	
5/5/2016	<0.005	
7/14/2016	<0.005	
9/12/2016	<0.005	
10/27/2016	<0.005	
1/13/2017	<0.005	
3/20/2017	<0.005	
5/23/2017	<0.005	
9/19/2017	0.0012 (J)	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/11/2019	<0.005	
9/5/2019	0.0012 (J)	
3/3/2020	0.00078 (J)	
9/8/2020	0.00087 (J)	
3/9/2021	0.00066 (J)	
8/2/2021	0.00045 (J)	
1/27/2022	0.0011 (J)	
8/10/2022	0.00078 (J)	
2/9/2023	0.00043 (J)	
8/3/2023	0.00047 (J)	
2/15/2024		0.0004 (J)
7/31/2024		0.00034 (J)
2/20/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-23R	GWC-23R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/8/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/9/2016	<0.005	
5/6/2016	<0.005	
7/15/2016	<0.005	
9/14/2016	<0.005	
11/1/2016	<0.005	
1/25/2017	<0.005	
3/22/2017	<0.005	
5/24/2017	<0.005	
9/21/2017	<0.005	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	<0.005	
3/5/2020	<0.005	
9/9/2020	<0.005	
3/10/2021	<0.005	
7/30/2021	<0.005	
1/28/2022	<0.005	
8/11/2022	<0.005	
2/10/2023	<0.005	
8/3/2023	0.00047 (J)	
2/16/2024		0.00034 (J)
7/31/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-25R	GWC-25R
9/16/2014	0.0006 (J)	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/9/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	<0.005	
5/4/2016	<0.005	
7/18/2016	<0.005	
9/13/2016	<0.005	
10/27/2016	<0.005	
1/13/2017	<0.005	
3/16/2017	<0.005	
5/19/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	<0.005	
9/4/2020	0.0012 (J)	
3/9/2021	<0.005	
8/2/2021	<0.005	
1/27/2022	<0.005	
8/9/2022	<0.005	
2/9/2023	<0.005	
8/3/2023	<0.005	
2/16/2024		<0.005
7/31/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
9/15/2014	0.0039	
10/3/2014	<0.005	
10/20/2014	0.0014	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/21/2015	0.0012 (J)	
7/28/2015	0.0012 (J)	
3/1/2016	<0.005	
5/2/2016	<0.005	
7/6/2016	<0.005	
9/7/2016	<0.005	
10/25/2016	<0.005	
1/5/2017	<0.005	
3/14/2017	<0.005	
5/16/2017	<0.005	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	<0.005	
9/14/2020	<0.005	
3/26/2021	<0.005	
7/27/2021	0.00096 (J)	
1/26/2022	<0.005	
8/8/2022	<0.005	
2/8/2023	<0.005	
8/3/2023	<0.005	
2/13/2024		<0.005
7/30/2024		<0.005
2/19/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-37	GWC-37
9/16/2014	0.00077 (J)	
10/3/2014	0.0013	
10/20/2014	0.001 (J)	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/22/2015	<0.005	
7/28/2015	<0.005	
3/1/2016	0.00202 (J)	
5/3/2016	<0.005	
7/8/2016	0.0004 (J)	
9/7/2016	0.0009 (J)	
10/25/2016	0.0022 (J)	
1/6/2017	0.0011 (J)	
3/14/2017	0.0009 (J)	
5/16/2017	<0.005	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/6/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	<0.005	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/28/2021	<0.005	
1/26/2022	<0.005	
8/8/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/13/2024		<0.005
7/30/2024		<0.005
2/19/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-38	GWC-38
9/16/2014	0.0028	
10/3/2014	0.0029	
10/20/2014	0.0022	
11/10/2014	0.0022	
3/17/2015	0.0044 (O)	
4/6/2015	0.002	
4/22/2015	0.0016	
7/28/2015	0.0017	
3/2/2016	<0.01 (O)	
5/3/2016	<0.01 (O)	
7/7/2016	0.0015 (J)	
9/8/2016	0.0018 (J)	
10/25/2016	0.0019 (J)	
2/9/2017	0.0017 (J)	
3/23/2017	0.0018 (J)	
5/17/2017	0.0016 (J)	
9/19/2017	0.0012 (J)	
3/13/2018	0.0013 (J)	
9/6/2018	0.00094 (J)	
3/7/2019	0.00087 (J)	
9/4/2019	0.000935 (JD)	
3/2/2020	0.0011 (J)	
9/3/2020	0.00091 (J)	
2/24/2021	0.0011 (J)	
7/28/2021	0.001 (J)	
1/25/2022	0.0011 (J)	
8/5/2022	0.00095 (J)	
2/8/2023	0.001 (J)	
8/2/2023	0.001 (J)	
2/13/2024		0.001 (J)
7/30/2024		0.00083 (J)
2/19/2025		0.0032 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1	GWA-1
8/23/2007	0.0066	
10/23/2007	0.0076	
11/18/2007	0.0055 (J)	
1/30/2008	0.0094	
3/10/2008	0.0056	
5/13/2008	0.0027	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	0.0076	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	<0.005	
10/16/2013	<0.005	
4/11/2014	0.005 (J)	
9/30/2014	<0.005	
3/30/2015	0.0033 (J)	
10/13/2015	0.0013 (J)	
3/22/2016	<0.005	
7/29/2016	<0.005	
3/30/2017	0.0004 (J)	
10/2/2017	0.0003 (J)	
3/16/2018	<0.005	
9/17/2018	<0.005 (D)	
3/20/2019	<0.005	
9/12/2019	<0.005	
3/11/2020	<0.005	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	0.0012 (J)	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2	GWA-2
8/23/2007	<0.005	
10/24/2007	0.0088	
11/18/2007	0.0075	
1/31/2008	<0.005	
3/11/2008	0.0068	
5/6/2008	<0.005	
12/4/2008	0.013	
4/21/2009	<0.005	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	0.0027	
4/13/2011	0.0029	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	<0.005	
10/15/2013	<0.005	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
7/29/2016	0.0032 (J)	
3/30/2017	<0.005	
10/2/2017	<0.005	
3/19/2018	0.0025 (J)	
9/14/2018	<0.005	
3/20/2019	<0.005	
9/12/2019	0.01273 (JD)	
3/11/2020	0.0002 (J)	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		0.00082 (J)
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2R	GWA-2R
8/23/2007	0.0036	
10/24/2007	<0.005	
11/18/2007	0.013	
1/31/2008	0.0069	
3/10/2008	0.0044	
5/13/2008	0.0033	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	0.005 (J)	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
7/29/2016	0.0006 (J)	
4/3/2017	0.0004 (J)	
10/2/2017	0.0003 (J)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	0.00055 (J)	
3/11/2020	0.0011 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	0.0013 (J)	
2/1/2022	0.00096 (J)	
8/16/2022	<0.005	
2/16/2023	0.0011 (J)	
7/27/2023	0.0017 (J)	
2/26/2024		<0.005
8/6/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.005	
7/27/2016	0.0271 (O)	
2/21/2017	<0.005	
3/27/2017	<0.005	
9/29/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	0.002 (J)	
3/14/2019	<0.005	
3/9/2020	0.011 (J)	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/6/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39Z	GWA-39Z
3/14/2016	<0.005	
5/11/2016	<0.005	
7/19/2016	0.0005 (J)	
9/15/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
9/26/2017	0.0005 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/15/2019	<0.005	
9/9/2019	<0.005	
3/9/2020	0.0007 (J)	
9/10/2020	<0.005	
3/12/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	0.017	
11/2/2007	0.016	
11/18/2007	0.048	
1/31/2008	0.039	
3/11/2008	0.037	
5/14/2008	0.051	
12/5/2008	0.038	
4/15/2009	0.033	
10/8/2009	0.037	
4/28/2010	0.037	
10/6/2010	0.041	
4/21/2011	0.034	
10/13/2011	0.048	
5/1/2012	0.0427	
10/9/2012	0.038	
4/11/2013	0.038	
10/16/2013	0.036	
4/23/2014	0.03	
10/4/2014	0.029	
3/31/2015	0.026	
10/12/2015	0.05	
3/23/2016	0.0297	
7/29/2016	0.0419	
3/30/2017	0.0392	
10/4/2017	0.0343	
3/19/2018	0.033	
9/17/2018	0.033	
3/20/2019	0.026	
9/13/2019	0.026	
3/11/2020	0.027	
3/29/2021	<0.005	
8/9/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/17/2023	<0.005	
8/1/2023	<0.005	
2/22/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-40	GWA-40
3/15/2016	<0.005	
5/11/2016	<0.005	
7/21/2016	<0.005	
9/15/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/24/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/9/2019	0.0022 (J)	
3/9/2020	<0.005	
9/11/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/12/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41	GWA-41
3/15/2016	<0.005	
5/12/2016	<0.005	
7/20/2016	<0.005	
9/15/2016	0.0007 (J)	
11/3/2016	<0.005	
1/18/2017	<0.005	
3/24/2017	<0.005	
9/25/2017	0.0003 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	0.00038 (JD)	
3/6/2020	0.00093 (J)	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	0.0005 (J)	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
9/25/2017	0.0007 (J)	
3/14/2018	0.0021 (J)	
9/12/2018	<0.005	
3/14/2019	0.0022 (J)	
9/10/2019	0.0022 (J)	
3/9/2020	0.0014 (J)	
9/10/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	0.0008 (J)	
1/31/2022	0.0028 (J)	
8/11/2022	<0.005	
2/13/2023	0.0012 (J)	
7/25/2023	<0.005	
2/19/2024		0.0011 (J)
8/1/2024		0.00053 (J)
2/25/2025		0.0035 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	<0.005	
5/16/2016	<0.005	
7/22/2016	<0.005	
9/19/2016	0.003 (J)	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005	
9/26/2017	<0.005	
3/14/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	<0.005	
3/6/2020	0.00019 (J)	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/26/2023	<0.005	
2/20/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
9/22/2017	0.0004 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	0.00036 (J)	
3/9/2020	0.00035 (J)	
9/11/2020	<0.005	
3/11/2021	<0.005	
8/6/2021	<0.005	
1/31/2022	0.0014 (J)	
8/11/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/20/2024		0.00068 (J)
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43R	GWA-43R
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	<0.005	
3/28/2017	<0.005 (*)	
9/22/2017	0.0006 (J)	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	0.0015 (J)	
9/11/2019	0.00026 (J)	
3/9/2020	0.00035 (J)	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ	GWA-4RZ
4/7/2017	0.0004 (J)	
10/3/2017	<0.005 (D)	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/21/2019	<0.005 (D)	
9/12/2019	0.00045 (JD)	
3/12/2020	0.0002 (J)	
9/17/2020	<0.005	
3/16/2021	<0.005	
8/10/2021	<0.005	
2/3/2022	<0.005	
8/17/2022	<0.005	
2/17/2023	<0.005	
7/28/2023	<0.005	
2/27/2024		<0.005
8/8/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50	GWA-50
12/12/2008	0.018	
4/23/2009	0.013	
10/6/2009	0.012	
4/27/2010	0.0095	
9/30/2010	0.0087	
4/14/2011	0.0061	
10/5/2011	<0.025	
4/11/2012	<0.025	
10/2/2012	<0.025	
4/9/2013	0.0053	
10/15/2013	0.0076	
4/10/2014	0.005	
10/1/2014	0.0047 (J)	
3/30/2015	0.0048 (J)	
10/11/2015	0.0055	
3/28/2016	<0.025	
8/1/2016	0.0025 (J)	
4/7/2017	0.003 (J)	
10/2/2017	0.0031 (J)	
3/16/2018	0.0037 (J)	
9/17/2018	0.0028 (J)	
3/19/2019	0.0023 (J)	
9/13/2019	0.0023 (J)	
3/11/2020	0.0026 (J)	
9/16/2020	0.0018 (J)	
3/17/2021	0.0019 (J)	
8/9/2021	0.0017 (J)	
2/1/2022	0.0017 (J)	
8/16/2022	0.0014 (J)	
2/16/2023	0.0015 (J)	
7/28/2023	0.0023 (J)	
2/22/2024		0.0015 (J)
8/8/2024		0.0018 (J)
2/27/2025		0.0017 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R	GWA-50R
12/12/2008	0.064 (O)	
4/23/2009	0.034	
10/6/2009	0.026	
5/3/2010	0.014	
10/11/2010	0.014	
4/27/2011	0.028	
10/19/2011	<0.013	
5/1/2012	0.0198	
10/2/2012	0.011	
4/10/2013	0.018	
10/16/2013	0.016	
4/22/2014	0.014	
10/1/2014	0.0041 (J)	
3/30/2015	0.012	
10/11/2015	0.0049 (J)	
3/28/2016	0.00734 (J)	
8/1/2016	0.0049 (J)	
4/3/2017	0.0023 (J)	
10/2/2017	0.0023 (J)	
3/16/2018	0.0035 (J)	
9/18/2018	0.0041 (J)	
3/19/2019	0.0029 (J)	
9/12/2019	0.0028 (J)	
3/11/2020	0.0035 (J)	
9/15/2020	0.0031 (J)	
3/17/2021	0.0024 (J)	
8/9/2021	0.0028 (J)	
2/2/2022	0.0033 (J)	
8/17/2022	0.0098	
2/16/2023	0.0028 (J)	
7/28/2023	0.0034 (J)	
2/22/2024		0.003 (J)
8/8/2024		0.0027 (J)
2/28/2025		0.004 (J)

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-16R	GWC-16R
9/16/2014	0.0042 (J)	
10/4/2014	0.0024 (J)	
10/21/2014	0.002 (J)	
11/11/2014	0.0021 (J)	
3/3/2015	0.0017 (J)	
3/18/2015	0.0019 (J)	
4/6/2015	0.0014 (J)	
4/23/2015	0.0022 (J)	
7/29/2015	0.00098 (J)	
3/3/2016	<0.005	
7/13/2016	0.0022 (J)	
3/20/2017	0.002 (J)	
9/21/2017	0.0018 (J)	
3/14/2018	0.0017 (J)	
9/7/2018	<0.005	
3/11/2019	<0.005	
9/9/2019	0.00082 (J)	
3/4/2020	0.0024 (J)	
9/9/2020	<0.005	
3/9/2021	0.0025 (J)	
7/30/2021	0.0024 (J)	
1/28/2022	0.00088 (J)	
8/11/2022	<0.005	
2/10/2023	0.0012 (J)	
8/4/2023	<0.005	
2/15/2024		0.0017 (J)
7/31/2024		0.0011 (J)
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-17R	GWC-17R
9/17/2014	<0.005	
10/4/2014	0.0012 (J)	
10/21/2014	0.0011 (J)	
11/11/2014	0.0015 (J)	
3/3/2015	0.0012 (J)	
3/18/2015	<0.005	
4/6/2015	0.00083 (J)	
4/23/2015	0.0012 (J)	
7/29/2015	<0.005	
3/4/2016	<0.005	
7/14/2016	0.0124 (J)	
3/21/2017	0.0005 (J)	
9/22/2017	0.0007 (J)	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/10/2019	<0.005	
3/5/2020	0.00023 (J)	
9/9/2020	<0.005	
3/10/2021	<0.005	
7/30/2021	<0.005	
1/28/2022	<0.005	
8/11/2022	<0.005	
2/10/2023	<0.005	
8/3/2023	<0.005	
2/15/2024		<0.005
7/31/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/5/2014	<0.005	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/7/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
7/13/2016	<0.005	
3/23/2017	<0.005	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/9/2019	<0.005	
3/6/2020	0.00023 (J)	
9/9/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/28/2022	<0.005	
8/10/2022	<0.005	
2/9/2023	<0.005	
8/3/2023	<0.005	
2/14/2024		<0.005
7/31/2024		<0.005
2/20/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18R	GWC-18R
9/17/2014	<0.005	
10/4/2014	0.00086 (J)	
10/21/2014	<0.005	
11/11/2014	<0.005	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/7/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
7/13/2016	<0.005	
3/20/2017	<0.005	
9/21/2017	0.0003 (J)	
3/14/2018	<0.005	
9/7/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	<0.005	
3/5/2020	<0.005	
9/9/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/27/2022	<0.005	
8/10/2022	<0.005	
2/9/2023	<0.005	
8/4/2023	<0.005	
2/14/2024		<0.005
7/31/2024		<0.005
2/19/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-19R	GWC-19R
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/5/2014	<0.005	
3/3/2015	<0.005	
3/19/2015	<0.005	
4/7/2015	<0.005	
4/24/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
7/14/2016	<0.005	
3/21/2017	0.0006 (J)	
9/20/2017	0.0003 (J)	
3/14/2018	<0.005	
9/10/2018	<0.005	
3/12/2019	<0.005	
9/9/2019	<0.005	
3/4/2020	0.00036 (J)	
9/9/2020	<0.005	
2/26/2021	<0.005	
8/5/2021	<0.005	
1/27/2022	<0.005	
8/9/2022	<0.005	
2/9/2023	<0.005	
8/4/2023	<0.005	
2/14/2024		<0.005
7/31/2024		<0.005
2/20/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-20R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/7/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	<0.005	
7/14/2016	<0.005	
3/22/2017	<0.005	
9/19/2017	0.0008 (J)	
3/14/2018	<0.005	
9/10/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	<0.005	
3/5/2020	<0.005	
9/4/2020	<0.005	
3/9/2021	<0.005	
8/2/2021	<0.005	
1/27/2022	<0.005	
8/9/2022	<0.005	
2/10/2023	<0.005	
8/3/2023	<0.005	
2/15/2024		<0.005
8/1/2024		<0.005
2/20/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.005	
10/5/2014	0.0016 (J)	
10/22/2014	0.0018 (J)	
11/5/2014	0.0015 (J)	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	<0.005	
4/24/2015	0.0016 (J)	
7/30/2015	<0.005	
3/8/2016	<0.005	
7/15/2016	0.0009 (J)	
3/21/2017	0.0009 (J)	
9/19/2017	0.0006 (J)	
3/14/2018	<0.005	
9/10/2018	<0.005	
3/11/2019	<0.005	
9/6/2019	0.01 (J)	
3/3/2020	0.00049 (J)	
9/8/2020	<0.005	
3/9/2021	<0.005	
8/2/2021	0.00081 (J)	
1/28/2022	<0.005	
8/10/2022	<0.005	
2/9/2023	0.0011 (J)	
8/4/2023	0.0016 (J)	
2/15/2024		0.00092 (J)
8/2/2024		0.0011 (J)
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	<0.005	
3/7/2016	<0.005	
7/14/2016	<0.005	
3/20/2017	0.0012 (J)	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/11/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	0.00022 (J)	
9/8/2020	<0.005	
3/9/2021	<0.005	
8/2/2021	<0.005	
1/27/2022	<0.005	
8/10/2022	<0.005	
2/9/2023	<0.005	
8/3/2023	<0.005	
2/15/2024		<0.005
7/31/2024		<0.005
2/20/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-23R	GWC-23R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	0.001 (J)	
3/4/2015	0.0014 (J)	
3/20/2015	<0.005	
4/8/2015	0.0014 (J)	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/9/2016	<0.005	
7/15/2016	<0.005	
3/22/2017	0.0005 (J)	
9/21/2017	0.0005 (J)	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	0.00037 (J)	
3/5/2020	0.0003 (J)	
9/9/2020	<0.005	
3/10/2021	<0.005	
7/30/2021	<0.005	
1/28/2022	0.00068 (J)	
8/11/2022	<0.005	
2/10/2023	<0.005	
8/3/2023	<0.005	
2/16/2024		<0.005
7/31/2024		0.0018 (J)
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-24R	GWC-24R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/8/2015	<0.005	
4/23/2015	0.0011 (J)	
7/30/2015	<0.005	
3/4/2016	<0.005	
7/12/2016	<0.005	
3/20/2017	0.0003 (J)	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	0.001 (JD)	
3/3/2020	0.00097 (J)	
9/9/2020	0.0017 (J)	
3/9/2021	<0.005	
7/29/2021	0.00051 (J)	
1/28/2022	<0.005	
8/9/2022	<0.005	
2/9/2023	<0.005	
8/3/2023	<0.005	
2/15/2024		0.00053 (J)
7/31/2024		<0.005
2/24/2025		0.0013 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-25R	GWC-25R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/9/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	<0.005	
7/18/2016	<0.005	
3/16/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	0.00027 (J)	
9/4/2020	<0.005	
3/9/2021	<0.005	
8/2/2021	<0.005	
1/27/2022	<0.005	
8/9/2022	<0.005	
2/9/2023	<0.005	
8/3/2023	<0.005	
2/16/2024		<0.005
7/31/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
9/15/2014	0.0049 (J)	
10/3/2014	<0.005	
10/20/2014	0.0024 (J)	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	<0.005	
4/21/2015	0.0017 (J)	
7/28/2015	0.00097 (J)	
3/1/2016	<0.005	
7/6/2016	<0.005	
3/14/2017	0.0003 (J)	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	0.00043 (J)	
9/14/2020	<0.005	
3/26/2021	<0.005	
7/27/2021	<0.005	
1/26/2022	<0.005	
8/8/2022	<0.005	
2/8/2023	<0.005	
8/3/2023	<0.005	
2/13/2024		0.00049 (J)
7/30/2024		<0.005
2/19/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-37	GWC-37
9/16/2014	0.018	
10/3/2014	0.021	
10/20/2014	0.022	
11/10/2014	0.02	
3/2/2015	0.015	
3/17/2015	0.016	
4/5/2015	0.016	
4/22/2015	0.013	
7/28/2015	0.02	
3/1/2016	0.0103 (J)	
7/8/2016	0.0152 (J)	
3/14/2017	0.0085 (J)	
9/15/2017	0.0058 (J)	
3/12/2018	0.0053 (J)	
9/6/2018	0.0054 (J)	
3/6/2019	<0.005	
9/4/2019	0.0082 (J)	
3/2/2020	0.0068 (J)	
9/3/2020	0.0067 (J)	
2/24/2021	0.0083	
7/28/2021	0.014	
1/26/2022	0.013	
8/8/2022	0.0087	
2/8/2023	0.011	
8/2/2023	0.014	
2/13/2024		<0.005
7/30/2024		0.01
2/19/2025		0.016

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-38	GWC-38
9/16/2014	<0.005	
10/3/2014	0.00089 (J)	
10/20/2014	0.00087 (J)	
11/10/2014	<0.005	
3/2/2015	0.004 (J)	
3/17/2015	0.0016 (J)	
4/6/2015	0.00083 (J)	
4/22/2015	0.00085 (J)	
7/28/2015	<0.005	
3/2/2016	<0.005	
7/7/2016	<0.005	
3/23/2017	<0.005	
9/19/2017	0.0004 (J)	
3/13/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	0.00019 (J)	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/28/2021	<0.005	
1/25/2022	<0.005	
8/5/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/13/2024		<0.005
7/30/2024		<0.005
2/19/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1	GWA-1
8/23/2007	<0.001	
10/23/2007	<0.001	
11/18/2007	<0.001	
1/30/2008	<0.001	
3/10/2008	<0.001	
5/13/2008	<0.001	
12/5/2008	<0.001	
4/15/2009	<0.001	
10/7/2009	<0.001	
5/3/2010	<0.001	
10/12/2010	<0.001	
4/27/2011	<0.001	
10/17/2011	<0.001	
5/2/2012	<0.001	
10/8/2012	<0.001	
4/12/2013	<0.001	
10/16/2013	<0.001	
4/11/2014	<0.001	
9/30/2014	<0.001	
3/30/2015	0.0028 (J)	
10/13/2015	<0.001	
3/22/2016	<0.001	
5/19/2016	<0.001	
7/29/2016	0.0002 (J)	
9/23/2016	<0.001	
11/9/2016	0.0004 (J)	
1/30/2017	<0.001	
3/30/2017	8E-05 (J)	
6/9/2017	0.0001 (J)	
10/2/2017	0.0002 (J)	
3/16/2018	<0.001	
9/17/2018	<0.001 (D)	
3/20/2019	<0.001	
9/12/2019	<0.001	
3/11/2020	<0.001	
9/15/2020	9.3E-05 (J)	
3/16/2021	5.2E-05 (J)	
8/9/2021	<0.001	
2/1/2022	<0.001	
8/16/2022	<0.001	
2/16/2023	<0.001	
7/27/2023	<0.001	
2/22/2024		<0.001
8/7/2024		<0.001
2/27/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2	GWA-2
8/23/2007	<0.001	
10/24/2007	<0.001	
11/18/2007	<0.001	
1/31/2008	<0.001	
3/11/2008	<0.001	
5/6/2008	<0.001	
12/4/2008	<0.001	
4/21/2009	<0.001	
10/7/2009	<0.001	
4/26/2010	<0.001	
10/4/2010	<0.001	
4/13/2011	<0.001	
10/5/2011	<0.001	
4/11/2012	<0.001	
10/9/2012	<0.001	
4/15/2013	<0.001	
10/15/2013	<0.001	
4/22/2014	<0.001	
9/30/2014	<0.001	
3/30/2015	<0.001	
10/13/2015	<0.001	
3/23/2016	<0.001	
5/20/2016	<0.001	
7/29/2016	0.0001 (J)	
9/23/2016	<0.001	
11/9/2016	<0.001	
1/31/2017	<0.001	
3/30/2017	<0.001	
6/12/2017	<0.001	
10/2/2017	<0.001	
3/19/2018	<0.001	
9/14/2018	<0.001	
3/20/2019	<0.001	
9/12/2019	0.002536 (JD)	
3/11/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/9/2021	<0.001	
2/1/2022	<0.001	
8/16/2022	<0.001	
2/16/2023	<0.001	
7/27/2023	<0.001	
2/22/2024		<0.001
8/7/2024		<0.001
2/27/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2R	GWA-2R
8/23/2007	<0.001	
10/24/2007	<0.001	
11/18/2007	<0.001	
1/31/2008	<0.001	
3/10/2008	<0.001	
5/13/2008	<0.001	
12/4/2008	<0.001	
4/21/2009	<0.001	
10/8/2009	<0.001	
4/21/2010	<0.001	
9/28/2010	<0.001	
4/12/2011	<0.001	
10/4/2011	<0.001	
4/3/2012	<0.001	
10/9/2012	<0.001	
4/11/2013	<0.001	
10/16/2013	<0.001	
4/10/2014	<0.001	
9/30/2014	<0.001	
3/30/2015	<0.001	
10/13/2015	<0.001	
3/23/2016	<0.001	
5/19/2016	<0.001	
7/29/2016	<0.001	
9/22/2016	<0.001	
11/10/2016	<0.001	
1/31/2017	<0.001	
4/3/2017	<0.001	
6/9/2017	<0.001	
10/2/2017	<0.001	
3/16/2018	<0.001	
9/14/2018	<0.001	
3/19/2019	<0.001	
9/13/2019	<0.001	
3/11/2020	5.8E-05 (J)	
9/15/2020	5E-05 (J)	
3/16/2021	7E-05 (J)	
8/9/2021	<0.001	
2/1/2022	<0.001	
8/16/2022	<0.001	
2/16/2023	<0.001	
7/27/2023	<0.001	
2/26/2024		<0.001
8/6/2024		<0.001
2/27/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.001 (D)	
7/27/2016	0.0011 (JD)	
2/21/2017	<0.001	
3/27/2017	<0.001 (D)	
6/8/2017	<0.001 (D)	
7/17/2017	<0.001 (D)	
7/27/2017	0.0001 (J)	
8/9/2017	<0.001	
9/29/2017	<0.001 (D)	
3/16/2018	<0.001	
9/14/2018	<0.001	
3/14/2019	<0.001	
3/9/2020	0.00027 (J)	
9/16/2020	0.0005 (J)	
3/16/2021	0.0002 (J)	
8/6/2021	<0.001	
2/2/2022	<0.001	
8/16/2022	<0.001	
2/14/2023	<0.001	
7/25/2023	0.00014 (J)	
2/19/2024		<0.001
8/1/2024		<0.001
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39Z	GWA-39Z
3/14/2016	<0.001	
5/11/2016	<0.001	
7/19/2016	<0.001	
9/15/2016	<0.001	
11/2/2016	<0.001	
1/18/2017	<0.001	
3/28/2017	<0.001 (*)	
6/7/2017	8E-05 (J)	
9/26/2017	0.0002 (J)	
3/14/2018	<0.001	
9/12/2018	<0.001	
3/15/2019	<0.001	
9/9/2019	<0.001	
3/9/2020	5.5E-05 (J)	
9/10/2020	<0.001	
3/12/2021	0.0002 (J)	
8/4/2021	<0.001	
1/31/2022	<0.001	
8/10/2022	<0.001	
2/13/2023	<0.001	
7/26/2023	<0.001	
2/19/2024		<0.001
8/1/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-40	GWA-40
3/15/2016	<0.001	
5/11/2016	<0.001	
7/21/2016	<0.001	
9/15/2016	<0.001	
11/3/2016	<0.001	
1/17/2017	<0.001	
3/24/2017	<0.001 (*)	
5/24/2017	0.0001 (J)	
9/26/2017	0.0001 (J)	
3/14/2018	0.00046 (J)	
9/12/2018	<0.001	
3/13/2019	<0.001	
9/9/2019	<0.001	
3/9/2020	9.5E-05 (J)	
9/11/2020	<0.001	
3/10/2021	<0.001	
8/4/2021	<0.001	
1/31/2022	<0.001	
8/12/2022	<0.001	
2/13/2023	<0.001	
7/26/2023	<0.001	
2/19/2024		<0.001
8/1/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41	GWA-41
3/15/2016	<0.001	
5/12/2016	<0.001	
7/20/2016	<0.001	
9/15/2016	<0.001	
11/3/2016	<0.001	
1/18/2017	<0.001	
3/24/2017	<0.001	
6/6/2017	<0.001	
9/25/2017	<0.001	
3/14/2018	<0.001	
9/12/2018	<0.001	
3/14/2019	<0.001	
9/10/2019	<0.001 (D)	
3/6/2020	9.1E-05 (J)	
9/10/2020	<0.001	
3/11/2021	<0.001	
8/4/2021	<0.001	
1/31/2022	<0.001	
8/11/2022	<0.001	
2/13/2023	<0.001	
7/25/2023	<0.001	
2/19/2024		<0.001
8/1/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R	GWA-41R
3/15/2016	<0.001	
5/13/2016	<0.001	
7/21/2016	0.0001 (J)	
9/21/2016	<0.001	
11/3/2016	<0.001	
1/17/2017	<0.001	
3/27/2017	<0.001	
6/6/2017	<0.001	
9/25/2017	0.0001 (J)	
3/14/2018	0.00031 (J)	
9/12/2018	<0.001	
3/14/2019	0.00031 (J)	
9/10/2019	<0.001	
3/9/2020	4.9E-05 (J)	
9/10/2020	<0.001	
3/10/2021	0.00012 (J)	
8/4/2021	<0.001	
1/31/2022	<0.001	
8/11/2022	<0.001	
2/13/2023	<0.001	
7/25/2023	<0.001	
2/19/2024		<0.001
8/1/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	<0.001	
5/16/2016	<0.001	
7/22/2016	0.0001 (J)	
9/19/2016	0.0002 (J)	
11/3/2016	<0.001	
1/17/2017	<0.001	
3/27/2017	<0.001	
6/7/2017	<0.001	
9/26/2017	<0.001	
3/14/2018	<0.001	
9/14/2018	<0.001	
3/14/2019	<0.001	
9/10/2019	<0.001	
3/6/2020	0.00011 (J)	
9/10/2020	<0.001	
3/11/2021	<0.001	
8/4/2021	<0.001	
1/31/2022	<0.001	
8/10/2022	<0.001	
2/13/2023	<0.001	
7/26/2023	<0.001	
2/20/2024		<0.001
8/1/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	<0.001	
5/13/2016	<0.001	
7/19/2016	<0.001	
9/16/2016	<0.001	
11/2/2016	<0.001	
1/18/2017	<0.001	
3/28/2017	<0.001	
6/6/2017	7E-05 (J)	
9/22/2017	8E-05 (J)	
3/14/2018	<0.001	
9/12/2018	<0.001	
3/13/2019	<0.001	
9/11/2019	0.0001 (J)	
3/9/2020	9.1E-05 (J)	
9/11/2020	4.6E-05 (J)	
3/11/2021	6.3E-05 (J)	
8/6/2021	<0.001	
1/31/2022	<0.001	
8/11/2022	<0.001	
2/14/2023	<0.001	
7/25/2023	0.00018 (J)	
2/20/2024		<0.001
8/2/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43R	GWA-43R
3/11/2016	<0.001	
5/13/2016	<0.001	
7/19/2016	<0.001	
9/16/2016	<0.001	
11/2/2016	<0.001	
1/18/2017	<0.001	
3/28/2017	<0.001	
6/6/2017	0.0001 (J)	
9/22/2017	7E-05 (J)	
3/15/2018	0.0038 (J)	
9/12/2018	<0.001	
3/13/2019	<0.001	
9/11/2019	9.2E-05 (J)	
3/9/2020	9.6E-05 (J)	
9/14/2020	6.6E-05 (J)	
3/11/2021	0.00013 (J)	
8/5/2021	<0.001	
1/31/2022	<0.001	
8/10/2022	<0.001	
2/13/2023	<0.001	
7/25/2023	<0.001	
2/20/2024		<0.001
8/2/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ	GWA-4RZ
2/22/2017	0.0002 (J)	
4/7/2017	<0.001	
6/14/2017	<0.001 (D)	
7/12/2017	<0.001 (D)	
7/20/2017	<0.001 (D)	
7/28/2017	<0.001	
8/9/2017	<0.001	
8/24/2017	<0.001	
10/3/2017	<0.001 (D)	
3/21/2018	<0.001	
9/18/2018	<0.001	
3/21/2019	<0.001 (D)	
9/12/2019	6.5E-05 (JD)	
3/12/2020	<0.001	
9/17/2020	<0.001	
3/16/2021	<0.001	
8/10/2021	<0.001	
2/3/2022	<0.001	
8/17/2022	<0.001	
2/17/2023	<0.001	
7/28/2023	<0.001	
2/27/2024		<0.001
8/8/2024		<0.001
2/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50	GWA-50
12/12/2008	<0.001	
4/23/2009	<0.001	
10/6/2009	<0.001	
4/27/2010	<0.001	
9/30/2010	<0.001	
4/14/2011	<0.001	
10/5/2011	<0.001	
4/11/2012	<0.001	
10/2/2012	<0.001	
4/9/2013	<0.001	
10/15/2013	<0.001	
4/10/2014	<0.001	
10/1/2014	<0.001	
3/30/2015	<0.001	
10/11/2015	<0.001	
3/28/2016	<0.001	
5/23/2016	<0.001	
8/1/2016	<0.001	
9/26/2016	0.0001 (J)	
11/10/2016	<0.001	
1/30/2017	<0.001	
4/7/2017	<0.001	
6/12/2017	<0.001	
10/2/2017	0.0003 (J)	
3/16/2018	<0.001	
9/17/2018	<0.001	
3/19/2019	<0.001	
9/13/2019	<0.001	
3/11/2020	<0.001	
9/16/2020	9.3E-05 (J)	
3/17/2021	<0.001	
8/9/2021	<0.001	
2/1/2022	<0.001	
8/16/2022	<0.001	
2/16/2023	<0.001	
7/28/2023	<0.001	
2/22/2024		<0.001
8/8/2024		<0.001
2/27/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R	GWA-50R
12/12/2008	<0.001	
4/23/2009	<0.001	
10/6/2009	<0.001	
5/3/2010	<0.001	
10/11/2010	<0.001	
4/27/2011	<0.001	
10/19/2011	<0.001	
5/1/2012	0.0012	
10/2/2012	<0.001	
4/10/2013	<0.001	
10/16/2013	<0.001	
4/22/2014	<0.001	
10/1/2014	<0.001	
3/30/2015	<0.001	
10/11/2015	<0.001	
3/28/2016	<0.001	
5/25/2016	<0.001	
8/1/2016	<0.001	
9/26/2016	<0.001	
11/11/2016	<0.001	
1/30/2017	<0.001	
4/3/2017	<0.001	
6/12/2017	<0.001	
10/2/2017	<0.001	
3/16/2018	<0.001	
9/18/2018	<0.001	
3/19/2019	<0.001	
9/12/2019	<0.001	
3/11/2020	<0.001	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/9/2021	<0.001	
2/2/2022	<0.001	
8/17/2022	<0.001	
2/16/2023	<0.001	
7/28/2023	<0.001	
2/22/2024		<0.001
8/8/2024		<0.001
2/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-16R	GWC-16R
9/16/2014	<0.001	
10/4/2014	<0.001	
10/21/2014	<0.001	
11/11/2014	<0.001	
3/3/2015	<0.001	
3/18/2015	<0.001	
4/6/2015	<0.001	
4/23/2015	<0.001	
7/29/2015	<0.001	
3/3/2016	<0.001	
5/10/2016	<0.001	
7/13/2016	<0.001	
9/15/2016	<0.001	
11/2/2016	<0.001	
1/11/2017	0.0001 (J)	
3/20/2017	<0.001	
5/23/2017	8E-05 (J)	
9/21/2017	9E-05 (J)	
3/14/2018	<0.001	
9/7/2018	<0.001	
3/11/2019	<0.001	
9/9/2019	<0.001	
3/4/2020	<0.001	
9/9/2020	0.00017 (J)	
3/9/2021	0.00011 (J)	
7/30/2021	<0.001	
1/28/2022	<0.001	
8/11/2022	<0.001	
2/10/2023	<0.001	
8/4/2023	<0.001	
2/15/2024		<0.001
7/31/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-17R	GWC-17R
9/17/2014	<0.001	
10/4/2014	<0.001	
10/21/2014	<0.001	
11/11/2014	<0.001	
3/3/2015	<0.001	
3/18/2015	<0.001	
4/6/2015	<0.001	
4/23/2015	<0.001	
7/29/2015	<0.001	
3/4/2016	<0.001	
5/10/2016	<0.001	
7/14/2016	0.0006 (J)	
9/14/2016	<0.001	
11/1/2016	<0.001	
1/11/2017	<0.001	
3/21/2017	<0.001	
5/23/2017	<0.001	
9/22/2017	<0.001	
3/14/2018	<0.001	
9/11/2018	<0.001	
3/12/2019	<0.001	
9/10/2019	<0.001	
3/5/2020	<0.001	
9/9/2020	<0.001	
3/10/2021	<0.001	
7/30/2021	<0.001	
1/28/2022	<0.001	
8/11/2022	<0.001	
2/10/2023	<0.001	
8/3/2023	<0.001	
2/15/2024		<0.001
7/31/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
9/17/2014	<0.001	
10/4/2014	<0.001	
10/21/2014	<0.001	
11/5/2014	<0.001	
3/3/2015	<0.001	
3/18/2015	<0.001	
4/7/2015	<0.001	
4/23/2015	<0.001	
7/29/2015	<0.001	
3/7/2016	<0.001	
5/5/2016	<0.001	
7/13/2016	0.0001 (J)	
9/13/2016	<0.001	
10/31/2016	<0.001	
1/12/2017	0.0002 (J)	
3/23/2017	0.0002 (J)	
5/23/2017	0.0002 (J)	
9/25/2017	8E-05 (J)	
3/14/2018	<0.001	
9/11/2018	<0.001	
3/12/2019	<0.001	
9/9/2019	5E-05 (J)	
3/6/2020	0.00013 (J)	
9/9/2020	6E-05 (J)	
2/26/2021	9.4E-05 (J)	
7/29/2021	<0.001	
1/28/2022	<0.001	
8/10/2022	<0.001	
2/9/2023	<0.001	
8/3/2023	<0.001	
2/14/2024		<0.001
7/31/2024		<0.001
2/20/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18R	GWC-18R
9/17/2014	<0.001	
10/4/2014	<0.001	
10/21/2014	<0.001	
11/11/2014	<0.001	
3/3/2015	<0.001	
3/18/2015	<0.001	
4/7/2015	<0.001	
4/23/2015	<0.001	
7/29/2015	<0.001	
3/7/2016	<0.001	
5/5/2016	<0.001	
7/13/2016	<0.001	
9/12/2016	0.0002 (J)	
11/1/2016	0.0001 (J)	
1/11/2017	<0.001	
3/20/2017	7E-05 (J)	
5/22/2017	<0.001	
9/21/2017	0.0003 (J)	
3/14/2018	0.00035 (J)	
9/7/2018	<0.001	
3/12/2019	<0.001	
9/6/2019	<0.001	
3/5/2020	0.00032 (J)	
9/9/2020	0.00025 (J)	
2/26/2021	0.00025 (J)	
7/29/2021	<0.001	
1/27/2022	<0.001	
8/10/2022	<0.001	
2/9/2023	<0.001	
8/4/2023	<0.001	
2/14/2024		<0.001
7/31/2024		<0.001
2/19/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-19R	GWC-19R
9/17/2014	<0.001	
10/4/2014	<0.001	
10/21/2014	<0.001	
11/5/2014	<0.001	
3/3/2015	<0.001	
3/19/2015	<0.001	
4/7/2015	<0.001	
4/24/2015	<0.001	
7/29/2015	<0.001	
3/7/2016	<0.001	
5/9/2016	<0.001	
7/14/2016	9E-05 (J)	
9/12/2016	<0.001	
10/31/2016	<0.001	
1/11/2017	<0.001	
3/21/2017	7E-05 (J)	
5/22/2017	<0.001	
9/20/2017	0.0004 (J)	
3/14/2018	<0.001	
9/10/2018	<0.001	
3/12/2019	<0.001	
9/9/2019	<0.001	
3/4/2020	0.0003 (J)	
9/9/2020	<0.001	
2/26/2021	<0.001	
8/5/2021	<0.001	
1/27/2022	<0.001	
8/9/2022	<0.001	
2/9/2023	<0.001	
8/4/2023	<0.001	
2/14/2024		0.00024 (J)
7/31/2024		<0.001
2/20/2025		0.00026 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.001	
10/5/2014	<0.001	
10/22/2014	<0.001	
11/5/2014	<0.001	
3/4/2015	<0.001	
3/19/2015	<0.001	
4/8/2015	<0.001	
4/24/2015	<0.001	
7/30/2015	<0.001	
3/8/2016	<0.001	
5/9/2016	<0.001	
7/15/2016	<0.001	
9/9/2016	<0.001	
10/27/2016	<0.001	
1/12/2017	<0.001	
3/21/2017	6E-05 (J)	
5/23/2017	<0.001	
9/19/2017	<0.001	
3/14/2018	<0.001	
9/10/2018	<0.001	
3/11/2019	<0.001	
9/6/2019	0.0016 (J)	
3/3/2020	<0.001	
9/8/2020	6.7E-05 (J)	
3/9/2021	<0.001	
8/2/2021	<0.001	
1/28/2022	<0.001	
8/10/2022	<0.001	
2/9/2023	<0.001	
8/4/2023	<0.001	
2/15/2024		<0.001
8/2/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.001	
10/5/2014	<0.001	
10/22/2014	<0.001	
11/5/2014	<0.001	
3/4/2015	<0.001	
3/19/2015	<0.001	
4/8/2015	<0.001	
4/24/2015	<0.001	
7/30/2015	<0.001	
3/7/2016	<0.001	
5/5/2016	<0.001	
7/14/2016	<0.001	
9/12/2016	<0.001	
10/27/2016	<0.001	
1/13/2017	0.0001 (J)	
3/20/2017	7E-05 (J)	
5/23/2017	<0.001	
9/19/2017	0.0001 (J)	
3/13/2018	<0.001	
9/7/2018	<0.001	
3/11/2019	<0.001	
9/5/2019	<0.001	
3/3/2020	5.9E-05 (J)	
9/8/2020	<0.001	
3/9/2021	<0.001	
8/2/2021	<0.001	
1/27/2022	<0.001	
8/10/2022	<0.001	
2/9/2023	<0.001	
8/3/2023	<0.001	
2/15/2024		<0.001
7/31/2024		<0.001
2/20/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-23R	GWC-23R
9/18/2014	<0.001	
10/5/2014	<0.001	
10/22/2014	<0.001	
11/5/2014	<0.001	
3/4/2015	<0.001	
3/20/2015	<0.001	
4/8/2015	<0.001	
4/23/2015	<0.001	
7/30/2015	<0.001	
3/9/2016	<0.001	
5/6/2016	<0.001	
7/15/2016	<0.001	
9/14/2016	<0.001	
11/1/2016	<0.001	
1/25/2017	<0.001	
3/22/2017	<0.001	
5/24/2017	0.0001 (J)	
9/21/2017	<0.001	
3/14/2018	<0.001	
9/11/2018	<0.001	
3/12/2019	<0.001	
9/6/2019	6.8E-05 (J)	
3/5/2020	5.2E-05 (J)	
9/9/2020	<0.001	
3/10/2021	<0.001	
7/30/2021	<0.001	
1/28/2022	<0.001	
8/11/2022	<0.001	
2/10/2023	<0.001	
8/3/2023	<0.001	
2/16/2024		<0.001
7/31/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-24R	GWC-24R
9/16/2014	<0.001	
10/4/2014	<0.001	
10/23/2014	<0.001	
11/10/2014	<0.001	
3/4/2015	<0.001	
3/20/2015	<0.001	
4/8/2015	<0.001	
4/23/2015	<0.001	
7/30/2015	<0.001	
3/4/2016	<0.001	
5/5/2016	<0.001	
7/12/2016	<0.001	
9/13/2016	<0.001	
10/27/2016	<0.001	
1/13/2017	<0.001	
3/20/2017	0.0001 (J)	
5/19/2017	<0.001	
9/19/2017	0.0002 (J)	
3/13/2018	<0.001	
9/11/2018	<0.001	
3/8/2019	<0.001	
9/5/2019	9.05E-05 (JD)	
3/3/2020	5.7E-05 (J)	
9/9/2020	0.0001 (J)	
3/9/2021	<0.001	
7/29/2021	<0.001	
1/28/2022	<0.001	
8/9/2022	<0.001	
2/9/2023	<0.001	
8/3/2023	<0.001	
2/15/2024		<0.001
7/31/2024		<0.001
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-25R	GWC-25R
9/16/2014	<0.001	
10/4/2014	<0.001	
10/23/2014	<0.001	
11/10/2014	<0.001	
3/4/2015	<0.001	
3/20/2015	<0.001	
4/9/2015	<0.001	
4/23/2015	<0.001	
7/30/2015	<0.001	
3/8/2016	<0.001	
5/4/2016	<0.001	
7/18/2016	0.0001 (J)	
9/13/2016	<0.001	
10/27/2016	<0.001	
1/13/2017	<0.001	
3/16/2017	0.0003 (J)	
5/19/2017	0.0001 (J)	
9/19/2017	<0.001	
3/13/2018	<0.001	
9/11/2018	<0.001	
3/8/2019	0.00035 (J)	
9/5/2019	6E-05 (J)	
3/3/2020	5.9E-05 (J)	
9/4/2020	0.00012 (J)	
3/9/2021	<0.001	
8/2/2021	<0.001	
1/27/2022	<0.001	
8/9/2022	<0.001	
2/9/2023	<0.001	
8/3/2023	<0.001	
2/16/2024		<0.001
7/31/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
9/15/2014	0.0069 (JO)	
10/3/2014	<0.001	
10/20/2014	<0.001	
11/10/2014	<0.001	
3/2/2015	<0.001	
3/17/2015	<0.001	
4/5/2015	<0.001	
4/21/2015	<0.001	
7/28/2015	<0.001	
3/1/2016	<0.001	
5/2/2016	<0.001	
7/6/2016	0.0004 (J)	
9/7/2016	<0.001	
10/25/2016	0.0001 (J)	
1/5/2017	0.0002 (J)	
3/14/2017	0.0003 (J)	
5/16/2017	<0.001	
9/15/2017	8E-05 (J)	
3/12/2018	<0.001	
9/6/2018	<0.001	
3/7/2019	<0.001	
9/4/2019	<0.001	
3/2/2020	0.00031 (J)	
9/14/2020	0.00065 (J)	
3/26/2021	0.00095 (J)	
7/27/2021	<0.001	
1/26/2022	<0.001	
8/8/2022	<0.001	
2/8/2023	<0.001	
8/3/2023	<0.001	
2/13/2024		<0.001
7/30/2024		<0.001
2/19/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-37	GWC-37
9/16/2014	<0.001	
10/3/2014	<0.001	
10/20/2014	<0.001	
11/10/2014	<0.001	
3/2/2015	<0.001	
3/17/2015	<0.001	
4/5/2015	<0.001	
4/22/2015	<0.001	
7/28/2015	<0.001	
3/1/2016	<0.001	
5/3/2016	<0.001	
7/8/2016	0.0001 (J)	
9/7/2016	0.0001 (J)	
10/25/2016	<0.001	
1/6/2017	<0.001	
3/14/2017	0.0001 (J)	
5/16/2017	<0.001	
9/15/2017	<0.001	
3/12/2018	<0.001	
9/6/2018	<0.001	
3/6/2019	<0.001	
9/4/2019	<0.001	
3/2/2020	<0.001	
9/3/2020	<0.001	
2/24/2021	<0.001	
7/28/2021	0.13 (O)	
1/26/2022	<0.001	
8/8/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/13/2024		<0.001
7/30/2024		<0.001
2/19/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-38	GWC-38
9/16/2014	<0.001	
10/3/2014	<0.001	
10/20/2014	<0.001	
11/10/2014	<0.001	
3/2/2015	0.0047 (J)	
3/17/2015	<0.001	
4/6/2015	<0.001	
4/22/2015	<0.001	
7/28/2015	<0.001	
3/2/2016	<0.001	
5/3/2016	<0.001	
7/7/2016	0.0001 (J)	
9/8/2016	0.0001 (J)	
10/25/2016	0.0002 (J)	
2/9/2017	<0.001	
3/23/2017	0.0001 (J)	
5/17/2017	0.0001 (J)	
9/19/2017	<0.001	
3/13/2018	<0.001	
9/6/2018	<0.001	
3/7/2019	<0.001	
9/4/2019	<0.001	
3/2/2020	<0.001	
9/3/2020	<0.001	
2/24/2021	<0.001	
7/28/2021	<0.001	
1/25/2022	<0.001	
8/5/2022	<0.001	
2/8/2023	<0.001	
8/2/2023	<0.001	
2/13/2024		<0.001
7/30/2024		<0.001
2/19/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1	GWA-1
8/23/2007	<0.0005	
10/23/2007	<0.0005	
11/18/2007	<0.0005	
1/30/2008	<0.0005	
3/10/2008	<0.0005	
5/13/2008	<0.0005	
12/5/2008	<0.0005	
4/15/2009	<0.0005	
10/7/2009	<0.0005	
5/3/2010	<0.0005	
10/12/2010	<0.0005	
4/27/2011	<0.0005	
10/17/2011	<0.0005	
5/2/2012	<0.0005	
10/8/2012	<0.0005	
4/12/2013	<0.0005	
10/16/2013	<0.0005	
4/11/2014	<0.0005	
9/30/2014	<0.0005	
3/30/2015	<0.0005	
10/13/2015	<0.0005	
3/22/2016	<0.0005	
5/19/2016	<0.0005	
7/29/2016	<0.0005	
9/23/2016	<0.0005	
11/9/2016	<0.0005	
1/30/2017	<0.0005	
3/30/2017	<0.0005	
6/9/2017	<0.0005	
10/2/2017	<0.0005	
3/16/2018	<0.0005	
9/17/2018	<0.0005 (D)	
3/20/2019	<0.0005	
9/12/2019	<0.0005	
3/11/2020	<0.0005	
9/15/2020	<0.0005	
3/16/2021	<0.0005	
8/9/2021	<0.0005	
2/1/2022	<0.0005	
8/16/2022	<0.0005	
2/16/2023	0.00017 (J)	
7/27/2023	<0.0005	
2/22/2024		<0.0005
8/7/2024		<0.0005
2/27/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2	GWA-2
8/23/2007	<0.0005	
10/24/2007	<0.0005	
11/18/2007	<0.0005	
1/31/2008	<0.0005	
3/11/2008	<0.0005	
5/6/2008	0.000175	
12/4/2008	<0.0005	
4/21/2009	<0.0005	
10/7/2009	<0.0005	
4/26/2010	<0.0005	
10/4/2010	<0.0005	
4/13/2011	<0.0005	
10/5/2011	<0.0005	
4/11/2012	<0.0005	
10/9/2012	<0.0005	
4/15/2013	<0.0005	
10/15/2013	<0.0005	
4/22/2014	<0.0005	
9/30/2014	<0.0005	
3/30/2015	<0.0005	
10/13/2015	<0.0005	
3/23/2016	<0.0005	
5/20/2016	<0.0005	
7/29/2016	<0.0005	
9/23/2016	<0.0005	
11/9/2016	<0.0005	
1/31/2017	<0.0005	
3/30/2017	<0.0005	
6/12/2017	<0.0005	
10/2/2017	<0.0005	
3/19/2018	<0.0005	
9/14/2018	<0.0005	
3/20/2019	<0.0005	
9/12/2019	<0.0005 (D)	
3/11/2020	<0.0005	
9/15/2020	<0.0005	
3/17/2021	<0.0005	
8/9/2021	<0.0005	
2/1/2022	<0.0005	
8/16/2022	<0.0005	
2/16/2023	0.00013 (J)	
7/27/2023	<0.0005	
2/22/2024		<0.0005
8/7/2024		<0.0005
2/27/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.0005 (D)	
7/27/2016	<0.0005 (D)	
2/21/2017	<0.0005	
3/27/2017	<0.0005 (D)	
6/8/2017	<0.0005 (D)	
7/17/2017	<0.0005 (D)	
7/27/2017	<0.0005	
8/9/2017	<0.0005	
9/29/2017	<0.0005 (D)	
3/16/2018	<0.0005	
9/14/2018	4.1E-05 (J)	
3/14/2019	<0.0005	
3/9/2020	<0.0005	
9/16/2020	<0.0005	
3/16/2021	<0.0005	
8/6/2021	<0.0005	
2/2/2022	<0.0005	
8/16/2022	<0.0005	
2/14/2023	<0.0005	
7/25/2023	<0.0005	
2/19/2024		<0.0005
8/1/2024		<0.0005
2/26/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39Z	GWA-39Z
3/14/2016	<0.0005	
5/11/2016	<0.0005	
7/19/2016	<0.0005	
9/15/2016	<0.0005	
11/2/2016	<0.0005	
1/18/2017	<0.0005	
3/28/2017	<0.0005	
6/7/2017	<0.0005	
9/26/2017	<0.0005	
3/14/2018	<0.0005	
9/12/2018	<0.0005	
3/15/2019	<0.0005	
9/9/2019	<0.0005	
3/9/2020	<0.0005	
9/10/2020	<0.0005	
3/12/2021	<0.0005	
8/4/2021	0.00012 (J)	
1/31/2022	<0.0005	
8/10/2022	<0.0005	
2/13/2023	<0.0005	
7/26/2023	<0.0005	
2/19/2024		<0.0005
8/1/2024		<0.0005
2/25/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	<0.0005	
11/2/2007	<0.0005	
11/18/2007	<0.0005	
1/31/2008	<0.0005	
3/11/2008	<0.0005	
5/14/2008	<0.0005	
12/5/2008	<0.0005	
4/15/2009	<0.0005	
10/8/2009	<0.0005	
4/28/2010	<0.0005	
10/6/2010	<0.0005	
4/21/2011	<0.0005	
10/13/2011	<0.0005	
5/1/2012	<0.0005	
10/9/2012	<0.0005	
4/11/2013	<0.0005	
10/16/2013	<0.0005	
4/23/2014	<0.0005	
10/4/2014	<0.0005	
3/31/2015	<0.0005	
10/12/2015	<0.0005	
3/23/2016	<0.0005	
5/23/2016	<0.0005	
7/29/2016	<0.0005	
9/22/2016	<0.0005	
11/10/2016	<0.0005	
1/31/2017	<0.0005	
3/30/2017	<0.0005	
6/12/2017	<0.0005	
10/4/2017	<0.0005	
3/19/2018	<0.0005	
9/17/2018	<0.0005	
3/20/2019	<0.0005	
9/13/2019	<0.0005	
3/11/2020	<0.0005	
3/29/2021	<0.0005	
8/9/2021	<0.0005	
2/2/2022	<0.0005	
8/16/2022	<0.0005	
2/17/2023	0.00013 (J)	
8/1/2023	<0.0005	
2/22/2024		<0.0005
8/8/2024		<0.0005
2/26/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-40	GWA-40
3/15/2016	<0.0005	
5/11/2016	<0.0005	
7/21/2016	<0.0005	
9/15/2016	<0.0005	
11/3/2016	<0.0005	
1/17/2017	<0.0005	
3/24/2017	<0.0005	
5/24/2017	<0.0005	
9/26/2017	<0.0005	
3/14/2018	<0.0005	
9/12/2018	3.8E-05 (J)	
3/13/2019	<0.0005	
9/9/2019	<0.0005	
3/9/2020	<0.0005	
9/11/2020	<0.0005	
3/10/2021	<0.0005	
8/4/2021	9.4E-05 (J)	
1/31/2022	<0.0005	
8/12/2022	<0.0005	
2/13/2023	<0.0005	
7/26/2023	<0.0005	
2/19/2024		<0.0005
8/1/2024		<0.0005
2/25/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41	GWA-41
3/15/2016	<0.0005	
5/12/2016	<0.0005	
7/20/2016	<0.0005	
9/15/2016	<0.0005	
11/3/2016	<0.0005	
1/18/2017	<0.0005	
3/24/2017	<0.0005	
6/6/2017	<0.0005	
9/25/2017	<0.0005	
3/14/2018	<0.0005	
9/12/2018	<0.0005	
3/14/2019	<0.0005	
9/10/2019	<0.0005 (D)	
3/6/2020	<0.0005	
9/10/2020	<0.0005	
3/11/2021	<0.0005	
8/4/2021	9E-05 (J)	
1/31/2022	<0.0005	
8/11/2022	<0.0005	
2/13/2023	0.00017 (J)	
7/25/2023	<0.0005	
2/19/2024		<0.0005
8/1/2024		<0.0005
2/25/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R	GWA-41R
3/15/2016	<0.0005	
5/13/2016	<0.0005	
7/21/2016	<0.0005	
9/21/2016	<0.0005	
11/3/2016	<0.0005	
1/17/2017	<0.0005	
3/27/2017	<0.0005	
6/6/2017	<0.0005	
9/25/2017	<0.0005	
3/14/2018	<0.0005	
9/12/2018	<0.0005	
3/14/2019	<0.0005	
9/10/2019	<0.0005	
3/9/2020	<0.0005	
9/10/2020	<0.0005	
3/10/2021	<0.0005	
8/4/2021	9.4E-05 (J)	
1/31/2022	<0.0005	
8/11/2022	<0.0005	
2/13/2023	0.00013 (J)	
7/25/2023	<0.0005	
2/19/2024		<0.0005
8/1/2024		<0.0005
2/25/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	<0.0005	
5/16/2016	<0.0005	
7/22/2016	<0.0005	
9/19/2016	<0.0005	
11/3/2016	<0.0005	
1/17/2017	<0.0005	
3/27/2017	<0.0005	
6/7/2017	<0.0005	
9/26/2017	<0.0005	
3/14/2018	<0.0005	
9/14/2018	3.8E-05 (J)	
3/14/2019	<0.0005	
9/10/2019	<0.0005	
3/6/2020	<0.0005	
9/10/2020	<0.0005	
3/11/2021	<0.0005	
8/4/2021	8E-05 (J)	
1/31/2022	<0.0005	
8/10/2022	<0.0005	
2/13/2023	0.00014 (J)	
7/26/2023	<0.0005	
2/20/2024		<0.0005
8/1/2024		<0.0005
2/25/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43R	GWA-43R
3/11/2016	<0.0005	
5/13/2016	<0.0005	
7/19/2016	<0.0005	
9/16/2016	<0.0005	
11/2/2016	<0.0005	
1/18/2017	<0.0005	
3/28/2017	<0.0005	
6/6/2017	<0.0005	
9/22/2017	<0.0005	
3/15/2018	<0.0005	
9/12/2018	3.9E-05 (J)	
3/13/2019	<0.0005	
9/11/2019	<0.0005	
3/9/2020	<0.0005	
9/14/2020	<0.0005	
3/11/2021	<0.0005	
8/5/2021	9.6E-05 (J)	
1/31/2022	<0.0005	
8/10/2022	<0.0005	
2/13/2023	<0.0005	
7/25/2023	<0.0005	
2/20/2024		<0.0005
8/2/2024		<0.0005
2/25/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ	GWA-4RZ
2/22/2017	<0.0005	
4/7/2017	<0.0005	
6/14/2017	0.000286 (JD)	
7/12/2017	<0.0005 (D)	
7/20/2017	<0.0005 (D)	
7/28/2017	<0.0005	
8/9/2017	<0.0005	
8/24/2017	<0.0005	
10/3/2017	<0.0005 (D)	
3/21/2018	<0.0005	
9/18/2018	<0.0005	
3/21/2019	<0.0005 (D)	
9/12/2019	<0.0005 (D)	
3/12/2020	<0.0005	
9/17/2020	<0.0005	
3/16/2021	<0.0005	
8/10/2021	<0.0005	
2/3/2022	<0.0005	
8/17/2022	<0.0005	
2/17/2023	<0.0005	
7/28/2023	<0.0005	
2/27/2024		<0.0005
8/8/2024		<0.0005
2/28/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50	GWA-50
12/12/2008	<0.0005	
4/23/2009	<0.0005	
10/6/2009	<0.0005	
4/27/2010	<0.0005	
9/30/2010	<0.0005	
4/14/2011	<0.0005	
10/5/2011	<0.0005	
4/11/2012	<0.0005	
10/2/2012	<0.0005	
4/9/2013	<0.0005	
10/15/2013	<0.0005	
4/10/2014	<0.0005	
10/1/2014	<0.0005	
3/30/2015	2.02E-05 (J)	
10/11/2015	<0.0005	
3/28/2016	<0.0005	
5/23/2016	<0.0005	
8/1/2016	<0.0005	
9/26/2016	<0.0005	
11/10/2016	<0.0005	
1/30/2017	<0.0005	
4/7/2017	<0.0005	
6/12/2017	<0.0005	
10/2/2017	<0.0005	
3/16/2018	<0.0005	
9/17/2018	<0.0005	
3/19/2019	<0.0005	
9/13/2019	<0.0005	
3/11/2020	<0.0005	
9/16/2020	<0.0005	
3/17/2021	<0.0005	
8/9/2021	<0.0005	
2/1/2022	<0.0005	
8/16/2022	<0.0005	
2/16/2023	<0.0005	
7/28/2023	<0.0005	
2/22/2024		<0.0005
8/8/2024		<0.0005
2/27/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-16R	GWC-16R
9/16/2014	2.69E-05 (J)	
10/4/2014	<0.0005	
10/21/2014	3.18E-05 (J)	
11/11/2014	<0.0005	
3/3/2015	<0.0005	
3/18/2015	<0.0005	
4/6/2015	<0.0005	
4/23/2015	<0.0005	
7/29/2015	<0.0005	
3/3/2016	<0.0005	
5/10/2016	<0.0005	
7/13/2016	<0.0005	
9/15/2016	<0.0005	
11/2/2016	<0.0005	
1/11/2017	<0.0005	
3/20/2017	<0.0005	
5/23/2017	<0.0005	
9/21/2017	<0.0005	
3/14/2018	<0.0005	
9/7/2018	<0.0005	
3/11/2019	<0.0005	
9/9/2019	<0.0005	
3/4/2020	<0.0005	
9/9/2020	<0.0005	
3/9/2021	<0.0005	
7/30/2021	<0.0005	
1/28/2022	<0.0005	
8/11/2022	<0.0005	
2/10/2023	<0.0005	
8/4/2023	<0.0005	
2/15/2024		<0.0005
7/31/2024		<0.0005
2/25/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-17R	GWC-17R
9/17/2014	2.97E-05 (J)	
10/4/2014	<0.0005	
10/21/2014	5.02E-05 (J)	
11/11/2014	3.66E-05 (J)	
3/3/2015	<0.0005	
3/18/2015	<0.0005	
4/6/2015	<0.0005	
4/23/2015	<0.0005	
7/29/2015	<0.0005	
3/4/2016	<0.0005	
5/10/2016	<0.0005	
7/14/2016	<0.0005	
9/14/2016	<0.0005	
11/1/2016	<0.0005	
1/11/2017	<0.0005	
3/21/2017	<0.0005	
5/23/2017	<0.0005	
9/22/2017	<0.0005	
3/14/2018	<0.0005	
9/11/2018	<0.0005	
3/12/2019	<0.0005	
9/10/2019	<0.0005	
3/5/2020	<0.0005	
9/9/2020	<0.0005	
3/10/2021	<0.0005	
7/30/2021	<0.0005	
1/28/2022	<0.0005	
8/11/2022	<0.0005	
2/10/2023	<0.0005	
8/3/2023	<0.0005	
2/15/2024		<0.0005
7/31/2024		<0.0005
2/25/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
9/17/2014	4.24E-05 (J)	
10/4/2014	2.5E-05 (J)	
10/21/2014	6.4E-05 (J)	
11/5/2014	7.02E-05 (J)	
3/3/2015	<0.0005	
3/18/2015	<0.0005	
4/7/2015	<0.0005	
4/23/2015	<0.0005	
7/29/2015	3.14E-05 (J)	
3/7/2016	<0.0005	
5/5/2016	<0.0005	
7/13/2016	<0.0005	
9/13/2016	<0.0005	
10/31/2016	<0.0005	
1/12/2017	<0.0005	
3/23/2017	<0.0005	
5/23/2017	<0.0005	
9/25/2017	<0.0005	
3/14/2018	<0.0005	
9/11/2018	<0.0005	
3/12/2019	<0.0005	
9/9/2019	<0.0005	
3/6/2020	<0.0005	
9/9/2020	<0.0005	
2/26/2021	<0.0005	
7/29/2021	<0.0005	
1/28/2022	<0.0005	
8/10/2022	<0.0005	
2/9/2023	<0.0005	
8/3/2023	<0.0005	
2/14/2024		<0.0005
7/31/2024		<0.0005
2/20/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18R	GWC-18R
9/17/2014	3.5E-05 (J)	
10/4/2014	<0.0005	
10/21/2014	5.35E-05 (J)	
11/11/2014	4.64E-05 (J)	
3/3/2015	<0.0005	
3/18/2015	<0.0005	
4/7/2015	<0.0005	
4/23/2015	<0.0005	
7/29/2015	<0.0005	
3/7/2016	<0.0005	
5/5/2016	<0.0005	
7/13/2016	<0.0005	
9/12/2016	<0.0005	
11/1/2016	<0.0005	
1/11/2017	<0.0005	
3/20/2017	<0.0005	
5/22/2017	<0.0005	
9/21/2017	<0.0005	
3/14/2018	<0.0005	
9/7/2018	<0.0005	
3/12/2019	<0.0005	
9/6/2019	<0.0005	
3/5/2020	<0.0005	
9/9/2020	<0.0005	
2/26/2021	<0.0005	
7/29/2021	<0.0005	
1/27/2022	<0.0005	
8/10/2022	<0.0005	
2/9/2023	<0.0005	
8/4/2023	<0.0005	
2/14/2024		<0.0005
7/31/2024		<0.0005
2/19/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-19R	GWC-19R
9/17/2014	4.15E-05 (J)	
10/4/2014	<0.0005	
10/21/2014	5.89E-05 (J)	
11/5/2014	7.28E-05 (J)	
3/3/2015	<0.0005	
3/19/2015	<0.0005	
4/7/2015	<0.0005	
4/24/2015	<0.0005	
7/29/2015	<0.0005	
3/7/2016	<0.0005	
5/9/2016	<0.0005	
7/14/2016	<0.0005	
9/12/2016	<0.0005	
10/31/2016	<0.0005	
1/11/2017	<0.0005	
3/21/2017	<0.0005	
5/22/2017	<0.0005	
9/20/2017	<0.0005	
3/14/2018	<0.0005	
9/10/2018	<0.0005	
3/12/2019	<0.0005	
9/9/2019	<0.0005	
3/4/2020	<0.0005	
9/9/2020	<0.0005	
2/26/2021	<0.0005	
8/5/2021	9.4E-05 (J)	
1/27/2022	<0.0005	
8/9/2022	<0.0005	
2/9/2023	<0.0005	
8/4/2023	<0.0005	
2/14/2024		<0.0005
7/31/2024		<0.0005
2/20/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-20R
9/18/2014	5.34E-05 (J)	
10/5/2014	<0.0005	
10/22/2014	4.88E-05 (J)	
11/5/2014	2.85E-05 (J)	
3/4/2015	<0.0005	
3/19/2015	<0.0005	
4/7/2015	<0.0005	
4/24/2015	<0.0005	
7/30/2015	<0.0005	
3/8/2016	<0.0005	
5/9/2016	<0.0005	
7/14/2016	<0.0005	
9/12/2016	<0.0005	
10/31/2016	<0.0005	
1/12/2017	<0.0005	
3/22/2017	<0.0005	
5/22/2017	<0.0005	
9/19/2017	<0.0005	
3/14/2018	<0.0005	
9/10/2018	<0.0005	
3/12/2019	<0.0005	
9/6/2019	<0.0005	
3/5/2020	<0.0005	
9/4/2020	<0.0005	
3/9/2021	<0.0005	
8/2/2021	<0.0005	
1/27/2022	<0.0005	
8/9/2022	<0.0005	
2/10/2023	<0.0005	
8/3/2023	<0.0005	
2/15/2024		<0.0005
8/1/2024		<0.0005
2/20/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.0005	
10/5/2014	<0.0005	
10/22/2014	2.57E-05 (J)	
11/5/2014	<0.0005	
3/4/2015	<0.0005	
3/19/2015	<0.0005	
4/8/2015	<0.0005	
4/24/2015	<0.0005	
7/30/2015	<0.0005	
3/8/2016	<0.0005	
5/9/2016	<0.0005	
7/15/2016	<0.0005	
9/9/2016	<0.0005	
10/27/2016	<0.0005	
1/12/2017	<0.0005	
3/21/2017	<0.0005	
5/23/2017	<0.0005	
9/19/2017	<0.0005	
3/14/2018	<0.0005	
9/10/2018	<0.0005	
3/11/2019	<0.0005	
9/6/2019	<0.0005	
3/3/2020	<0.0005	
9/8/2020	<0.0005	
3/9/2021	<0.0005	
8/2/2021	<0.0005	
1/28/2022	<0.0005	
8/10/2022	<0.0005	
2/9/2023	<0.0005	
8/4/2023	<0.0005	
2/15/2024		<0.0005
8/2/2024		<0.0005
2/25/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-22R
9/18/2014	2.54E-05 (J)	
10/5/2014	<0.0005	
10/22/2014	2.83E-05 (J)	
11/5/2014	0.0002	
3/4/2015	<0.0005	
3/19/2015	<0.0005	
4/8/2015	<0.0005	
4/24/2015	<0.0005	
7/30/2015	<0.0005	
3/7/2016	<0.0005	
5/5/2016	<0.0005	
7/14/2016	<0.0005	
9/12/2016	<0.0005	
10/27/2016	<0.0005	
1/13/2017	<0.0005	
3/20/2017	<0.0005	
5/23/2017	<0.0005	
9/19/2017	<0.0005	
3/13/2018	<0.0005	
9/7/2018	<0.0005	
3/11/2019	<0.0005	
9/5/2019	<0.0005	
3/3/2020	<0.0005	
9/8/2020	<0.0005	
3/9/2021	<0.0005	
8/2/2021	<0.0005	
1/27/2022	<0.0005	
8/10/2022	<0.0005	
2/9/2023	<0.0005	
8/3/2023	<0.0005	
2/15/2024		<0.0005
7/31/2024		<0.0005
2/20/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-23R	GWC-23R
9/18/2014	2.82E-05 (J)	
10/5/2014	<0.0005	
10/22/2014	<0.0005	
11/5/2014	4.83E-05 (J)	
3/4/2015	<0.0005	
3/20/2015	<0.0005	
4/8/2015	<0.0005	
4/23/2015	<0.0005	
7/30/2015	<0.0005	
3/9/2016	<0.0005	
5/6/2016	<0.0005	
7/15/2016	<0.0005	
9/14/2016	<0.0005	
11/1/2016	<0.0005	
1/25/2017	<0.0005	
3/22/2017	<0.0005	
5/24/2017	<0.0005	
9/21/2017	<0.0005	
3/14/2018	<0.0005	
9/11/2018	<0.0005	
3/12/2019	<0.0005	
9/6/2019	<0.0005	
3/5/2020	<0.0005	
9/9/2020	<0.0005	
3/10/2021	<0.0005	
7/30/2021	<0.0005	
1/28/2022	<0.0005	
8/11/2022	<0.0005	
2/10/2023	<0.0005	
8/3/2023	<0.0005	
2/16/2024		<0.0005
7/31/2024		<0.0005
2/25/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-24R	GWC-24R
9/16/2014	2.81E-05 (J)	
10/4/2014	<0.0005	
10/23/2014	<0.0005	
11/10/2014	5.15E-05 (J)	
3/4/2015	<0.0005	
3/20/2015	<0.0005	
4/8/2015	<0.0005	
4/23/2015	<0.0005	
7/30/2015	<0.0005	
3/4/2016	<0.0005	
5/5/2016	<0.0005	
7/12/2016	<0.0005	
9/13/2016	<0.0005	
10/27/2016	<0.0005	
1/13/2017	<0.0005	
3/20/2017	<0.0005	
5/19/2017	<0.0005	
9/19/2017	<0.0005	
3/13/2018	<0.0005	
9/11/2018	<0.0005	
3/8/2019	<0.0005	
9/5/2019	<0.0005	
3/3/2020	<0.0005	
9/9/2020	<0.0005	
3/9/2021	<0.0005	
7/29/2021	<0.0005	
1/28/2022	<0.0005	
8/9/2022	<0.0005	
2/9/2023	<0.0005	
8/3/2023	<0.0005	
2/15/2024		<0.0005
7/31/2024		<0.0005
2/24/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-25R	GWC-25R
9/16/2014	3.13E-05 (J)	
10/4/2014	<0.0005	
10/23/2014	4.6E-05 (J)	
11/10/2014	2.5E-05 (J)	
3/4/2015	<0.0005	
3/20/2015	<0.0005	
4/9/2015	<0.0005	
4/23/2015	<0.0005	
7/30/2015	<0.0005	
3/8/2016	<0.0005	
5/4/2016	<0.0005	
7/18/2016	<0.0005	
9/13/2016	<0.0005	
10/27/2016	<0.0005	
1/13/2017	<0.0005	
3/16/2017	<0.0005	
5/19/2017	<0.0005	
9/19/2017	<0.0005	
3/13/2018	<0.0005	
9/11/2018	<0.0005	
3/8/2019	<0.0005	
9/5/2019	<0.0005	
3/3/2020	<0.0005	
9/4/2020	<0.0005	
3/9/2021	<0.0005	
8/2/2021	<0.0005	
1/27/2022	<0.0005	
8/9/2022	<0.0005	
2/9/2023	<0.0005	
8/3/2023	<0.0005	
2/16/2024		<0.0005
7/31/2024		<0.0005
2/25/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
9/15/2014	0.000172 (J)	
10/3/2014	<0.0005	
10/20/2014	<0.0005	
11/10/2014	3.84E-05 (J)	
3/2/2015	<0.0005	
3/17/2015	<0.0005	
4/5/2015	<0.0005	
4/21/2015	2.39E-05 (J)	
7/28/2015	5.2E-05 (J)	
3/1/2016	<0.0005	
5/2/2016	<0.0005	
7/6/2016	<0.0005	
9/7/2016	<0.0005	
10/25/2016	<0.0005	
1/5/2017	<0.0005	
3/14/2017	<0.0005	
5/16/2017	<0.0005	
9/15/2017	<0.0005	
3/12/2018	<0.0005	
9/6/2018	<0.0005	
3/7/2019	<0.0005	
9/4/2019	<0.0005	
3/2/2020	<0.0005	
9/14/2020	<0.0005	
3/26/2021	<0.0005	
7/27/2021	<0.0005	
1/26/2022	<0.0005	
8/8/2022	<0.0005	
2/8/2023	<0.0005	
8/3/2023	<0.0005	
2/13/2024		<0.0005
7/30/2024		<0.0005
2/19/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-37	GWC-37
9/16/2014	4.23E-05 (J)	
10/3/2014	<0.0005	
10/20/2014	3.87E-05 (J)	
11/10/2014	3.34E-05 (J)	
3/2/2015	<0.0005	
3/17/2015	<0.0005	
4/5/2015	<0.0005	
4/22/2015	<0.0005	
7/28/2015	<0.0005	
3/1/2016	<0.0005	
5/3/2016	<0.0005	
7/8/2016	<0.0005	
9/7/2016	<0.0005	
10/25/2016	<0.0005	
1/6/2017	<0.0005	
3/14/2017	<0.0005	
5/16/2017	<0.0005	
9/15/2017	<0.0005	
3/12/2018	<0.0005	
9/6/2018	<0.0005	
3/6/2019	<0.0005	
9/4/2019	<0.0005	
3/2/2020	<0.0005	
9/3/2020	<0.0005	
2/24/2021	9.1E-05 (J)	
7/28/2021	<0.0005	
1/26/2022	<0.0005	
8/8/2022	<0.0005	
2/8/2023	<0.0005	
8/2/2023	<0.0005	
2/13/2024		<0.0005
7/30/2024		<0.0005
2/19/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-38	GWC-38
9/16/2014	2.75E-05 (J)	
10/3/2014	<0.0005	
10/20/2014	4.07E-05 (J)	
11/10/2014	6.86E-05 (J)	
3/2/2015	3.07E-05 (J)	
3/17/2015	<0.0005	
4/6/2015	<0.0005	
4/22/2015	<0.0005	
7/28/2015	<0.0005	
3/2/2016	<0.0005	
5/3/2016	<0.0005	
7/7/2016	<0.0005	
9/8/2016	<0.0005	
10/25/2016	<0.0005	
2/9/2017	<0.0005	
3/23/2017	<0.0005	
5/17/2017	<0.0005	
9/19/2017	<0.0005	
3/13/2018	<0.0005	
9/6/2018	<0.0005	
3/7/2019	<0.0005	
9/4/2019	<0.0005	
3/2/2020	<0.0005	
9/3/2020	<0.0005	
2/24/2021	0.00013 (J)	
7/28/2021	<0.0005	
1/25/2022	<0.0005	
8/5/2022	<0.0005	
2/8/2023	<0.0005	
8/2/2023	<0.0005	
2/13/2024		<0.0005
7/30/2024		<0.0005
2/19/2025		<0.0005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1	GWA-1
8/23/2007	<0.005	
10/23/2007	0.0096	
11/18/2007	0.023	
1/30/2008	0.11 (O)	
3/10/2008	0.024	
5/13/2008	0.006	
12/5/2008	<0.005	
4/15/2009	<0.005	
10/7/2009	0.0096	
5/3/2010	<0.005	
10/12/2010	<0.005	
4/27/2011	<0.005	
10/17/2011	<0.005	
5/2/2012	<0.005	
10/8/2012	<0.005	
4/12/2013	<0.005	
10/16/2013	<0.005	
4/11/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	0.004	
10/13/2015	<0.005	
3/22/2016	<0.005	
7/29/2016	<0.005	
3/30/2017	0.0004 (J)	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/17/2018	<0.005 (D)	
3/20/2019	<0.005	
9/12/2019	0.00038 (J)	
3/11/2020	0.00068 (J)	
9/15/2020	<0.005	
3/16/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2	GWA-2
8/23/2007	<0.005	
10/24/2007	0.026 (O)	
11/18/2007	0.043 (O)	
1/31/2008	0.0075	
3/11/2008	0.019	
5/6/2008	0.004	
12/4/2008	0.02	
4/21/2009	<0.005	
10/7/2009	<0.005	
4/26/2010	<0.005	
10/4/2010	0.0025	
4/13/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/9/2012	<0.005	
4/15/2013	<0.005	
10/15/2013	0.0028	
4/22/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	0.0018 (J)	
10/13/2015	<0.005	
3/23/2016	<0.005	
7/29/2016	<0.005	
3/30/2017	0.0006 (J)	
10/2/2017	<0.005	
3/19/2018	<0.005	
9/14/2018	<0.005	
3/20/2019	<0.005	
9/12/2019	0.00518 (JD)	
3/11/2020	0.0014 (J)	
9/15/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/22/2024		<0.005
8/7/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2R	GWA-2R
8/23/2007	<0.005	
10/24/2007	0.0025	
11/18/2007	0.0093	
1/31/2008	0.054 (O)	
3/10/2008	0.0054	
5/13/2008	0.0043	
12/4/2008	<0.005	
4/21/2009	<0.005	
10/8/2009	<0.005	
4/21/2010	<0.005	
9/28/2010	<0.005	
4/12/2011	<0.005	
10/4/2011	<0.005	
4/3/2012	<0.005	
10/9/2012	<0.005	
4/11/2013	<0.005	
10/16/2013	<0.005	
4/10/2014	<0.005	
9/30/2014	<0.005	
3/30/2015	<0.005	
10/13/2015	<0.005	
3/23/2016	<0.005	
7/29/2016	<0.005	
4/3/2017	<0.005	
10/2/2017	<0.005	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	<0.005	
3/11/2020	0.002 (J)	
9/15/2020	0.0013 (J)	
3/16/2021	<0.005	
8/9/2021	0.00081 (J)	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/27/2023	<0.005	
2/26/2024		<0.005
8/6/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	0.0136 (D)	
7/27/2016	0.0224 (D)	
2/21/2017	0.0007 (J)	
3/27/2017	<0.005 (D)	
9/29/2017	<0.005 (D)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	0.0017 (J)	
3/9/2020	0.00083 (J)	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/6/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39Z	GWA-39Z
3/14/2016	0.00544 (J)	
5/11/2016	0.0149	
7/19/2016	0.0044 (J)	
9/15/2016	0.0047 (J)	
11/2/2016	0.0025 (J)	
1/18/2017	0.004 (J)	
3/28/2017	0.0034 (J)	
9/26/2017	0.0016 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/15/2019	<0.005	
9/9/2019	0.0014 (J)	
3/9/2020	0.04 (O)	
9/10/2020	<0.005	
3/12/2021	0.0015 (J)	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	0.00095 (J)	
7/26/2023	0.0013 (J)	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	0.028	
11/2/2007	0.041	
11/18/2007	0.14 (O)	
1/31/2008	0.053	
3/11/2008	0.076 (O)	
5/14/2008	0.074 (O)	
12/5/2008	0.032	
4/15/2009	0.028	
10/8/2009	0.032	
4/28/2010	0.029	
10/6/2010	0.031	
4/21/2011	0.019	
10/13/2011	0.028	
5/1/2012	0.0253	
10/9/2012	0.023	
4/11/2013	0.021	
10/16/2013	0.018	
4/23/2014	0.015	
10/4/2014	0.017	
3/31/2015	0.045	
10/12/2015	0.019	
3/23/2016	0.019	
7/29/2016	0.0161	
3/30/2017	0.018	
10/4/2017	0.0158	
3/19/2018	0.015	
9/17/2018	0.014	
3/20/2019	0.01	
9/13/2019	0.012	
3/11/2020	0.012	
3/29/2021	<0.005	
8/9/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/17/2023	<0.005	
8/1/2023	<0.005	
2/22/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41	GWA-41
3/15/2016	<0.005	
5/12/2016	<0.005	
7/20/2016	0.0006 (J)	
9/15/2016	0.0009 (J)	
11/3/2016	0.0011 (J)	
1/18/2017	0.0007 (J)	
3/24/2017	<0.005 (*)	
9/25/2017	<0.005	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/14/2019	<0.005	
9/10/2019	0.0004 (JD)	
3/6/2020	0.0089 (J)	
9/10/2020	<0.005	
3/11/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	<0.005	
8/11/2022	0.00083 (J)	
2/13/2023	<0.005	
7/25/2023	0.00073 (J)	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R	GWA-41R
3/15/2016	<0.005	
5/13/2016	<0.005	
7/21/2016	0.0009 (J)	
9/21/2016	<0.005	
11/3/2016	<0.005	
1/17/2017	<0.005	
3/27/2017	<0.005 (*)	
9/25/2017	0.0012 (J)	
3/14/2018	0.0014 (J)	
9/12/2018	0.0011 (J)	
3/14/2019	0.001 (J)	
9/10/2019	0.00084 (J)	
3/9/2020	0.00036 (J)	
9/10/2020	<0.005	
3/10/2021	<0.005	
8/4/2021	<0.005	
1/31/2022	0.00091 (J)	
8/11/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/25/2025		0.0016 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	<0.005	
5/16/2016	0.00233 (J)	
7/22/2016	0.0014 (J)	
9/19/2016	0.0014 (J)	
11/3/2016	0.0013 (J)	
1/17/2017	0.0011 (J)	
3/27/2017	<0.005 (*)	
9/26/2017	0.0011 (J)	
3/14/2018	0.0012 (J)	
9/14/2018	0.0012 (J)	
3/14/2019	0.0015 (J)	
9/10/2019	0.0012 (J)	
3/6/2020	0.0015 (J)	
9/10/2020	0.0011 (J)	
3/11/2021	0.0011 (J)	
8/4/2021	0.0011 (J)	
1/31/2022	0.0011 (J)	
8/10/2022	0.0016 (J)	
2/13/2023	0.0013 (J)	
7/26/2023	0.0015 (J)	
2/20/2024		<0.005
8/1/2024		<0.005
2/25/2025		0.0015 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	0.00288 (J)	
5/13/2016	<0.005	
7/19/2016	0.0006 (J)	
9/16/2016	0.0008 (J)	
11/2/2016	0.0007 (J)	
1/18/2017	0.0006 (J)	
3/28/2017	<0.005 (*)	
9/22/2017	0.0007 (J)	
3/14/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	0.00082 (J)	
3/9/2020	0.00082 (J)	
9/11/2020	0.00089 (J)	
3/11/2021	<0.005	
8/6/2021	0.00084 (J)	
1/31/2022	0.00077 (J)	
8/11/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43R	GWA-43R
3/11/2016	<0.005	
5/13/2016	<0.005	
7/19/2016	<0.005	
9/16/2016	<0.005	
11/2/2016	<0.005	
1/18/2017	0.0006 (J)	
3/28/2017	<0.005 (*)	
9/22/2017	<0.005	
3/15/2018	<0.005	
9/12/2018	<0.005	
3/13/2019	<0.005	
9/11/2019	<0.005	
3/9/2020	<0.005	
9/14/2020	<0.005	
3/11/2021	<0.005	
8/5/2021	<0.005	
1/31/2022	<0.005	
8/10/2022	<0.005	
2/13/2023	<0.005	
7/25/2023	<0.005	
2/20/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ	GWA-4RZ
4/7/2017	<0.005	
10/3/2017	<0.005 (D)	
3/21/2018	<0.005	
9/18/2018	<0.005	
3/21/2019	<0.005 (D)	
9/12/2019	0.00032 (JD)	
3/12/2020	0.00034 (J)	
9/17/2020	<0.005	
3/16/2021	<0.005	
8/10/2021	<0.005	
2/3/2022	<0.005	
8/17/2022	<0.005	
2/17/2023	<0.005	
7/28/2023	<0.005	
2/27/2024		<0.005
8/8/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50	GWA-50
12/12/2008	0.0035	
4/23/2009	0.0032	
10/6/2009	<0.005	
4/27/2010	<0.005	
9/30/2010	<0.005	
4/14/2011	0.0028	
10/5/2011	0.0028	
4/11/2012	<0.005	
10/2/2012	0.0026	
4/9/2013	<0.005	
10/15/2013	<0.005	
4/10/2014	0.0025 (J)	
10/1/2014	<0.005	
3/30/2015	0.0015 (J)	
10/11/2015	0.0013 (J)	
3/28/2016	<0.005	
8/1/2016	<0.005	
4/7/2017	0.0011 (J)	
10/2/2017	0.0013 (J)	
3/16/2018	<0.005	
9/17/2018	0.00096 (J)	
3/19/2019	<0.005	
9/13/2019	0.00063 (J)	
3/11/2020	0.00084 (J)	
9/16/2020	<0.005	
3/17/2021	<0.005	
8/9/2021	0.00077 (J)	
2/1/2022	0.0008 (J)	
8/16/2022	0.00071 (J)	
2/16/2023	0.00082 (J)	
7/28/2023	0.00094 (J)	
2/22/2024		<0.005
8/8/2024		<0.005
2/27/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R	GWA-50R
12/12/2008	0.0096	
4/23/2009	0.015	
10/6/2009	0.008	
5/3/2010	0.0053	
10/11/2010	0.0061	
4/27/2011	0.0087	
10/19/2011	0.0039	
5/1/2012	0.0054	
10/2/2012	0.0044	
4/10/2013	0.0053	
10/16/2013	0.0047	
4/22/2014	0.0045	
10/1/2014	0.0018 (J)	
3/30/2015	0.0037	
10/11/2015	0.0018 (J)	
3/28/2016	0.0028 (J)	
8/1/2016	<0.005	
4/3/2017	0.0022 (J)	
10/2/2017	0.0021 (J)	
3/16/2018	0.0014 (J)	
9/18/2018	0.0012 (J)	
3/19/2019	0.0016 (J)	
9/12/2019	0.0015 (J)	
3/11/2020	0.001 (J)	
9/15/2020	0.0012 (J)	
3/17/2021	0.0012 (J)	
8/9/2021	0.00097 (J)	
2/2/2022	0.00089 (J)	
8/17/2022	0.0011 (J)	
2/16/2023	0.00081 (J)	
7/28/2023	0.00092 (J)	
2/22/2024		<0.005
8/8/2024		<0.005
2/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-16R	GWC-16R
9/16/2014	0.03	
10/4/2014	0.029	
10/21/2014	0.026	
11/11/2014	0.023	
3/3/2015	0.02	
3/18/2015	0.019	
4/6/2015	0.02	
4/23/2015	0.019	
7/29/2015	0.018	
3/3/2016	0.0111	
7/13/2016	0.0133	
3/20/2017	0.0111	
9/21/2017	0.0092 (J)	
3/14/2018	0.0094 (J)	
9/7/2018	0.0086 (J)	
3/11/2019	<0.01	
9/9/2019	0.0066 (J)	
3/4/2020	0.0032 (J)	
9/9/2020	0.0067 (J)	
3/9/2021	0.0053	
7/30/2021	0.0073	
1/28/2022	0.0063	
8/11/2022	0.0077	
2/10/2023	0.005	
8/4/2023	0.0091	
2/15/2024		0.0077
7/31/2024		0.0088
2/25/2025		0.0097

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/5/2014	0.0016 (J)	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/7/2015	0.0014 (J)	
4/23/2015	<0.005	
7/29/2015	0.0015 (J)	
3/7/2016	<0.005	
7/13/2016	0.0007 (J)	
3/23/2017	<0.005	
9/25/2017	0.0015 (J)	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/9/2019	<0.005	
3/6/2020	0.0005 (J)	
9/9/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/28/2022	<0.005	
8/10/2022	<0.005	
2/9/2023	<0.005	
8/3/2023	<0.005	
2/14/2024		<0.005
7/31/2024		<0.005
2/20/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-19R	GWC-19R
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/5/2014	<0.005	
3/3/2015	<0.005	
3/19/2015	<0.005	
4/7/2015	<0.005	
4/24/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
7/14/2016	<0.005	
3/21/2017	<0.005	
9/20/2017	0.0006 (J)	
3/14/2018	<0.005	
9/10/2018	<0.005	
3/12/2019	<0.005	
9/9/2019	<0.005	
3/4/2020	0.00071 (J)	
9/9/2020	<0.005	
2/26/2021	<0.005	
8/5/2021	<0.005	
1/27/2022	<0.005	
8/9/2022	<0.005	
2/9/2023	<0.005	
8/4/2023	<0.005	
2/14/2024		<0.005
7/31/2024		<0.005
2/20/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	0.0013 (J)	
11/5/2014	0.0013 (J)	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	0.0014 (J)	
4/24/2015	0.0014 (J)	
7/30/2015	<0.005	
3/8/2016	0.0261 (O)	
7/15/2016	0.0021 (J)	
3/21/2017	<0.005	
9/19/2017	0.0012 (J)	
3/14/2018	0.0014 (J)	
9/10/2018	0.002 (J)	
3/11/2019	<0.005	
9/6/2019	0.0028 (J)	
3/3/2020	0.00099 (J)	
9/8/2020	0.0014 (J)	
3/9/2021	0.00075 (J)	
8/2/2021	0.0015 (J)	
1/28/2022	0.0014 (J)	
8/10/2022	0.0014 (J)	
2/9/2023	0.0011 (J)	
8/4/2023	0.00098 (J)	
2/15/2024		<0.005
8/2/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/19/2015	<0.005	
4/8/2015	<0.005	
4/24/2015	<0.005	
7/30/2015	<0.005	
3/7/2016	<0.005	
7/14/2016	<0.005	
3/20/2017	<0.005	
9/19/2017	0.0011 (J)	
3/13/2018	<0.005	
9/7/2018	<0.005	
3/11/2019	<0.005	
9/5/2019	0.0011 (J)	
3/3/2020	0.001 (J)	
9/8/2020	0.00083 (J)	
3/9/2021	<0.005	
8/2/2021	<0.005	
1/27/2022	0.00076 (J)	
8/10/2022	<0.005	
2/9/2023	<0.005	
8/3/2023	<0.005	
2/15/2024		<0.005
7/31/2024		<0.005
2/20/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-23R	GWC-23R
9/18/2014	<0.005	
10/5/2014	<0.005	
10/22/2014	<0.005	
11/5/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/8/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/9/2016	<0.005	
7/15/2016	<0.005	
3/22/2017	<0.005	
9/21/2017	0.0012 (J)	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	0.00086 (J)	
3/5/2020	0.00075 (J)	
9/9/2020	<0.005	
3/10/2021	<0.005	
7/30/2021	<0.005	
1/28/2022	<0.005	
8/11/2022	<0.005	
2/10/2023	<0.005	
8/3/2023	0.0011 (J)	
2/16/2024		<0.005
7/31/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-24R	GWC-24R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/8/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/4/2016	<0.005	
7/12/2016	<0.005	
3/20/2017	0.0003 (J)	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	<0.005	
9/9/2020	<0.005	
3/9/2021	<0.005	
7/29/2021	<0.005	
1/28/2022	<0.005	
8/9/2022	<0.005	
2/9/2023	<0.005	
8/3/2023	<0.005	
2/15/2024		<0.005
7/31/2024		<0.005
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-25R	GWC-25R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/23/2014	<0.005	
11/10/2014	<0.005	
3/4/2015	<0.005	
3/20/2015	<0.005	
4/9/2015	<0.005	
4/23/2015	<0.005	
7/30/2015	<0.005	
3/8/2016	<0.005	
7/18/2016	<0.005	
3/16/2017	0.0012 (J)	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/11/2018	<0.005	
3/8/2019	<0.005	
9/5/2019	<0.005	
3/3/2020	<0.005	
9/4/2020	<0.005	
3/9/2021	<0.005	
8/2/2021	<0.005	
1/27/2022	<0.005	
8/9/2022	<0.005	
2/9/2023	<0.005	
8/3/2023	<0.005	
2/16/2024		<0.005
7/31/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
9/15/2014	0.01	
10/3/2014	<0.005	
10/20/2014	0.0043	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/5/2015	0.0016 (J)	
4/21/2015	0.0033	
7/28/2015	0.0032	
3/1/2016	<0.005	
7/6/2016	0.0007 (J)	
3/14/2017	0.0007 (J)	
9/15/2017	<0.005	
3/12/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005	
3/2/2020	0.00051 (J)	
9/14/2020	<0.005	
3/26/2021	<0.005	
7/27/2021	0.0017 (J)	
1/26/2022	<0.005	
8/8/2022	<0.005	
2/8/2023	<0.005	
8/3/2023	<0.005	
2/13/2024		<0.005
7/30/2024		<0.005
2/19/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-37	GWC-37
9/16/2014	0.018	
10/3/2014	0.022	
10/20/2014	0.022	
11/10/2014	0.018	
3/2/2015	0.016	
3/17/2015	0.015	
4/5/2015	0.016	
4/22/2015	0.016	
7/28/2015	0.018	
3/1/2016	0.0138	
7/8/2016	0.014	
3/14/2017	0.0087 (J)	
9/15/2017	0.0053 (J)	
3/12/2018	0.0054 (J)	
9/6/2018	0.0069 (J)	
3/6/2019	<0.005	
9/4/2019	0.0059 (J)	
3/2/2020	0.0079 (J)	
9/3/2020	0.0096 (J)	
2/24/2021	0.01	
7/28/2021	0.019	
1/26/2022	0.016	
8/8/2022	0.0097	
2/8/2023	0.012	
8/2/2023	0.013	
2/13/2024		<0.005
7/30/2024		0.011
2/19/2025		0.017

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-38	GWC-38
9/16/2014	0.0028	
10/3/2014	0.0036	
10/20/2014	0.0025	
11/10/2014	0.0026	
3/2/2015	0.017	
3/17/2015	0.0057	
4/6/2015	0.0022 (J)	
4/22/2015	0.0015 (J)	
7/28/2015	0.0015 (J)	
3/2/2016	<0.005	
7/7/2016	0.0014 (J)	
3/23/2017	<0.005	
9/19/2017	0.0011 (J)	
3/13/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	0.000825 (JD)	
3/2/2020	0.001 (J)	
9/3/2020	0.00089 (J)	
2/24/2021	0.00091 (J)	
7/28/2021	0.00096 (J)	
1/25/2022	0.00093 (J)	
8/5/2022	0.00085 (J)	
2/8/2023	0.00091 (J)	
8/2/2023	0.0009 (J)	
2/13/2024		<0.005
7/30/2024		<0.005
2/19/2025		0.0014 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2	GWA-2
8/23/2007	<0.01	
10/24/2007	<0.01	
11/18/2007	<0.01	
1/31/2008	<0.01	
3/11/2008	<0.01	
5/6/2008	<0.01	
12/4/2008	<0.01	
4/21/2009	<0.01	
10/7/2009	<0.01	
4/26/2010	<0.01	
10/4/2010	<0.01	
4/13/2011	<0.01	
10/5/2011	<0.01	
4/11/2012	<0.01	
10/9/2012	<0.01	
4/15/2013	<0.01	
10/15/2013	<0.01	
4/22/2014	<0.01	
9/30/2014	<0.01	
3/30/2015	<0.01	
10/13/2015	<0.01	
3/23/2016	<0.01	
5/20/2016	0.00216 (J)	
7/29/2016	0.001 (J)	
9/23/2016	<0.01	
11/9/2016	<0.01	
1/31/2017	<0.01	
3/30/2017	<0.01	
6/12/2017	<0.01	
10/2/2017	<0.01	
3/19/2018	0.0016 (J)	
9/14/2018	<0.01	
3/20/2019	<0.01	
9/12/2019	<0.01 (D)	
3/11/2020	0.0021 (J)	
9/15/2020	<0.01	
3/17/2021	0.0045 (J)	
8/9/2021	<0.01	
2/1/2022	<0.01	
8/16/2022	<0.01	
2/16/2023	0.0014 (J)	
7/27/2023	<0.01	
2/22/2024		<0.01
8/7/2024		<0.01
2/27/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2R	GWA-2R
8/23/2007	<0.01	
10/24/2007	<0.01	
11/18/2007	<0.01	
1/31/2008	<0.01	
3/10/2008	<0.01	
5/13/2008	<0.01	
12/4/2008	<0.01	
4/21/2009	<0.01	
10/8/2009	<0.01	
4/21/2010	<0.01	
9/28/2010	<0.01	
4/12/2011	<0.01	
10/4/2011	<0.01	
4/3/2012	<0.01	
10/9/2012	<0.01	
4/11/2013	<0.01	
10/16/2013	<0.01	
4/10/2014	<0.01	
9/30/2014	<0.01	
3/30/2015	<0.01	
10/13/2015	<0.01	
3/23/2016	<0.01	
5/19/2016	<0.01	
7/29/2016	<0.01	
9/22/2016	<0.01	
11/10/2016	<0.01	
1/31/2017	<0.01	
4/3/2017	<0.01	
6/9/2017	<0.01	
10/2/2017	<0.01	
3/16/2018	<0.01	
9/14/2018	<0.01	
3/19/2019	<0.01	
9/13/2019	<0.01	
3/11/2020	<0.01	
9/15/2020	<0.01	
3/16/2021	0.0021 (J)	
8/9/2021	<0.01	
2/1/2022	<0.01	
8/16/2022	<0.01	
2/16/2023	<0.01	
7/27/2023	<0.01	
2/26/2024		<0.01
8/6/2024		<0.01
2/27/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	0.00236 (J)	
5/13/2016	<0.01	
7/19/2016	<0.01	
9/16/2016	<0.01	
11/2/2016	<0.01	
1/18/2017	<0.01	
3/28/2017	<0.01	
6/6/2017	<0.01	
9/22/2017	<0.01	
3/14/2018	<0.01	
9/12/2018	<0.01	
3/13/2019	<0.01	
9/11/2019	<0.01	
3/9/2020	<0.01	
9/11/2020	<0.01	
3/11/2021	<0.01	
8/6/2021	<0.01	
1/31/2022	<0.01	
8/11/2022	<0.01	
2/14/2023	<0.01	
7/25/2023	<0.01	
2/20/2024		<0.01
8/2/2024		<0.01
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-23R	GWC-23R
9/18/2014	<0.01	
10/5/2014	<0.01	
10/22/2014	<0.01	
11/5/2014	<0.01	
3/4/2015	<0.01	
3/20/2015	<0.01	
4/8/2015	<0.01	
4/23/2015	<0.01	
7/30/2015	<0.01	
3/9/2016	<0.01	
5/6/2016	<0.01	
7/15/2016	<0.01	
9/14/2016	<0.01	
11/1/2016	<0.01	
1/25/2017	<0.01	
3/22/2017	<0.01	
5/24/2017	<0.01	
9/21/2017	<0.01	
3/14/2018	<0.01	
9/11/2018	<0.01	
3/12/2019	<0.01	
9/6/2019	<0.01	
3/5/2020	<0.01	
9/9/2020	0.0017 (J)	
3/10/2021	<0.01	
7/30/2021	<0.01	
1/28/2022	<0.01	
8/11/2022	<0.01	
2/10/2023	<0.01	
8/3/2023	<0.01	
2/16/2024		<0.01
7/31/2024		<0.01
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.005 (D)	
7/27/2016	0.0012 (JD)	
2/21/2017	<0.005	
3/27/2017	<0.005 (D)	
9/29/2017	<0.005 (D)	
3/16/2018	<0.005	
9/14/2018	<0.005	
3/14/2019	<0.005	
3/9/2020	<0.005	
9/16/2020	<0.005	
3/16/2021	<0.005	
8/6/2021	<0.005	
2/2/2022	<0.005	
8/16/2022	<0.005	
2/14/2023	<0.005	
7/25/2023	<0.005	
2/19/2024		<0.005
8/1/2024		<0.005
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50	GWA-50
12/12/2008	<0.005	
4/23/2009	<0.005	
10/6/2009	<0.005	
4/27/2010	<0.005	
9/30/2010	<0.005	
4/14/2011	<0.005	
10/5/2011	<0.005	
4/11/2012	<0.005	
10/2/2012	<0.005	
4/9/2013	<0.005	
10/15/2013	<0.005	
4/10/2014	0.0025 (J)	
10/1/2014	<0.005	
3/30/2015	<0.005	
10/11/2015	<0.005	
3/28/2016	<0.005	
8/1/2016	0.0004 (J)	
4/7/2017	0.0005 (J)	
10/2/2017	0.0006 (J)	
3/16/2018	<0.005	
9/17/2018	<0.005	
3/19/2019	<0.005	
9/13/2019	0.00045 (J)	
3/11/2020	0.00039 (J)	
9/16/2020	0.00042 (J)	
3/17/2021	0.00044 (J)	
8/9/2021	<0.005	
2/1/2022	<0.005	
8/16/2022	<0.005	
2/16/2023	<0.005	
7/28/2023	0.00044 (J)	
2/22/2024		0.00052 (J)
8/8/2024		0.00056 (J)
2/27/2025		0.00061 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R	GWA-50R
12/12/2008	<0.0025	
4/23/2009	<0.0025	
10/6/2009	0.0048	
5/3/2010	<0.0025	
10/11/2010	<0.0025	
4/27/2011	0.004	
10/19/2011	<0.0025	
5/1/2012	<0.0025	
10/2/2012	<0.0025	
4/10/2013	<0.0025	
10/16/2013	0.0034	
4/22/2014	0.0034	
10/1/2014	0.0012 (J)	
3/30/2015	0.003	
10/11/2015	0.0018 (J)	
3/28/2016	0.0022 (J)	
8/1/2016	0.0016 (J)	
4/3/2017	0.0022 (J)	
10/2/2017	0.0021 (J)	
3/16/2018	0.0023 (J)	
9/18/2018	0.0017 (J)	
3/19/2019	0.0017 (J)	
9/12/2019	0.0028 (J)	
3/11/2020	0.0013 (J)	
9/15/2020	0.0012 (J)	
3/17/2021	0.0026 (J)	
8/9/2021	0.0015 (J)	
2/2/2022	0.0012 (J)	
8/17/2022	0.0021 (J)	
2/16/2023	0.0011 (J)	
7/28/2023	0.00091 (J)	
2/22/2024		0.0013 (J)
8/8/2024		0.0011 (J)
2/28/2025		0.0016 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-16R	GWC-16R
9/16/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/11/2014	<0.005	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/6/2015	0.0013 (J)	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/3/2016	<0.005	
7/13/2016	<0.005	
3/20/2017	<0.005	
9/21/2017	<0.005	
3/14/2018	<0.005	
9/7/2018	<0.005	
3/11/2019	<0.005	
9/9/2019	<0.005	
3/4/2020	<0.005	
9/9/2020	<0.005	
3/9/2021	<0.005	
7/30/2021	<0.005	
1/28/2022	<0.005	
8/11/2022	<0.005	
2/10/2023	<0.005	
8/4/2023	<0.005	
2/15/2024		<0.005
7/31/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-17R	GWC-17R
9/17/2014	<0.005	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/11/2014	0.0007 (J)	
3/3/2015	0.00052 (J)	
3/18/2015	<0.005	
4/6/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/4/2016	<0.005	
7/14/2016	<0.005	
3/21/2017	<0.005	
9/22/2017	<0.005	
3/14/2018	<0.005	
9/11/2018	<0.005	
3/12/2019	<0.005	
9/10/2019	<0.005	
3/5/2020	<0.005	
9/9/2020	<0.005	
3/10/2021	<0.005	
7/30/2021	<0.005	
1/28/2022	<0.005	
8/11/2022	<0.005	
2/10/2023	<0.005	
8/3/2023	<0.005	
2/15/2024		<0.005
7/31/2024		<0.005
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18R	GWC-18R
9/17/2014	0.00058 (J)	
10/4/2014	<0.005	
10/21/2014	<0.005	
11/11/2014	<0.005	
3/3/2015	<0.005	
3/18/2015	<0.005	
4/7/2015	<0.005	
4/23/2015	<0.005	
7/29/2015	<0.005	
3/7/2016	<0.005	
7/13/2016	<0.005	
3/20/2017	<0.005	
9/21/2017	<0.005	
3/14/2018	<0.005	
9/7/2018	<0.005	
3/12/2019	<0.005	
9/6/2019	<0.005	
3/5/2020	<0.005	
9/9/2020	<0.005	
2/26/2021	<0.005	
7/29/2021	<0.005	
1/27/2022	<0.005	
8/10/2022	<0.005	
2/9/2023	<0.005	
8/4/2023	<0.005	
2/14/2024		<0.005
7/31/2024		<0.005
2/19/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-38	GWC-38
9/16/2014	0.00051 (J)	
10/3/2014	<0.005	
10/20/2014	<0.005	
11/10/2014	<0.005	
3/2/2015	<0.005	
3/17/2015	<0.005	
4/6/2015	<0.005	
4/22/2015	<0.005	
7/28/2015	<0.005	
3/2/2016	<0.005	
7/7/2016	<0.005	
3/23/2017	<0.005	
9/19/2017	<0.005	
3/13/2018	<0.005	
9/6/2018	<0.005	
3/7/2019	<0.005	
9/4/2019	<0.005 (D)	
3/2/2020	<0.005	
9/3/2020	<0.005	
2/24/2021	<0.005	
7/28/2021	<0.005	
1/25/2022	<0.005	
8/5/2022	<0.005	
2/8/2023	<0.005	
8/2/2023	<0.005	
2/13/2024		<0.005
7/30/2024		<0.005
2/19/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2R	GWA-2R
3/30/2015	7E-05	
10/13/2015	<0.001	
3/23/2016	<0.001	
5/19/2016	<0.001	
7/29/2016	<0.001	
9/22/2016	<0.001	
11/10/2016	<0.001	
1/31/2017	<0.001	
4/3/2017	<0.001	
6/9/2017	<0.001	
10/2/2017	<0.001	
3/16/2018	<0.001	
9/14/2018	<0.001	
3/19/2019	<0.001	
9/13/2019	6.2E-05 (J)	
3/11/2020	<0.001	
9/15/2020	<0.001	
3/16/2021	<0.001	
8/9/2021	<0.001	
2/1/2022	<0.001	
8/16/2022	<0.001	
2/16/2023	<0.001	
7/27/2023	<0.001	
2/26/2024		<0.001
8/6/2024		<0.001
2/27/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.001 (D)	
7/27/2016	0.0002 (JD)	
2/21/2017	<0.001	
3/27/2017	<0.001 (D)	
6/8/2017	<0.001 (D)	
7/17/2017	<0.001 (D)	
7/27/2017	<0.001	
8/9/2017	<0.001	
9/29/2017	<0.001 (D)	
3/16/2018	<0.001	
9/14/2018	<0.001	
3/14/2019	<0.001	
3/9/2020	<0.001	
9/16/2020	<0.001	
3/16/2021	<0.001	
8/6/2021	<0.001	
2/2/2022	<0.001	
8/16/2022	<0.001	
2/14/2023	<0.001	
7/25/2023	<0.001	
2/19/2024		<0.001
8/1/2024		<0.001
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39Z	GWA-39Z
3/14/2016	<0.001	
5/11/2016	<0.001	
7/19/2016	<0.001 (*)	
9/15/2016	<0.001	
11/2/2016	<0.001	
1/18/2017	<0.001	
3/28/2017	5E-05 (J)	
6/7/2017	<0.001	
9/26/2017	7E-05 (J)	
3/14/2018	<0.001	
9/12/2018	<0.001	
3/15/2019	<0.001	
9/9/2019	<0.001	
3/9/2020	<0.001	
9/10/2020	<0.001	
3/12/2021	<0.001	
8/4/2021	<0.001	
1/31/2022	<0.001	
8/10/2022	<0.001	
2/13/2023	<0.001	
7/26/2023	<0.001	
2/19/2024		<0.001
8/1/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-40	GWA-40
3/15/2016	<0.001	
5/11/2016	<0.001	
7/21/2016	<0.001	
9/15/2016	<0.001	
11/3/2016	<0.001	
1/17/2017	<0.001	
3/24/2017	<0.001	
5/24/2017	<0.001	
9/26/2017	<0.001	
3/14/2018	<0.001	
9/12/2018	<0.001	
3/13/2019	<0.001	
9/9/2019	<0.001	
3/9/2020	7.8E-05 (J)	
9/11/2020	<0.001	
3/10/2021	<0.001	
8/4/2021	<0.001	
1/31/2022	<0.001	
8/12/2022	<0.001	
2/13/2023	<0.001	
7/26/2023	<0.001	
2/19/2024		<0.001
8/1/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R	GWA-41R
3/15/2016	<0.001	
5/13/2016	<0.001	
7/21/2016	<0.001	
9/21/2016	<0.001	
11/3/2016	<0.001	
1/17/2017	<0.001	
3/27/2017	<0.001	
6/6/2017	0.0002 (J)	
9/25/2017	<0.001	
3/14/2018	<0.001	
9/12/2018	<0.001	
3/14/2019	<0.001	
9/10/2019	<0.001	
3/9/2020	6.1E-05 (J)	
9/10/2020	<0.001	
3/10/2021	<0.001	
8/4/2021	<0.001	
1/31/2022	<0.001	
8/11/2022	<0.001	
2/13/2023	<0.001	
7/25/2023	<0.001	
2/19/2024		<0.001
8/1/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	<0.001	
5/16/2016	<0.001	
7/22/2016	0.0002 (J)	
9/19/2016	<0.001	
11/3/2016	<0.001	
1/17/2017	<0.001	
3/27/2017	<0.001	
6/7/2017	<0.001	
9/26/2017	<0.001	
3/14/2018	<0.001	
9/14/2018	<0.001	
3/14/2019	<0.001	
9/10/2019	<0.001	
3/6/2020	8.6E-05 (J)	
9/10/2020	<0.001	
3/11/2021	<0.001	
8/4/2021	<0.001	
1/31/2022	<0.001	
8/10/2022	<0.001	
2/13/2023	<0.001	
7/26/2023	<0.001	
2/20/2024		<0.001
8/1/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	<0.001	
5/13/2016	<0.001	
7/19/2016	<0.001 (*)	
9/16/2016	<0.001	
11/2/2016	<0.001	
1/18/2017	<0.001	
3/28/2017	5E-05 (J)	
6/6/2017	<0.001	
9/22/2017	<0.001	
3/14/2018	<0.001	
9/12/2018	<0.001	
3/13/2019	<0.001	
9/11/2019	6.2E-05 (J)	
3/9/2020	<0.001	
9/11/2020	<0.001	
3/11/2021	<0.001	
8/6/2021	<0.001	
1/31/2022	<0.001	
8/11/2022	<0.001	
2/14/2023	<0.001	
7/25/2023	<0.001	
2/20/2024		<0.001
8/2/2024		<0.001
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R	GWA-50R
10/11/2015	<0.001	
3/28/2016	<0.001	
5/25/2016	<0.001	
8/1/2016	<0.001	
9/26/2016	<0.001	
11/11/2016	<0.001	
1/30/2017	<0.001	
4/3/2017	<0.001	
6/12/2017	<0.001	
10/2/2017	<0.001	
3/16/2018	<0.001	
9/18/2018	<0.001	
3/19/2019	<0.001	
9/12/2019	<0.001	
3/11/2020	5.9E-05 (J)	
9/15/2020	<0.001	
3/17/2021	<0.001	
8/9/2021	<0.001	
2/2/2022	<0.001	
8/17/2022	<0.001	
2/16/2023	<0.001	
7/28/2023	<0.001	
2/22/2024		<0.001
8/8/2024		<0.001
2/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-16R	GWC-16R
9/16/2014	0.0004 (J)	
10/4/2014	0.0004 (J)	
10/21/2014	0.0004 (J)	
11/11/2014	0.0005 (J)	
3/3/2015	0.0004 (J)	
3/18/2015	0.0005 (J)	
4/6/2015	0.0004 (J)	
4/23/2015	0.0004 (J)	
7/29/2015	0.0003 (J)	
3/3/2016	0.002222 (JD)	
5/10/2016	<0.001	
7/13/2016	<0.001	
9/15/2016	<0.001	
11/2/2016	<0.001	
1/11/2017	0.0003 (J)	
3/20/2017	0.0003 (J)	
5/23/2017	0.0003 (J)	
9/21/2017	0.0002 (J)	
3/14/2018	0.00018 (J)	
9/7/2018	0.00016 (J)	
3/11/2019	0.00026 (J)	
9/9/2019	6E-05 (J)	
3/4/2020	0.00014 (J)	
9/9/2020	<0.001	
3/9/2021	<0.001	
7/30/2021	<0.001	
1/28/2022	<0.001	
8/11/2022	<0.001	
2/10/2023	<0.001	
8/4/2023	<0.001	
2/15/2024		<0.001
7/31/2024		<0.001
2/25/2025		0.00023 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
9/17/2014	0.0002 (J)	
10/4/2014	0.0002 (J)	
10/21/2014	0.0002 (J)	
11/5/2014	0.0003 (J)	
3/3/2015	0.0002 (J)	
3/18/2015	0.0002 (J)	
4/7/2015	0.0002 (J)	
4/23/2015	0.0002 (J)	
7/29/2015	0.0002 (J)	
3/7/2016	<0.001	
5/5/2016	<0.001	
7/13/2016	<0.001	
9/13/2016	<0.001	
10/31/2016	<0.001	
1/12/2017	<0.001	
3/23/2017	0.0001 (J)	
5/23/2017	0.0001 (J)	
9/25/2017	0.0001 (J)	
3/14/2018	<0.001	
9/11/2018	<0.001	
3/12/2019	<0.001	
9/9/2019	<0.001	
3/6/2020	7.6E-05 (J)	
9/9/2020	<0.001	
2/26/2021	<0.001	
7/29/2021	<0.001	
1/28/2022	<0.001	
8/10/2022	<0.001	
2/9/2023	<0.001	
8/3/2023	<0.001	
2/14/2024		<0.001
7/31/2024		<0.001
2/20/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-20R
9/18/2014	0.0001 (J)	
10/5/2014	0.0001 (J)	
10/22/2014	0.0001 (J)	
11/5/2014	0.0002 (J)	
3/4/2015	0.0001 (J)	
3/19/2015	0.0001 (J)	
4/7/2015	0.0001 (J)	
4/24/2015	0.0001 (J)	
7/30/2015	<0.001	
3/8/2016	<0.001	
5/9/2016	<0.001	
7/14/2016	<0.001	
9/12/2016	<0.001	
10/31/2016	<0.001	
1/12/2017	<0.001	
3/22/2017	4E-05 (J)	
5/22/2017	5E-05 (J)	
9/19/2017	6E-05 (J)	
3/14/2018	<0.001	
9/10/2018	<0.001	
3/12/2019	<0.001	
9/6/2019	<0.001	
3/5/2020	<0.001	
9/4/2020	<0.001	
3/9/2021	<0.001	
8/2/2021	<0.001	
1/27/2022	<0.001	
8/9/2022	<0.001	
2/10/2023	<0.001	
8/3/2023	<0.001	
2/15/2024		<0.001
8/1/2024		<0.001
2/20/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-21R
9/18/2014	0.0002 (J)	
10/5/2014	0.0002 (J)	
10/22/2014	0.0002 (J)	
11/5/2014	0.0002 (J)	
3/4/2015	0.0002 (J)	
3/19/2015	0.0002 (J)	
4/8/2015	0.0002 (J)	
4/24/2015	0.0002 (J)	
7/30/2015	0.0001 (J)	
3/8/2016	<0.001	
5/9/2016	0.000353 (J)	
7/15/2016	<0.001	
9/9/2016	<0.001	
10/27/2016	<0.001	
1/12/2017	<0.001	
3/21/2017	<0.001	
5/23/2017	0.0002 (J)	
9/19/2017	0.0002 (J)	
3/14/2018	<0.001	
9/10/2018	<0.001	
3/11/2019	<0.001	
9/6/2019	0.0002 (J)	
3/3/2020	7.1E-05 (J)	
9/8/2020	<0.001	
3/9/2021	<0.001	
8/2/2021	<0.001	
1/28/2022	0.00021 (J)	
8/10/2022	0.00031 (J)	
2/9/2023	0.00029 (J)	
8/4/2023	0.00022 (J)	
2/15/2024		<0.001
8/2/2024		<0.001
2/25/2025		0.00028 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.001	
10/5/2014	0.0001 (J)	
10/22/2014	<0.001	
11/5/2014	0.0001 (J)	
3/4/2015	0.0001 (J)	
3/19/2015	0.0001 (J)	
4/8/2015	0.0001 (J)	
4/24/2015	0.0001 (J)	
7/30/2015	0.0001 (J)	
3/7/2016	<0.001	
5/5/2016	<0.001	
7/14/2016	<0.001	
9/12/2016	<0.001	
10/27/2016	<0.001	
1/13/2017	<0.001	
3/20/2017	<0.001	
5/23/2017	0.0001 (J)	
9/19/2017	8E-05 (J)	
3/13/2018	0.00017 (J)	
9/7/2018	<0.001	
3/11/2019	0.00015 (J)	
9/5/2019	5.5E-05 (J)	
3/3/2020	7.2E-05 (J)	
9/8/2020	0.00016 (J)	
3/9/2021	<0.001	
8/2/2021	<0.001	
1/27/2022	<0.001	
8/10/2022	<0.001	
2/9/2023	<0.001	
8/3/2023	<0.001	
2/15/2024		<0.001
7/31/2024		<0.001
2/20/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-23R	GWC-23R
9/18/2014	0.0002 (J)	
10/5/2014	0.0003 (J)	
10/22/2014	0.0002 (J)	
3/4/2015	0.0002 (J)	
3/20/2015	0.0002 (J)	
4/8/2015	0.0002 (J)	
4/23/2015	0.0002 (J)	
7/30/2015	0.0001 (J)	
3/9/2016	0.0033 (JO)	
5/6/2016	<0.001	
7/15/2016	<0.001	
9/14/2016	0.0002 (J)	
11/1/2016	<0.001	
1/25/2017	<0.001	
3/22/2017	0.0001 (J)	
5/24/2017	0.0001 (J)	
9/21/2017	0.0002 (J)	
3/14/2018	<0.001	
9/11/2018	<0.001	
3/12/2019	<0.001	
9/6/2019	0.0003 (J)	
3/5/2020	0.00018 (J)	
9/9/2020	0.00016 (J)	
3/10/2021	<0.001	
7/30/2021	0.00023 (J)	
1/28/2022	<0.001	
8/11/2022	<0.001	
2/10/2023	<0.001	
8/3/2023	<0.001	
2/16/2024		<0.001
7/31/2024		<0.001
2/25/2025		0.00022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
10/3/2014	<0.001	
10/20/2014	<0.001	
11/10/2014	<0.001	
3/2/2015	<0.001	
3/17/2015	0.0001 (J)	
4/5/2015	7E-05 (J)	
4/21/2015	<0.001	
7/28/2015	<0.001	
3/1/2016	<0.001	
5/2/2016	<0.001	
7/6/2016	<0.001	
9/7/2016	<0.001	
10/25/2016	<0.001	
1/5/2017	<0.001	
3/14/2017	<0.001	
5/16/2017	<0.001	
9/15/2017	<0.001	
3/12/2018	<0.001	
9/6/2018	<0.001	
3/7/2019	<0.001	
9/4/2019	<0.001	
3/2/2020	<0.001	
9/14/2020	<0.001	
3/26/2021	<0.001	
7/27/2021	<0.001	
1/26/2022	<0.001	
8/8/2022	<0.001	
2/8/2023	<0.001	
8/3/2023	<0.001	
2/13/2024		<0.001
7/30/2024		<0.001
2/19/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1	GWA-1
8/23/2007	<0.01	
10/23/2007	<0.01	
11/18/2007	<0.01	
1/30/2008	<0.01	
3/10/2008	<0.01	
5/13/2008	<0.01	
12/5/2008	<0.01	
4/15/2009	<0.01	
10/7/2009	0.0099	
5/3/2010	<0.01	
10/12/2010	<0.01	
4/27/2011	<0.01	
10/17/2011	<0.01	
5/2/2012	<0.01	
10/8/2012	<0.01	
4/12/2013	<0.01	
10/16/2013	<0.01	
4/11/2014	<0.01	
9/30/2014	<0.01	
3/30/2015	0.0067	
10/13/2015	<0.01	
3/22/2016	0.00214 (J)	
7/29/2016	<0.01	
3/30/2017	<0.01	
10/2/2017	<0.01	
3/16/2018	<0.01	
9/17/2018	<0.01 (D)	
3/20/2019	<0.01	
9/12/2019	<0.01	
3/11/2020	<0.01	
9/15/2020	<0.01	
3/16/2021	<0.01	
8/9/2021	<0.01	
2/1/2022	<0.01	
8/16/2022	<0.01	
2/16/2023	<0.01	
7/27/2023	<0.01	
2/22/2024		<0.01
8/7/2024		<0.01
2/27/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2	GWA-2
8/23/2007	<0.01	
10/24/2007	<0.01	
11/18/2007	0.0051	
1/31/2008	<0.01	
3/11/2008	0.0032	
5/6/2008	<0.01	
12/4/2008	0.016 (O)	
4/21/2009	0.005	
10/7/2009	<0.01	
4/26/2010	<0.01	
10/4/2010	0.0025	
4/13/2011	<0.01	
10/5/2011	<0.01	
4/11/2012	<0.01	
10/9/2012	<0.01	
4/15/2013	<0.01	
10/15/2013	<0.01	
4/22/2014	<0.01	
9/30/2014	<0.01	
3/30/2015	0.0016 (J)	
10/13/2015	<0.01	
3/23/2016	<0.01	
7/29/2016	<0.01	
3/30/2017	<0.01	
10/2/2017	<0.01	
3/19/2018	<0.01	
9/14/2018	<0.01	
3/20/2019	<0.01	
9/12/2019	<0.01 (D)	
3/11/2020	<0.01	
9/15/2020	<0.01	
3/17/2021	<0.01	
8/9/2021	<0.01	
2/1/2022	<0.01	
8/16/2022	<0.01	
2/16/2023	<0.01	
7/27/2023	<0.01	
2/22/2024		<0.01
8/7/2024		<0.01
2/27/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2R	GWA-2R
8/23/2007	<0.01	
10/24/2007	<0.01	
11/18/2007	<0.01	
1/31/2008	0.0078	
3/10/2008	<0.01	
5/13/2008	<0.01	
12/4/2008	<0.01	
4/21/2009	0.0036	
10/8/2009	<0.01	
4/21/2010	<0.01	
9/28/2010	<0.01	
4/12/2011	<0.01	
10/4/2011	<0.01	
4/3/2012	<0.01	
10/9/2012	<0.01	
4/11/2013	<0.01	
10/16/2013	<0.01	
4/10/2014	0.005 (J)	
9/30/2014	<0.01	
3/30/2015	<0.01	
10/13/2015	<0.01	
3/23/2016	<0.01	
7/29/2016	<0.01	
4/3/2017	<0.01	
10/2/2017	<0.01	
3/16/2018	<0.01	
9/14/2018	<0.01	
3/19/2019	<0.01	
9/13/2019	0.001 (J)	
3/11/2020	0.00084 (J)	
9/15/2020	<0.01	
3/16/2021	<0.01	
8/9/2021	<0.01	
2/1/2022	<0.01	
8/16/2022	<0.01	
2/16/2023	<0.01	
7/27/2023	<0.01	
2/26/2024		<0.01
8/6/2024		0.0015 (J)
2/27/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.01 (D)	
7/27/2016	0.002 (JD)	
2/21/2017	<0.01	
3/27/2017	<0.01 (D)	
9/29/2017	<0.01 (D)	
3/16/2018	<0.01	
9/14/2018	<0.01	
3/14/2019	<0.01	
3/9/2020	<0.01	
9/16/2020	<0.01	
3/16/2021	<0.01	
8/6/2021	<0.01	
2/2/2022	<0.01	
8/16/2022	<0.01	
2/14/2023	<0.01	
7/25/2023	<0.01	
2/19/2024		0.001 (J)
8/1/2024		<0.01
2/26/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	<0.01	
11/2/2007	<0.01	
11/18/2007	0.0046	
1/31/2008	<0.01	
3/11/2008	<0.01	
5/14/2008	<0.01	
12/5/2008	<0.01	
4/15/2009	<0.01	
10/8/2009	<0.01	
4/28/2010	<0.01	
10/6/2010	<0.01	
4/21/2011	<0.01	
10/13/2011	<0.01	
5/1/2012	<0.01	
10/9/2012	<0.01	
4/11/2013	<0.01	
10/16/2013	<0.01	
4/23/2014	<0.01	
10/4/2014	<0.01	
3/31/2015	0.0023 (J)	
10/12/2015	<0.01	
3/23/2016	<0.01	
7/29/2016	<0.01	
3/30/2017	<0.01	
10/4/2017	<0.01	
3/19/2018	<0.01	
9/17/2018	<0.01	
3/20/2019	<0.01	
9/13/2019	<0.01	
3/11/2020	<0.01	
3/29/2021	<0.01	
8/9/2021	<0.01	
2/2/2022	<0.01	
8/16/2022	<0.01	
2/17/2023	<0.01	
8/1/2023	<0.01	
2/22/2024		<0.01
8/8/2024		<0.01
2/26/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R	GWA-41R
3/15/2016	<0.01	
5/13/2016	<0.01	
7/21/2016	<0.01	
9/21/2016	<0.01	
11/3/2016	<0.01	
1/17/2017	<0.01	
3/27/2017	<0.01	
9/25/2017	<0.01	
3/14/2018	<0.01	
9/12/2018	<0.01	
3/14/2019	<0.01	
9/10/2019	<0.01	
3/9/2020	<0.01	
9/10/2020	<0.01	
3/10/2021	<0.01	
8/4/2021	<0.01	
1/31/2022	<0.01	
8/11/2022	<0.01	
2/13/2023	<0.01	
7/25/2023	<0.01	
2/19/2024		0.001 (J)
8/1/2024		<0.01
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	<0.01	
5/16/2016	<0.01	
7/22/2016	<0.01	
9/19/2016	<0.01	
11/3/2016	<0.01	
1/17/2017	<0.01	
3/27/2017	<0.01	
9/26/2017	<0.01	
3/14/2018	<0.01	
9/14/2018	<0.01	
3/14/2019	<0.01	
9/10/2019	<0.01	
3/6/2020	<0.01	
9/10/2020	<0.01	
3/11/2021	<0.01	
8/4/2021	<0.01	
1/31/2022	<0.01	
8/10/2022	<0.01	
2/13/2023	<0.01	
7/26/2023	<0.01	
2/20/2024		0.0015 (J)
8/1/2024		<0.01
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	0.00204 (J)	
5/13/2016	<0.01	
7/19/2016	<0.01	
9/16/2016	<0.01	
11/2/2016	<0.01	
1/18/2017	<0.01	
3/28/2017	<0.01	
9/22/2017	<0.01	
3/14/2018	<0.01	
9/12/2018	<0.01	
3/13/2019	<0.01	
9/11/2019	<0.01	
3/9/2020	<0.01	
9/11/2020	<0.01	
3/11/2021	<0.01	
8/6/2021	<0.01	
1/31/2022	<0.01	
8/11/2022	<0.01	
2/14/2023	<0.01	
7/25/2023	<0.01	
2/20/2024		0.0017 (J)
8/2/2024		<0.01
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43R	GWA-43R
3/11/2016	0.00202 (J)	
5/13/2016	<0.01	
7/19/2016	<0.01	
9/16/2016	<0.01	
11/2/2016	<0.01	
1/18/2017	<0.01	
3/28/2017	<0.01	
9/22/2017	<0.01	
3/15/2018	<0.01	
9/12/2018	<0.01	
3/13/2019	<0.01	
9/11/2019	<0.01	
3/9/2020	0.00074 (J)	
9/14/2020	<0.01	
3/11/2021	<0.01	
8/5/2021	<0.01	
1/31/2022	<0.01	
8/10/2022	<0.01	
2/13/2023	<0.01	
7/25/2023	<0.01	
2/20/2024		0.0016 (J)
8/2/2024		<0.01
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ	GWA-4RZ
4/7/2017	<0.01	
10/3/2017	<0.01 (D)	
3/21/2018	<0.01	
9/18/2018	<0.01	
3/21/2019	<0.01 (D)	
9/12/2019	0.00084 (JD)	
3/12/2020	<0.01	
9/17/2020	<0.01	
3/16/2021	<0.01	
8/10/2021	<0.01	
2/3/2022	<0.01	
8/17/2022	<0.01	
2/17/2023	<0.01	
7/28/2023	<0.01	
2/27/2024		<0.01
8/8/2024		<0.01
2/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R	GWA-50R
12/12/2008	<0.01	
4/23/2009	0.0065	
10/6/2009	0.0026	
5/3/2010	0.0028	
10/11/2010	0.0035	
4/27/2011	0.0047	
10/19/2011	<0.01	
5/1/2012	<0.01	
10/2/2012	<0.01	
4/10/2013	<0.01	
10/16/2013	<0.01	
4/22/2014	0.005 (J)	
10/1/2014	<0.01	
3/30/2015	0.0032 (J)	
10/11/2015	<0.01	
3/28/2016	<0.01	
8/1/2016	<0.01	
4/3/2017	<0.01	
10/2/2017	<0.01	
3/16/2018	<0.01	
9/18/2018	<0.01	
3/19/2019	<0.01	
9/12/2019	<0.01	
3/11/2020	<0.01	
9/15/2020	<0.01	
3/17/2021	<0.01	
8/9/2021	<0.01	
2/2/2022	<0.01	
8/17/2022	<0.01	
2/16/2023	<0.01	
7/28/2023	<0.01	
2/22/2024		<0.01
8/8/2024		<0.01
2/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-16R	GWC-16R
9/16/2014	0.0019 (J)	
10/4/2014	0.005	
10/21/2014	0.00089 (J)	
11/11/2014	<0.01	
3/3/2015	0.00093 (J)	
3/18/2015	<0.01	
4/6/2015	<0.01	
4/23/2015	<0.01	
7/29/2015	<0.01	
3/3/2016	<0.01	
7/13/2016	0.0021 (J)	
3/20/2017	0.0019 (J)	
9/21/2017	<0.01	
3/14/2018	<0.01	
9/7/2018	<0.01	
3/11/2019	<0.01	
9/9/2019	0.00091 (J)	
3/4/2020	0.0023 (J)	
9/9/2020	<0.01	
3/9/2021	0.003 (J)	
7/30/2021	0.0022 (J)	
1/28/2022	<0.01	
8/11/2022	<0.01	
2/10/2023	0.003 (J)	
8/4/2023	<0.01	
2/15/2024		0.0023 (J)
7/31/2024		<0.01
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-17R	GWC-17R
9/17/2014	<0.01	
10/4/2014	<0.01	
10/21/2014	<0.01	
11/11/2014	0.0012 (J)	
3/3/2015	<0.01	
3/18/2015	<0.01	
4/6/2015	<0.01	
4/23/2015	<0.01	
7/29/2015	<0.01	
3/4/2016	<0.01	
7/14/2016	<0.01	
3/21/2017	<0.01	
9/22/2017	<0.01	
3/14/2018	<0.01	
9/11/2018	<0.01	
3/12/2019	<0.01	
9/10/2019	<0.01	
3/5/2020	<0.01	
9/9/2020	<0.01	
3/10/2021	<0.01	
7/30/2021	<0.01	
1/28/2022	<0.01	
8/11/2022	<0.01	
2/10/2023	<0.01	
8/3/2023	<0.01	
2/15/2024		<0.01
7/31/2024		<0.01
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
9/17/2014	<0.01	
10/4/2014	<0.01	
10/21/2014	<0.01	
11/5/2014	<0.01	
3/3/2015	<0.01	
3/18/2015	<0.01	
4/7/2015	<0.01	
4/23/2015	<0.01	
7/29/2015	<0.01	
3/7/2016	<0.01	
7/13/2016	<0.01	
3/23/2017	<0.01	
9/25/2017	<0.01	
3/14/2018	<0.01	
9/11/2018	<0.01	
3/12/2019	<0.01	
9/9/2019	0.00078 (J)	
3/6/2020	<0.01	
9/9/2020	<0.01	
2/26/2021	<0.01	
7/29/2021	<0.01	
1/28/2022	<0.01	
8/10/2022	<0.01	
2/9/2023	<0.01	
8/3/2023	<0.01	
2/14/2024		<0.01
7/31/2024		<0.01
2/20/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18R	GWC-18R
9/17/2014	0.001 (J)	
10/4/2014	<0.01	
10/21/2014	0.00084 (J)	
11/11/2014	<0.01	
3/3/2015	<0.01	
3/18/2015	<0.01	
4/7/2015	<0.01	
4/23/2015	<0.01	
7/29/2015	<0.01	
3/7/2016	<0.01	
7/13/2016	<0.01	
3/20/2017	<0.01	
9/21/2017	<0.01	
3/14/2018	<0.01	
9/7/2018	<0.01	
3/12/2019	<0.01	
9/6/2019	<0.01	
3/5/2020	<0.01	
9/9/2020	<0.01	
2/26/2021	<0.01	
7/29/2021	<0.01	
1/27/2022	<0.01	
8/10/2022	<0.01	
2/9/2023	<0.01	
8/4/2023	<0.01	
2/14/2024		<0.01
7/31/2024		0.00087 (J)
2/19/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-19R	GWC-19R
9/17/2014	<0.01	
10/4/2014	<0.01	
10/21/2014	<0.01	
11/5/2014	<0.01	
3/3/2015	<0.01	
3/19/2015	<0.01	
4/7/2015	<0.01	
4/24/2015	<0.01	
7/29/2015	<0.01	
3/7/2016	<0.01	
7/14/2016	<0.01	
3/21/2017	<0.01	
9/20/2017	<0.01	
3/14/2018	<0.01	
9/10/2018	<0.01	
3/12/2019	<0.01	
9/9/2019	0.00081 (J)	
3/4/2020	0.00096 (J)	
9/9/2020	<0.01	
2/26/2021	<0.01	
8/5/2021	<0.01	
1/27/2022	<0.01	
8/9/2022	<0.01	
2/9/2023	<0.01	
8/4/2023	<0.01	
2/14/2024		0.00078 (J)
7/31/2024		0.001 (J)
2/20/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-20R
9/18/2014	<0.01	
10/5/2014	<0.01	
10/22/2014	<0.01	
11/5/2014	<0.01	
3/4/2015	<0.01	
3/19/2015	0.0012 (J)	
4/7/2015	<0.01	
4/24/2015	<0.01	
7/30/2015	<0.01	
3/8/2016	<0.01	
7/14/2016	<0.01	
3/22/2017	<0.01	
9/19/2017	<0.01	
3/14/2018	<0.01	
9/10/2018	<0.01	
3/12/2019	<0.01	
9/6/2019	<0.01	
3/5/2020	<0.01	
9/4/2020	<0.01	
3/9/2021	<0.01	
8/2/2021	<0.01	
1/27/2022	<0.01	
8/9/2022	<0.01	
2/10/2023	<0.01	
8/3/2023	<0.01	
2/15/2024		<0.01
8/1/2024		<0.01
2/20/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-21R
9/18/2014	<0.01	
10/5/2014	<0.01	
10/22/2014	<0.01	
11/5/2014	<0.01	
3/4/2015	<0.01	
3/19/2015	<0.01	
4/8/2015	<0.01	
4/24/2015	<0.01	
7/30/2015	<0.01	
3/8/2016	<0.01	
7/15/2016	<0.01	
3/21/2017	<0.01	
9/19/2017	<0.01	
3/14/2018	<0.01	
9/10/2018	<0.01	
3/11/2019	<0.01	
9/6/2019	0.0012 (J)	
3/3/2020	0.00085 (J)	
9/8/2020	<0.01	
3/9/2021	<0.01	
8/2/2021	<0.01	
1/28/2022	<0.01	
8/10/2022	<0.01	
2/9/2023	<0.01	
8/4/2023	<0.01	
2/15/2024		0.00098 (J)
8/2/2024		<0.01
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-22R
9/18/2014	<0.01	
10/5/2014	<0.01	
10/22/2014	<0.01	
11/5/2014	<0.01	
3/4/2015	<0.01	
3/19/2015	<0.01	
4/8/2015	<0.01	
4/24/2015	<0.01	
7/30/2015	<0.01	
3/7/2016	<0.01	
7/14/2016	<0.01	
3/20/2017	<0.01	
9/19/2017	<0.01	
3/13/2018	<0.01	
9/7/2018	<0.01	
3/11/2019	<0.01	
9/5/2019	0.00094 (J)	
3/3/2020	<0.01	
9/8/2020	<0.01	
3/9/2021	<0.01	
8/2/2021	<0.01	
1/27/2022	<0.01	
8/10/2022	<0.01	
2/9/2023	<0.01	
8/3/2023	<0.01	
2/15/2024		<0.01
7/31/2024		0.00089 (J)
2/20/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-23R	GWC-23R
9/18/2014	<0.01	
10/5/2014	<0.01	
10/22/2014	0.00083 (J)	
11/5/2014	0.0014 (J)	
3/4/2015	<0.01	
3/20/2015	<0.01	
4/8/2015	0.0017 (J)	
4/23/2015	<0.01	
7/30/2015	<0.01	
3/9/2016	<0.01	
7/15/2016	<0.01	
3/22/2017	<0.01	
9/21/2017	<0.01	
3/14/2018	<0.01	
9/11/2018	<0.01	
3/12/2019	<0.01	
9/6/2019	0.0011 (J)	
3/5/2020	0.00071 (J)	
9/9/2020	<0.01	
3/10/2021	<0.01	
7/30/2021	<0.01	
1/28/2022	<0.01	
8/11/2022	<0.01	
2/10/2023	<0.01	
8/3/2023	<0.01	
2/16/2024		0.00081 (J)
7/31/2024		0.0014 (J)
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-24R	GWC-24R
9/16/2014	0.0012 (J)	
10/4/2014	<0.01	
10/23/2014	<0.01	
11/10/2014	<0.01	
3/4/2015	<0.01	
3/20/2015	<0.01	
4/8/2015	0.0012 (J)	
4/23/2015	<0.01	
7/30/2015	<0.01	
3/4/2016	<0.01	
7/12/2016	0.002 (J)	
3/20/2017	<0.01	
9/19/2017	0.0012 (J)	
3/13/2018	<0.01	
9/11/2018	<0.01	
3/8/2019	<0.01	
9/5/2019	0.0012 (JD)	
3/3/2020	0.0011 (J)	
9/9/2020	<0.01	
3/9/2021	<0.01	
7/29/2021	<0.01	
1/28/2022	<0.01	
8/9/2022	<0.01	
2/9/2023	<0.01	
8/3/2023	<0.01	
2/15/2024		<0.01
7/31/2024		0.0016 (J)
2/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-25R	GWC-25R
9/16/2014	<0.01	
10/4/2014	<0.01	
10/23/2014	<0.01	
11/10/2014	<0.01	
3/4/2015	<0.01	
3/20/2015	<0.01	
4/9/2015	<0.01	
4/23/2015	<0.01	
7/30/2015	<0.01	
3/8/2016	<0.01	
7/18/2016	<0.01	
3/16/2017	<0.01	
9/19/2017	<0.01	
3/13/2018	<0.01	
9/11/2018	<0.01	
3/8/2019	<0.01	
9/5/2019	<0.01	
3/3/2020	<0.01	
9/4/2020	<0.01	
3/9/2021	<0.01	
8/2/2021	<0.01	
1/27/2022	<0.01	
8/9/2022	<0.01	
2/9/2023	<0.01	
8/3/2023	<0.01	
2/16/2024		0.00081 (J)
7/31/2024		0.00088 (J)
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
9/15/2014	0.0073	
10/3/2014	<0.01	
10/20/2014	0.0045 (J)	
11/10/2014	<0.01	
3/2/2015	<0.01	
3/17/2015	<0.01	
4/5/2015	0.0014 (J)	
4/21/2015	0.0029 (J)	
7/28/2015	0.0031 (J)	
3/1/2016	<0.01	
7/6/2016	<0.01	
3/14/2017	<0.01	
9/15/2017	<0.01	
3/12/2018	<0.01	
9/6/2018	<0.01	
3/7/2019	<0.01	
9/4/2019	<0.01	
3/2/2020	<0.01	
9/14/2020	<0.01	
3/26/2021	<0.01	
7/27/2021	<0.01	
1/26/2022	<0.01	
8/8/2022	<0.01	
2/8/2023	<0.01	
8/3/2023	<0.01	
2/13/2024		<0.01
7/30/2024		<0.01
2/19/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-37	GWC-37
9/16/2014	<0.01	
10/3/2014	<0.01	
10/20/2014	<0.01	
11/10/2014	<0.01	
3/2/2015	<0.01	
3/17/2015	<0.01	
4/5/2015	<0.01	
4/22/2015	<0.01	
7/28/2015	<0.01	
3/1/2016	<0.01	
7/8/2016	0.0028 (J)	
3/14/2017	<0.01	
9/15/2017	<0.01	
3/12/2018	<0.01	
9/6/2018	<0.01	
3/6/2019	<0.01	
9/4/2019	0.00073 (J)	
3/2/2020	0.00074 (J)	
9/3/2020	<0.01	
2/24/2021	<0.01	
7/28/2021	<0.01	
1/26/2022	<0.01	
8/8/2022	<0.01	
2/8/2023	<0.01	
8/2/2023	<0.01	
2/13/2024		<0.01
7/30/2024		0.00083 (J)
2/19/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-38	GWC-38
9/16/2014	0.00085 (J)	
10/3/2014	0.00096 (J)	
10/20/2014	<0.01	
11/10/2014	0.00095 (J)	
3/2/2015	0.0041 (J)	
3/17/2015	0.0018 (J)	
4/6/2015	<0.01	
4/22/2015	<0.01	
7/28/2015	<0.01	
3/2/2016	<0.01	
7/7/2016	<0.01	
3/23/2017	<0.01	
9/19/2017	<0.01	
3/13/2018	<0.01	
9/6/2018	<0.01	
3/7/2019	<0.01	
9/4/2019	0.00538 (JD)	
3/2/2020	0.0014 (J)	
9/3/2020	<0.01	
2/24/2021	<0.01	
7/28/2021	<0.01	
1/25/2022	<0.01	
8/5/2022	<0.01	
2/8/2023	<0.01	
8/2/2023	<0.01	
2/13/2024		<0.01
7/30/2024		0.0015 (J)
2/19/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1	GWA-1
8/23/2007	0.032 (O)	
10/23/2007	0.0099	
11/18/2007	0.0095 (J)	
1/30/2008	0.022 (O)	
3/10/2008	0.014	
5/13/2008	0.0075	
12/5/2008	0.0056 (J)	
4/15/2009	0.0033	
10/7/2009	0.061 (O)	
5/3/2010	0.0033	
10/12/2010	0.0041	
4/27/2011	<0.02	
10/17/2011	0.0046	
5/2/2012	<0.02	
10/8/2012	0.0053	
4/12/2013	0.006	
10/16/2013	0.0048	
4/11/2014	0.0033	
9/30/2014	0.002 (J)	
3/30/2015	0.012	
10/13/2015	0.011	
3/22/2016	0.00346 (J)	
7/29/2016	<0.02	
3/30/2017	<0.02	
10/2/2017	<0.02	
3/16/2018	<0.02	
9/17/2018	<0.02 (D)	
3/20/2019	<0.02	
9/12/2019	0.0047 (J)	
3/11/2020	0.0035 (J)	
9/15/2020	<0.02	
3/16/2021	0.0091 (J)	
8/9/2021	<0.02	
2/1/2022	<0.02	
8/16/2022	<0.02	
2/16/2023	<0.02	
7/27/2023	<0.02	
2/22/2024		<0.02
8/7/2024		<0.02
2/27/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2	GWA-2
8/23/2007	0.0033	
10/24/2007	0.043 (O)	
11/18/2007	0.024	
1/31/2008	0.015	
3/11/2008	0.027	
5/6/2008	0.0032	
12/4/2008	0.081 (O)	
4/21/2009	0.0057	
10/7/2009	<0.02	
4/26/2010	<0.02	
10/4/2010	0.0057	
4/13/2011	<0.02	
10/5/2011	<0.02	
4/11/2012	<0.02	
10/9/2012	<0.02	
4/15/2013	0.0038	
10/15/2013	0.0044	
4/22/2014	0.0025 (J)	
9/30/2014	0.00076 (J)	
3/30/2015	0.0024 (J)	
10/13/2015	0.0017 (J)	
3/23/2016	<0.02	
7/29/2016	<0.02	
3/30/2017	<0.02	
10/2/2017	<0.02	
3/19/2018	<0.02	
9/14/2018	<0.02	
3/20/2019	<0.02	
9/12/2019	0.00505 (JD)	
3/11/2020	0.0028 (J)	
9/15/2020	<0.02	
3/17/2021	<0.02	
8/9/2021	<0.02	
2/1/2022	<0.02	
8/16/2022	<0.02	
2/16/2023	<0.02	
7/27/2023	0.011 (J)	
2/22/2024		<0.02
8/7/2024		<0.02
2/27/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2R	GWA-2R
8/23/2007	0.0079	
10/24/2007	<0.02	
11/18/2007	0.015	
1/31/2008	0.063 (O)	
3/10/2008	0.013 (J)	
5/13/2008	0.0072	
12/4/2008	0.011 (J)	
4/21/2009	0.0041	
10/8/2009	<0.02	
4/21/2010	<0.02	
9/28/2010	0.0081	
4/12/2011	0.0025	
10/4/2011	0.0027	
4/3/2012	<0.02	
10/9/2012	0.0064	
4/11/2013	<0.02	
10/16/2013	<0.02	
4/10/2014	0.0026	
9/30/2014	0.0012 (J)	
3/30/2015	0.013	
10/13/2015	0.0043	
3/23/2016	<0.02	
7/29/2016	<0.02	
4/3/2017	<0.02	
10/2/2017	<0.02	
3/16/2018	<0.02	
9/14/2018	<0.02	
3/19/2019	<0.02	
9/13/2019	0.0078 (J)	
3/11/2020	0.0038 (J)	
9/15/2020	<0.02	
3/16/2021	<0.02	
8/9/2021	<0.02	
2/1/2022	<0.02	
8/16/2022	<0.02	
2/16/2023	<0.02	
7/27/2023	<0.02	
2/26/2024		0.055
8/6/2024		<0.02
2/27/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	<0.02 (D)	
7/27/2016	<0.02 (*)	
2/21/2017	0.0049 (J)	
3/27/2017	<0.02 (*)	
9/29/2017	0.0012 (JD)	
3/16/2018	0.0042 (J)	
9/14/2018	<0.02	
3/14/2019	0.0035 (J)	
3/9/2020	0.009 (J)	
9/16/2020	<0.02	
3/16/2021	<0.02	
8/6/2021	<0.02	
2/2/2022	<0.02	
8/16/2022	<0.02	
2/14/2023	<0.02	
7/25/2023	<0.02	
2/19/2024		<0.02
8/1/2024		<0.02
2/26/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39Z	GWA-39Z
3/14/2016	<0.02	
5/11/2016	0.00467 (J)	
7/19/2016	<0.02 (*)	
9/15/2016	0.0044 (J)	
11/2/2016	0.0043 (J)	
1/18/2017	<0.02 (*)	
3/28/2017	<0.02 (*)	
9/26/2017	0.0029 (J)	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/15/2019	0.0023 (J)	
9/9/2019	0.0047 (J)	
3/9/2020	0.0035 (J)	
9/10/2020	<0.02	
3/12/2021	0.0065 (J)	
8/4/2021	<0.02	
1/31/2022	<0.02	
8/10/2022	<0.02	
2/13/2023	<0.02	
7/26/2023	<0.02	
2/19/2024		<0.02
8/1/2024		<0.02
2/25/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
8/23/2007	0.066	
11/2/2007	0.055	
11/18/2007	0.13	
1/31/2008	0.13	
3/11/2008	0.07	
5/14/2008	0.12	
12/5/2008	0.088	
4/15/2009	0.068	
10/8/2009	0.075	
4/28/2010	0.071	
10/6/2010	0.074	
4/21/2011	0.047	
10/13/2011	0.073	
5/1/2012	0.0652	
10/9/2012	0.061	
4/11/2013	0.053	
10/16/2013	0.047	
4/23/2014	0.041	
10/4/2014	0.044 (V)	
3/31/2015	0.12	
10/12/2015	0.053	
3/23/2016	0.0532	
7/29/2016	0.0446	
3/30/2017	0.0479	
10/4/2017	0.0429	
3/19/2018	<0.04	
9/17/2018	0.04	
3/20/2019	0.028	
9/13/2019	0.036	
3/11/2020	0.031	
3/29/2021	<0.02	
8/9/2021	<0.02	
2/2/2022	<0.02	
8/16/2022	<0.02	
2/17/2023	<0.02	
8/1/2023	<0.02	
2/22/2024	<0.02	
8/8/2024	<0.02	
2/26/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-40	GWA-40
3/15/2016	<0.02	
5/11/2016	<0.02	
7/21/2016	<0.02 (*)	
9/15/2016	<0.02	
11/3/2016	<0.02	
1/17/2017	<0.02	
3/24/2017	<0.02 (*)	
9/26/2017	0.0019 (J)	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/13/2019	<0.02	
9/9/2019	0.0058 (J)	
3/9/2020	0.002 (J)	
9/11/2020	<0.02	
3/10/2021	<0.02	
8/4/2021	<0.02	
1/31/2022	<0.02	
8/12/2022	<0.02	
2/13/2023	<0.02	
7/26/2023	<0.02	
2/19/2024		<0.02
8/1/2024		<0.02
2/25/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41	GWA-41
3/15/2016	<0.02	
5/12/2016	<0.02	
7/20/2016	<0.02	
9/15/2016	0.0027 (J)	
11/3/2016	<0.02	
1/18/2017	<0.02 (*)	
3/24/2017	<0.02 (*)	
9/25/2017	<0.02	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/14/2019	<0.02	
9/10/2019	0.00745 (JD)	
3/6/2020	0.0027 (J)	
9/10/2020	<0.02	
3/11/2021	<0.02	
8/4/2021	<0.02	
1/31/2022	<0.02	
8/11/2022	<0.02	
2/13/2023	<0.02	
7/25/2023	<0.02	
2/19/2024		<0.02
8/1/2024		<0.02
2/25/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R	GWA-41R
3/15/2016	0.00286 (J)	
5/13/2016	<0.02	
7/21/2016	<0.02 (*)	
9/21/2016	<0.02	
11/3/2016	<0.02	
1/17/2017	<0.02	
3/27/2017	<0.02 (*)	
9/25/2017	0.0023 (J)	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/14/2019	0.0021 (J)	
9/10/2019	0.0075 (J)	
3/9/2020	0.0024 (J)	
9/10/2020	<0.02	
3/10/2021	<0.02	
8/4/2021	<0.02	
1/31/2022	<0.02	
8/11/2022	<0.02	
2/13/2023	<0.02	
7/25/2023	<0.02	
2/19/2024		<0.02
8/1/2024		<0.02
2/25/2025		0.0032 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	0.00862 (J)	
5/16/2016	0.00744 (J)	
7/22/2016	<0.02 (*)	
9/19/2016	0.0162	
11/3/2016	0.011	
1/17/2017	0.0104	
3/27/2017	<0.02 (*)	
9/26/2017	0.0094 (J)	
3/14/2018	<0.02	
9/14/2018	<0.02	
3/14/2019	0.01	
9/10/2019	0.014	
3/6/2020	0.012	
9/10/2020	0.0073 (J)	
3/11/2021	0.0089 (J)	
8/4/2021	<0.02	
1/31/2022	<0.02	
8/10/2022	0.0089 (J)	
2/13/2023	0.011 (J)	
7/26/2023	<0.02	
2/20/2024		0.0095 (J)
8/1/2024		0.01 (J)
2/25/2025		0.01 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	0.0093 (J)	
5/13/2016	0.00336 (J)	
7/19/2016	<0.02 (*)	
9/16/2016	0.0023 (J)	
11/2/2016	0.0047 (J)	
1/18/2017	<0.02	
3/28/2017	<0.02 (*)	
9/22/2017	0.0013 (J)	
3/14/2018	<0.02	
9/12/2018	<0.02	
3/13/2019	0.0022 (J)	
9/11/2019	0.0065 (J)	
3/9/2020	0.002 (J)	
9/11/2020	<0.02	
3/11/2021	<0.02	
8/6/2021	<0.02	
1/31/2022	<0.02	
8/11/2022	<0.02	
2/14/2023	<0.02	
7/25/2023	<0.02	
2/20/2024		<0.02
8/2/2024		<0.02
2/25/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43R	GWA-43R
3/11/2016	0.00722 (J)	
5/13/2016	0.00666 (J)	
7/19/2016	<0.02 (*)	
9/16/2016	<0.02	
11/2/2016	0.0057 (J)	
1/18/2017	0.0022 (J)	
3/28/2017	<0.02	
9/22/2017	0.0014 (J)	
3/15/2018	<0.02	
9/12/2018	<0.02	
3/13/2019	0.0023 (J)	
9/11/2019	0.0053 (J)	
3/9/2020	0.0022 (J)	
9/14/2020	<0.02	
3/11/2021	<0.02	
8/5/2021	<0.02	
1/31/2022	<0.02	
8/10/2022	<0.02	
2/13/2023	<0.02	
7/25/2023	<0.02	
2/20/2024		<0.02
8/2/2024		<0.02
2/25/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ	GWA-4RZ
4/7/2017	<0.02	
10/3/2017	<0.02 (D)	
3/21/2018	<0.02	
9/18/2018	<0.02	
3/21/2019	0.0034 (JD)	
9/12/2019	0.0072 (JD)	
3/12/2020	0.0027 (J)	
9/17/2020	0.0047 (J)	
3/16/2021	<0.02	
8/10/2021	<0.02	
2/3/2022	<0.02	
8/17/2022	<0.02	
2/17/2023	<0.02	
7/28/2023	<0.02	
2/27/2024		<0.02
8/8/2024		<0.02
2/28/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50	GWA-50
12/12/2008	0.048 (O)	
4/23/2009	0.0075	
10/6/2009	0.0075	
4/27/2010	0.0051	
9/30/2010	0.0089	
4/14/2011	0.0043	
10/5/2011	0.0051	
4/11/2012	<0.02	
10/2/2012	0.006	
4/9/2013	0.0034	
10/15/2013	0.0042	
4/10/2014	0.0035	
10/1/2014	0.0019 (J)	
3/30/2015	0.0032	
10/11/2015	0.0048	
3/28/2016	0.00282 (J)	
8/1/2016	<0.02	
4/7/2017	<0.02	
10/2/2017	0.0015 (J)	
3/16/2018	<0.02	
9/17/2018	<0.02	
3/19/2019	<0.02	
9/13/2019	0.0061 (J)	
3/11/2020	0.0025 (J)	
9/16/2020	<0.02	
3/17/2021	<0.02	
8/9/2021	<0.02	
2/1/2022	<0.02	
8/16/2022	<0.02	
2/16/2023	<0.02	
7/28/2023	<0.02	
2/22/2024		<0.02
8/8/2024		<0.02
2/27/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R	GWA-50R
12/12/2008	0.013 (J)	
4/23/2009	0.075 (O)	
10/6/2009	0.056 (O)	
5/3/2010	0.051 (O)	
10/11/2010	0.016	
4/27/2011	0.025 (O)	
10/19/2011	0.0078	
5/1/2012	0.0134	
10/2/2012	0.012	
4/10/2013	0.018	
10/16/2013	0.015	
4/22/2014	0.015	
10/1/2014	0.0038	
3/30/2015	0.0097	
10/11/2015	0.0024 (J)	
3/28/2016	0.00703 (J)	
8/1/2016	<0.02	
4/3/2017	<0.02	
10/2/2017	0.0016 (J)	
3/16/2018	<0.02	
9/18/2018	<0.02	
3/19/2019	<0.02	
9/12/2019	0.0058 (J)	
3/11/2020	0.0033 (J)	
9/15/2020	<0.02	
3/17/2021	<0.02	
8/9/2021	<0.02	
2/2/2022	<0.02	
8/17/2022	<0.02	
2/16/2023	<0.02	
7/28/2023	<0.02	
2/22/2024		<0.02
8/8/2024		<0.02
2/28/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-16R	GWC-16R
9/16/2014	0.072	
10/4/2014	0.078	
10/21/2014	0.083	
11/11/2014	0.082	
3/3/2015	0.078	
3/18/2015	0.075	
4/6/2015	0.071	
4/23/2015	0.072	
7/29/2015	0.072	
3/3/2016	0.0227	
7/13/2016	0.0709	
3/20/2017	0.0465	
9/21/2017	0.0302	
3/14/2018	0.031	
9/7/2018	<0.01	
3/11/2019	0.024	
9/9/2019	0.029	
3/4/2020	0.015	
9/9/2020	0.037	
3/9/2021	0.025	
7/30/2021	0.032	
1/28/2022	0.026	
8/11/2022	0.036 (J)	
2/10/2023	0.017 (J)	
8/4/2023	0.036	
2/15/2024		0.033
7/31/2024		0.034
2/25/2025		0.025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-17R	GWC-17R
9/17/2014	0.0028	
10/4/2014	0.0038	
10/21/2014	0.0043	
11/11/2014	0.0041	
3/3/2015	0.0042	
3/18/2015	0.0046	
4/6/2015	0.0043	
4/23/2015	0.0047	
7/29/2015	0.0039	
3/4/2016	0.0219 (J)	
7/14/2016	0.0111	
3/21/2017	<0.02	
9/22/2017	0.0023 (J)	
3/14/2018	0.0021 (J)	
9/11/2018	<0.02	
3/12/2019	0.0038 (J)	
9/10/2019	0.0055 (J)	
3/5/2020	0.0035 (J)	
9/9/2020	<0.02	
3/10/2021	<0.02	
7/30/2021	<0.02	
1/28/2022	<0.02	
8/11/2022	<0.02	
2/10/2023	<0.02	
8/3/2023	<0.02	
2/15/2024		<0.02
7/31/2024		<0.02
2/25/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
9/17/2014	0.0035	
10/4/2014	0.0032	
10/21/2014	0.0028	
11/5/2014	0.004	
3/3/2015	0.004	
3/18/2015	0.0024 (J)	
4/7/2015	0.0055	
4/23/2015	0.0035	
7/29/2015	0.0062	
3/7/2016	0.0225 (J)	
7/13/2016	0.0031 (J)	
3/23/2017	<0.02	
9/25/2017	0.002 (J)	
3/14/2018	0.0036 (J)	
9/11/2018	<0.02	
3/12/2019	<0.02	
9/9/2019	0.0063 (J)	
3/6/2020	0.0045 (J)	
9/9/2020	<0.02	
2/26/2021	<0.02	
7/29/2021	<0.02	
1/28/2022	<0.02	
8/10/2022	<0.02	
2/9/2023	<0.02	
8/3/2023	<0.02	
2/14/2024		<0.02
7/31/2024		<0.02
2/20/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18R	GWC-18R
9/17/2014	0.002 (J)	
10/4/2014	0.001 (J)	
10/21/2014	0.00082 (J)	
11/11/2014	0.00076 (J)	
3/3/2015	<0.02	
3/18/2015	0.0016 (J)	
4/7/2015	<0.02	
4/23/2015	<0.02	
7/29/2015	<0.02	
3/7/2016	<0.02	
7/13/2016	0.0013 (J)	
3/20/2017	<0.02	
9/21/2017	0.0018 (J)	
3/14/2018	<0.02	
9/7/2018	<0.02	
3/12/2019	<0.02	
9/6/2019	0.0046 (J)	
3/5/2020	0.0024 (J)	
9/9/2020	<0.02	
2/26/2021	<0.02	
7/29/2021	0.015 (J)	
1/27/2022	<0.02	
8/10/2022	<0.02	
2/9/2023	<0.02	
8/4/2023	<0.02	
2/14/2024		<0.02
7/31/2024		<0.02
2/19/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-19R	GWC-19R
9/17/2014	0.0026	
10/4/2014	0.0034	
10/21/2014	0.0037	
11/5/2014	0.0035	
3/3/2015	0.0036	
3/19/2015	0.0035	
4/7/2015	0.0039	
4/24/2015	0.0034	
7/29/2015	0.0038	
3/7/2016	<0.02	
7/14/2016	<0.02	
3/21/2017	<0.02	
9/20/2017	0.0062 (J)	
3/14/2018	<0.02	
9/10/2018	<0.02	
3/12/2019	<0.02	
9/9/2019	0.0062 (J)	
3/4/2020	0.0072 (J)	
9/9/2020	<0.02	
2/26/2021	<0.02	
8/5/2021	<0.02	
1/27/2022	<0.02	
8/9/2022	<0.02	
2/9/2023	<0.02	
8/4/2023	<0.02	
2/14/2024		<0.02
7/31/2024		<0.02
2/20/2025		0.0055 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-20R
9/18/2014	0.0023 (J)	
10/5/2014	0.0025	
10/22/2014	0.0018 (J)	
11/5/2014	0.0019 (J)	
3/4/2015	0.0016 (J)	
3/19/2015	0.0025	
4/7/2015	0.0026	
4/24/2015	0.0017 (J)	
7/30/2015	0.0017 (J)	
3/8/2016	0.557 (O)	
7/14/2016	<0.02	
3/22/2017	<0.02	
9/19/2017	0.0031 (J)	
3/14/2018	<0.02	
9/10/2018	<0.02	
3/12/2019	<0.02	
9/6/2019	0.00455 (JD)	
3/5/2020	0.0023 (J)	
9/4/2020	<0.02	
3/9/2021	<0.02	
8/2/2021	<0.02	
1/27/2022	<0.02	
8/9/2022	<0.02	
2/10/2023	<0.02	
8/3/2023	<0.02	
2/15/2024		<0.02
8/1/2024		<0.02
2/20/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-21R
9/18/2014	0.0033	
10/5/2014	0.0036	
10/22/2014	0.0038	
11/5/2014	0.0046	
3/4/2015	0.0029	
3/19/2015	0.0027	
4/8/2015	0.0039	
4/24/2015	0.0035	
7/30/2015	0.0027	
3/8/2016	0.00273 (J)	
7/15/2016	<0.02	
3/21/2017	<0.02	
9/19/2017	0.0022 (J)	
3/14/2018	0.0049 (J)	
9/10/2018	<0.02	
3/11/2019	0.0034 (J)	
9/6/2019	0.045	
3/3/2020	0.0044 (J)	
9/8/2020	0.0063 (J)	
3/9/2021	<0.02	
8/2/2021	<0.02	
1/28/2022	<0.02	
8/10/2022	0.016 (J)	
2/9/2023	0.012 (J)	
8/4/2023	<0.02	
2/15/2024		<0.02
8/2/2024		0.0091 (J)
2/25/2025		0.0035 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-22R
9/18/2014	0.00089 (J)	
10/5/2014	0.0016 (J)	
10/22/2014	0.0017 (J)	
11/5/2014	0.0038	
3/4/2015	0.002 (J)	
3/19/2015	0.0025	
4/8/2015	0.0018 (J)	
4/24/2015	0.0016 (J)	
7/30/2015	<0.02	
3/7/2016	<0.02	
7/14/2016	<0.02	
3/20/2017	0.0075 (J)	
9/19/2017	<0.02	
3/13/2018	<0.02	
9/7/2018	<0.02	
3/11/2019	0.0021 (J)	
9/5/2019	0.0053 (J)	
3/3/2020	0.0029 (J)	
9/8/2020	0.0037 (J)	
3/9/2021	<0.02	
8/2/2021	<0.02	
1/27/2022	<0.02	
8/10/2022	<0.02	
2/9/2023	<0.02	
8/3/2023	<0.02	
2/15/2024		<0.02
7/31/2024		<0.02
2/20/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-23R	GWC-23R
9/18/2014	0.0013 (J)	
10/5/2014	0.00085 (J)	
10/22/2014	0.0014 (J)	
11/5/2014	0.0022 (J)	
3/4/2015	0.0033	
3/20/2015	0.002 (J)	
4/8/2015	0.004	
4/23/2015	0.002 (J)	
7/30/2015	<0.02	
3/9/2016	<0.02	
7/15/2016	<0.02	
3/22/2017	<0.02	
9/21/2017	0.0034 (J)	
3/14/2018	<0.02	
9/11/2018	<0.02	
3/12/2019	<0.02	
9/6/2019	0.0059 (J)	
3/5/2020	0.0084 (J)	
9/9/2020	<0.02	
3/10/2021	<0.02	
7/30/2021	<0.02	
1/28/2022	0.0099 (J)	
8/11/2022	<0.02	
2/10/2023	<0.02	
8/3/2023	<0.02	
2/16/2024		<0.02
7/31/2024		<0.02
2/25/2025		0.0037 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-24R	GWC-24R
9/16/2014	0.00054 (J)	
10/4/2014	0.0008 (J)	
10/23/2014	<0.02	
11/10/2014	<0.02	
3/4/2015	<0.02	
3/20/2015	<0.02	
4/8/2015	0.0016 (J)	
4/23/2015	<0.02	
7/30/2015	<0.02	
3/4/2016	0.00374 (J)	
7/12/2016	<0.02	
3/20/2017	<0.02	
9/19/2017	0.0028 (J)	
3/13/2018	0.0068 (J)	
9/11/2018	<0.02	
3/8/2019	<0.02	
9/5/2019	0.00675 (JD)	
3/3/2020	0.0033 (J)	
9/9/2020	0.0048 (J)	
3/9/2021	0.0063 (J)	
7/29/2021	<0.02	
1/28/2022	<0.02	
8/9/2022	<0.02	
2/9/2023	<0.02	
8/3/2023	<0.02	
2/15/2024		<0.02
7/31/2024		<0.02
2/24/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-25R	GWC-25R
9/16/2014	0.004	
10/4/2014	0.0011 (J)	
10/23/2014	0.0011 (J)	
11/10/2014	0.0028	
3/4/2015	<0.02	
3/20/2015	<0.02	
4/9/2015	<0.02	
4/23/2015	<0.02	
7/30/2015	<0.02	
3/8/2016	0.00198 (J)	
7/18/2016	<0.02	
3/16/2017	0.0026 (J)	
9/19/2017	<0.02	
3/13/2018	<0.02	
9/11/2018	<0.02	
3/8/2019	<0.02	
9/5/2019	0.0053 (J)	
3/3/2020	0.0027 (J)	
9/4/2020	<0.02	
3/9/2021	<0.02	
8/2/2021	<0.02	
1/27/2022	<0.02	
8/9/2022	<0.02	
2/9/2023	<0.02	
8/3/2023	<0.02	
2/16/2024		<0.02
7/31/2024		<0.02
2/25/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
9/15/2014	0.44 (O)	
10/3/2014	0.021	
10/20/2014	0.19	
11/10/2014	0.0014 (J)	
3/2/2015	0.032	
3/17/2015	0.034	
4/5/2015	0.089	
4/21/2015	0.16	
7/28/2015	0.15	
3/1/2016	0.0627	
7/6/2016	0.0532	
3/14/2017	0.0401	
9/15/2017	0.0338	
3/12/2018	0.042	
9/6/2018	0.045	
3/7/2019	0.043	
9/4/2019	0.052	
3/2/2020	0.056	
9/14/2020	0.053	
3/26/2021	0.046	
7/27/2021	<0.02	
1/26/2022	<0.02	
8/8/2022	<0.02	
2/8/2023	0.0086 (J)	
8/3/2023	<0.02	
2/13/2024		0.013 (J)
7/30/2024		0.01 (J)
2/19/2025		0.013 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-37	GWC-37
9/16/2014	0.0062	
10/3/2014	0.0085	
10/20/2014	0.0087	
11/10/2014	0.01	
3/2/2015	0.0077	
3/17/2015	0.0086	
4/5/2015	0.0098	
4/22/2015	0.0049	
7/28/2015	0.0099	
3/1/2016	0.00756 (J)	
7/8/2016	0.0098 (J)	
3/14/2017	0.0042 (J)	
9/15/2017	0.0032 (J)	
3/12/2018	0.0025 (J)	
9/6/2018	<0.02	
3/6/2019	0.0035 (J)	
9/4/2019	0.0086 (J)	
3/2/2020	0.0063 (J)	
9/3/2020	0.0049 (J)	
2/24/2021	0.0038 (J)	
7/28/2021	0.0088 (J)	
1/26/2022	<0.02	
8/8/2022	<0.02	
2/8/2023	<0.02	
8/2/2023	<0.02	
2/13/2024		<0.02
7/30/2024		<0.02
2/19/2025		0.0046 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/26/2025 11:26 AM View: Appendix I Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-38	GWC-38
9/16/2014	0.0054	
10/3/2014	0.007	
10/20/2014	0.0052	
11/10/2014	0.0054	
3/2/2015	0.041 (O)	
3/17/2015	0.014	
4/6/2015	0.0044	
4/22/2015	0.0023 (J)	
7/28/2015	0.0035	
3/2/2016	0.0029 (J)	
7/7/2016	0.0023 (J)	
3/23/2017	<0.02	
9/19/2017	0.002 (J)	
3/13/2018	<0.02	
9/6/2018	<0.02	
3/7/2019	<0.02	
9/4/2019	0.00565 (JD)	
3/2/2020	0.0032 (J)	
9/3/2020	<0.02	
2/24/2021	<0.02	
7/28/2021	<0.02	
1/25/2022	<0.02	
8/5/2022	<0.02	
2/8/2023	<0.02	
8/2/2023	<0.02	
2/13/2024		<0.02
7/30/2024		<0.02
2/19/2025		0.0029 (J)

ND substitution: RL or RL/2 if <15% NDs.

FIGURE G.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/20/2025, 6:10 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	**GWA-2R**	**1.998**	**n/a**	**2/27/2025**	**3.2**	**Yes**	**21**	**1.008**	**0.1052**	**0**	**None**	**x^(1/3)**	**0.0005016**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWA-3A**	**7.3**	**n/a**	**2/26/2025**	**9.3**	**Yes**	**8**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.02144**	**NP Intra (normality) 1 of 2**
pH (pH_units)	**GWC-21R**	**7.347**	**6.688**	**2/25/2025**	**7.58**	**Yes**	**21**	**7.017**	**0.1381**	**0**	**None**	**No**	**0.0002508**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWA-2R**	**38.9**	**n/a**	**2/27/2025**	**41.5**	**Yes**	**21**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003999**	**NP Intra (normality) 1 of 2**
Total Dissolved Solids (mg/l)	**GWA-2R**	**228.3**	**n/a**	**2/27/2025**	**231**	**Yes**	**21**	**125.6**	**43.03**	**0**	**None**	**No**	**0.0005016**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/20/2025, 6:10 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWA-1	2.149	n/a	2/27/2025	0.93J	No	21		1.436	0.2988	4.762	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-2	2.571	n/a	2/27/2025	1.1	No	21		1.46	0.4653	4.762	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	**GWA-2R**	**1.998**	**n/a**	**2/27/2025**	**3.2**	**Yes**	**21**		**1.008**	**0.1052**	**0**	**None**	**x^(1/3)**	**0.0005016**	**Param Intra 1 of 2**
Chloride (mg/L)	GWA-39RZ	3.717	n/a	2/26/2025	1.2	No	21		2.116	0.6706	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-39Z	2.253	n/a	2/25/2025	0.96J	No	21		1.451	0.3363	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	**GWA-3A**	**7.3**	**n/a**	**2/26/2025**	**9.3**	**Yes**	**8**		**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.02144**	**NP Intra (normality) 1 of 2**
Chloride (mg/L)	GWA-40	3.353	n/a	2/25/2025	0.99J	No	22		1.073	0.1791	4.545	None	x^(1/3)	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-41	3.943	n/a	2/25/2025	0.99J	No	21		0.4751	0.3758	0	None	ln(x)	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-41R	5.576	n/a	2/25/2025	0.95J	No	21		2.454	1.308	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-42	3.71	n/a	2/25/2025	2.3	No	21		2.548	0.4868	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-43	1.557	n/a	2/25/2025	1.1	No	21		1.313	0.1021	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-43R	5.219	n/a	2/25/2025	1.5	No	21		2.909	0.9679	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-4RZ	3.81	n/a	2/28/2025	2.5	No	21		2.69	0.4689	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-50	1.505	n/a	2/27/2025	0.76J	No	21		1.051	0.1904	4.762	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWA-50R	1.177	n/a	2/28/2025	0.87J	No	21		0.7934	0.1609	14.29	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-16R	2.845	n/a	2/25/2025	1.2	No	21		1.67	0.4925	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-17R	8.044	n/a	2/25/2025	4	No	21		5.595	1.026	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	2.672	n/a	2/20/2025	2	No	21		2.177	0.2073	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-18R	3.3	n/a	2/19/2025	2.2	No	21		n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-19R	2.933	n/a	2/20/2025	2.2	No	21		2.443	0.2053	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-20R	2.489	n/a	2/20/2025	1.8	No	21		1.77	0.3016	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-21R	5.534	n/a	2/25/2025	2.4	No	21		4.167	0.5732	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-22R	3.257	n/a	2/20/2025	2.2	No	21		2.694	0.2358	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-23R	2.775	n/a	2/25/2025	1.1	No	21		1.932	0.3532	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-24R	3.172	n/a	2/24/2025	2	No	21		5.639	1.853	4.762	None	x^2	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-25R	3.099	n/a	2/25/2025	2	No	21		2.552	0.2293	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-36RA	3.624	n/a	2/19/2025	3.1	No	21		2.877	0.3129	0	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-37	1.41	n/a	2/19/2025	0.76J	No	21		0.9633	0.1873	4.762	None	No	0.0005016	Param Intra 1 of 2
Chloride (mg/L)	GWC-38	3.734	n/a	2/19/2025	3.3	No	21		2.721	0.4245	0	None	No	0.0005016	Param Intra 1 of 2
pH (pH_units)	GWA-1	7.784	7.183	2/27/2025	7.5	No	21		23844	1981	0	None	x^5	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-2	7.065	5.166	2/27/2025	6.7	No	21		1602	372.7	0	None	x^4	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-2R	7.882	6.383	2/27/2025	7.18	No	21		20509	4155	0	None	x^5	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-39RZ	8.053	6.987	2/26/2025	7.4	No	23		56.84	3.414	0	None	x^2	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-39Z	7.514	5.281	8/1/2024	5.88	No	22		6.397	0.4716	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-3A	8.265	7.407	2/26/2025	7.93	No	8		7.836	0.1266	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-40	7.963	6.459	2/25/2025	7.51	No	23		7.211	0.3203	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-41	7.33	5.546	2/25/2025	6.8	No	20		6.438	0.3708	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-41R	7.733	6.218	2/25/2025	6.63	No	21		6.976	0.3175	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-42	7.63	6.83	2/25/2025	7.41	No	21		n/a	n/a	0	n/a	n/a	0.007998	NP Intra (normality) 1 of 2
pH (pH_units)	GWA-43	6.987	4.691	2/25/2025	5.28	No	21		5.839	0.4811	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-43R	8.04	7.31	2/25/2025	7.77	No	22		n/a	n/a	0	n/a	n/a	0.007415	NP Intra (normality) 1 of 2
pH (pH_units)	GWA-4RZ	7.55	6.49	2/28/2025	7.25	No	27		n/a	n/a	0	n/a	n/a	0.005004	NP Intra (normality) 1 of 2
pH (pH_units)	GWA-50	6.599	4.756	2/27/2025	5.64	No	21		5.678	0.386	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWA-50R	7.295	4.163	2/28/2025	5.04	No	21		5.729	0.6561	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-16R	7.534	6.756	2/25/2025	6.81	No	21		7.145	0.1629	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-17R	7.389	7.007	2/25/2025	7.06	No	21		7.198	0.08004	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-18	7.462	5.989	2/20/2025	6.96	No	21		6.726	0.3086	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-18R	8.051	7.373	2/19/2025	7.8	No	21		7.712	0.142	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-19R	7.79	7.2	2/20/2025	7.76	No	21		n/a	n/a	0	n/a	n/a	0.007998	NP Intra (normality) 1 of 2
pH (pH_units)	GWC-20R	7.983	7.26	2/20/2025	7.68	No	22		7.621	0.1526	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	**GWC-21R**	**7.347**	**6.688**	**2/25/2025**	**7.58**	**Yes**	**21**		**7.017**	**0.1381**	**0**	**None**	**No**	**0.0002508**	**Param Intra 1 of 2**
pH (pH_units)	GWC-22R	8.122	6.686	2/20/2025	7.26	No	22		7.404	0.3033	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-23R	7.869	6.699	2/25/2025	7.25	No	23		7.284	0.2493	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-24R	7.981	6.833	2/24/2025	7.6	No	21		7.407	0.2405	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-25R	7.96	7.165	2/25/2025	7.68	No	21		7.562	0.1664	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-36RA	7.743	6.772	2/19/2025	7.23	No	21		7.257	0.2036	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-37	6.363	4.552	2/19/2025	5.5	No	21		5.458	0.3795	0	None	No	0.0002508	Param Intra 1 of 2
pH (pH_units)	GWC-38	6.164	4.516	2/19/2025	5.36	No	21		5.34	0.3451	0	None	No	0.0002508	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/20/2025, 6:10 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWA-1	2.524	n/a	2/27/2025	0.88J	No	21	1.457	0.4474	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-2	164	n/a	2/27/2025	74.4	No	21	58.87	44.05	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	**GWA-2R**	**38.9**	**n/a**	**2/27/2025**	**41.5**	**Yes**	**21**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003999**	**NP Intra (normality) 1 of 2**
Sulfate (mg/L)	GWA-39RZ	25.5	n/a	2/26/2025	2.4	No	21	9.752	6.6	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-39Z	8.69	n/a	2/25/2025	1.2	No	21	3.31	2.255	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-3A	7.585	n/a	2/26/2025	1.7	No	8	3.575	1.183	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-40	7.4	n/a	2/25/2025	0.71J	No	22	n/a	n/a	4.545	n/a	n/a	0.003707	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-41	11.5	n/a	2/25/2025	5	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-41R	12.82	n/a	2/25/2025	5.8	No	21	5.842	2.922	4.762	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-42	2.457	n/a	2/25/2025	1.2	No	21	1.514	0.3952	4.762	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-43	1.695	n/a	2/25/2025	1ND	No	21	0.7235	0.4069	42.86	Kaplan-Meier	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-43R	10.07	n/a	2/25/2025	2.1	No	21	5.066	2.097	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-4RZ	27.14	n/a	2/28/2025	22.4	No	22	20.91	2.63	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWA-50	1	n/a	2/27/2025	1ND	No	21	n/a	n/a	38.1	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-50R	1.58	n/a	2/28/2025	0.51J	No	21	0.8976	0.2859	4.762	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-16R	14.82	n/a	2/25/2025	9	No	21	7.551	3.048	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-17R	8.884	n/a	2/25/2025	6.6	No	20	6.715	0.9017	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-18	2.586	n/a	2/20/2025	1.9	No	21	1.925	0.2773	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-18R	2.78	n/a	2/19/2025	1.8	No	20	2.257	0.2175	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-19R	4.237	n/a	2/20/2025	2.5	No	21	3.57	0.2794	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-20R	1.947	n/a	2/20/2025	1.3	No	21	2.039	0.7338	0	None	x^2	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21R	16.71	n/a	2/25/2025	2.8	No	20	6.336	4.312	5	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-22R	2.849	n/a	2/20/2025	1.1	No	20	1.928	0.3827	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23R	143	n/a	2/25/2025	25.5	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-24R	11.3	n/a	2/24/2025	2	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-25R	2.299	n/a	2/25/2025	1.7	No	21	1.708	0.2474	0	None	No	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-36RA	21.76	n/a	2/19/2025	18.9	No	21	1.631	0.4865	0	None	x^(1/3)	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-37	1.014	n/a	2/19/2025	1ND	No	21	0.483	0.2284	33.33	Kaplan-Meier	x^2	0.0005016	Param Intra 1 of 2
Sulfate (mg/L)	GWC-38	2.47	n/a	2/19/2025	0.52J	No	21	1.046	0.5966	4.762	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-1	184.7	n/a	2/27/2025	142	No	21	153.6	13.03	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-2	372.1	n/a	2/27/2025	211	No	21	151.4	92.48	4.762	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	**GWA-2R**	**228.3**	**n/a**	**2/27/2025**	**231**	**Yes**	**21**	**125.6**	**43.03**	**0**	**None**	**No**	**0.0005016**	**Param Intra 1 of 2**
Total Dissolved Solids (mg/l)	GWA-39RZ	239.3	n/a	2/26/2025	156	No	21	161.6	32.58	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-39Z	151.7	n/a	2/25/2025	91	No	20	69.3	34.24	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-3A	184.9	n/a	2/26/2025	121	No	8	107.1	22.94	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-40	213	n/a	2/25/2025	119	No	21	4.697	0.5343	0	None	x^(1/3)	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-41	181.4	n/a	2/25/2025	142	No	21	83.38	41.08	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-41R	250.1	n/a	2/25/2025	161	No	21	161.5	37.15	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-42	204.2	n/a	2/25/2025	155	No	21	5.155	0.3076	0	None	x^(1/3)	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-43	82.81	n/a	2/25/2025	25ND	No	21	36.31	19.49	19.05	Kaplan-Meier	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-43R	184.9	n/a	2/25/2025	140	No	21	140.1	18.76	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-4RZ	400	n/a	2/28/2025	273	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/l)	GWA-50	41.38	n/a	2/27/2025	32	No	21	21.19	8.46	38.1	Kaplan-Meier	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWA-50R	90.04	n/a	2/28/2025	25ND	No	21	5.18	1.805	28.57	Kaplan-Meier	sqrt(x)	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-16R	373.2	n/a	2/25/2025	312	No	21	301.3	30.12	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-17R	382	n/a	2/25/2025	305	No	21	315.6	27.83	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-18	163	n/a	2/20/2025	119	No	21	97.67	27.4	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-18R	184.4	n/a	2/19/2025	144	No	21	142.7	17.47	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-19R	219.2	n/a	2/20/2025	153	No	21	162.5	23.76	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-20R	236.3	n/a	2/20/2025	172	No	21	191.6	18.71	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-21R	385	n/a	2/25/2025	241	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/l)	GWC-22R	193.1	n/a	2/20/2025	154	No	20	163.4	12.36	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-23R	470.6	n/a	2/25/2025	329	No	18	5.736	0.1694	0	None	ln(x)	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-24R	209	n/a	2/24/2025	129	No	21	n/a	n/a	0	n/a	n/a	0.003999	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/l)	GWC-25R	195.1	n/a	2/25/2025	160	No	21	25595	5225	0	None	x^2	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-36RA	250.8	n/a	2/19/2025	241	No	21	164.5	36.16	0	None	No	0.0005016	Param Intra 1 of 2
Total Dissolved Solids (mg/l)	GWC-37	34	n/a	2/19/2025	25ND	No	19	n/a	n/a	36.84	n/a	n/a	0.004832	NP Intra (normality) 1 of 2
Total Dissolved Solids (mg/l)	GWC-38	115.9	n/a	2/19/2025	25ND	No	21	3.269	0.6219	23.81	Kaplan-Meier	ln(x)	0.0005016	Param Intra 1 of 2

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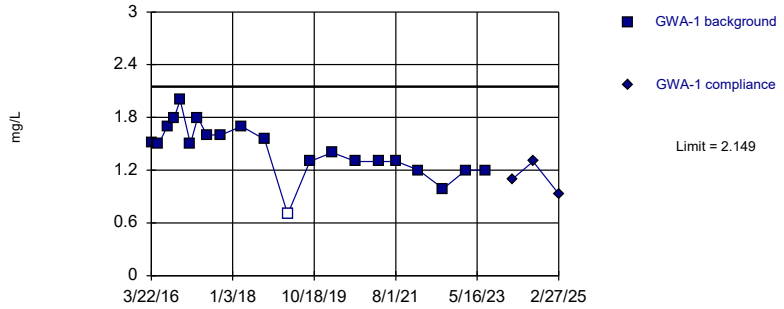
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.436, Std. Dev.=0.2988, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9721, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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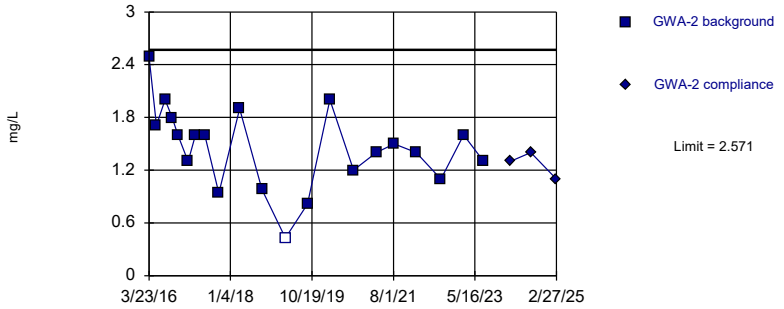
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.46, Std. Dev.=0.4653, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9876, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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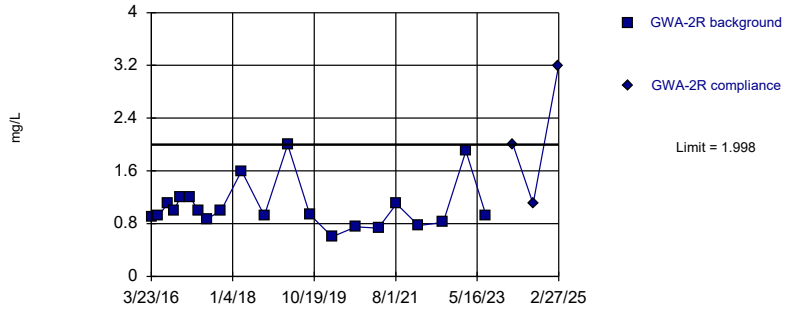
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=1.008, Std. Dev.=0.1052, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.889, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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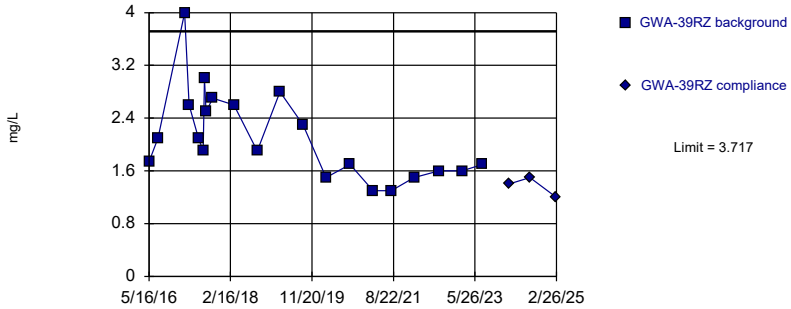
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.116, Std. Dev.=0.6706, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9081, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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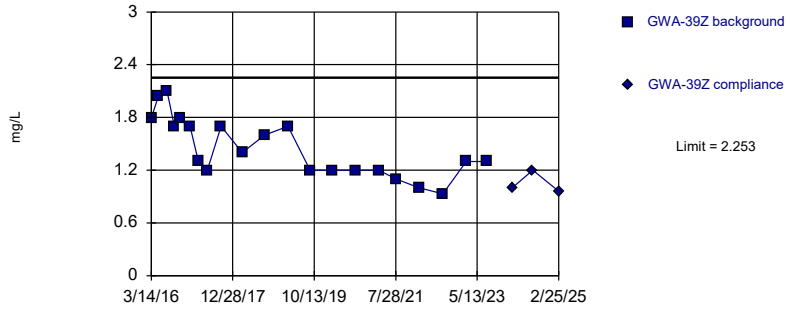
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.451, Std. Dev.=0.3363, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9307, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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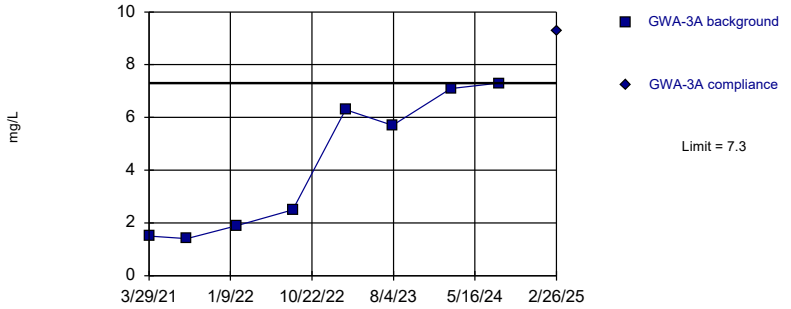
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.1 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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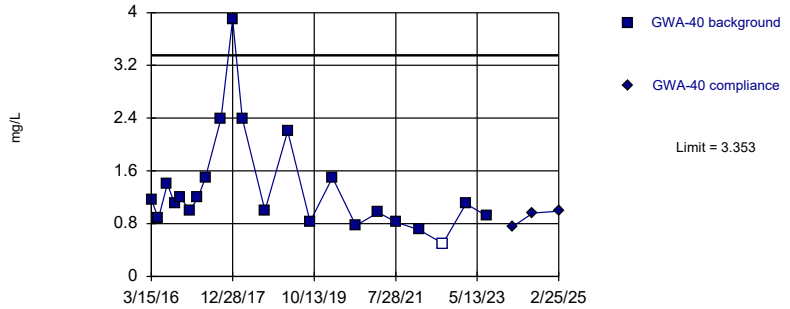
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=1.073, Std. Dev.=0.1791, n=22, 4.545% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8982, critical = 0.878. Kappa = 2.367 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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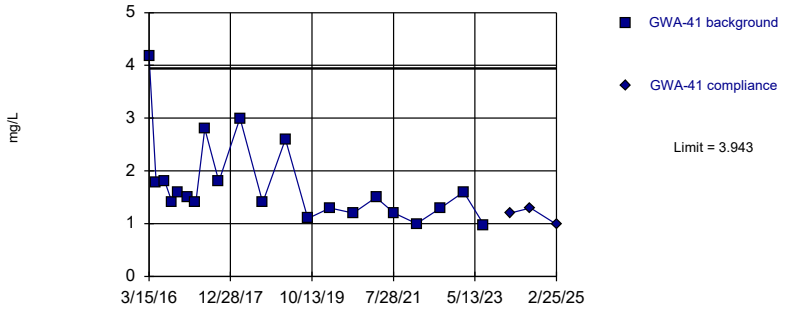
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=0.4751, Std. Dev.=0.3758, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9079, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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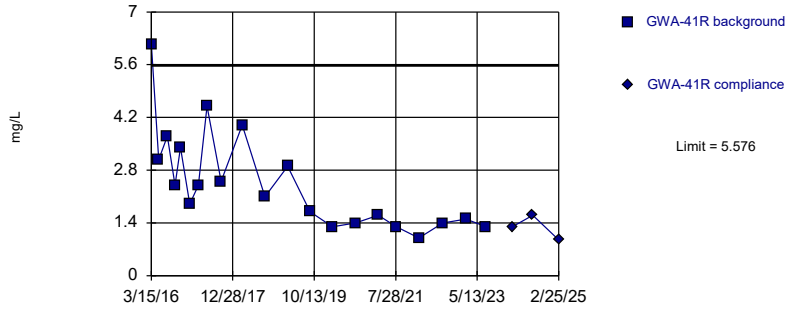
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.454, Std. Dev.=1.308, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8745, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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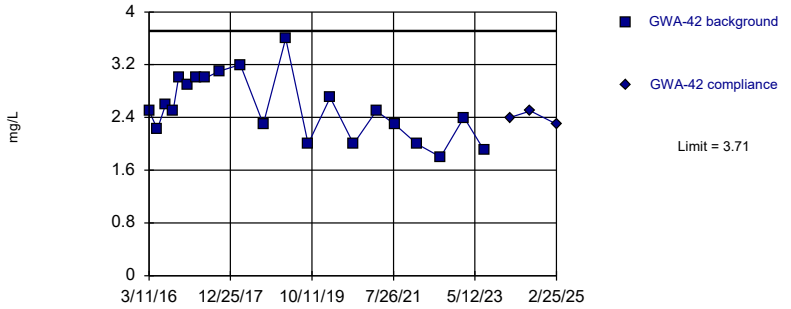
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.548, Std. Dev.=0.4868, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.963, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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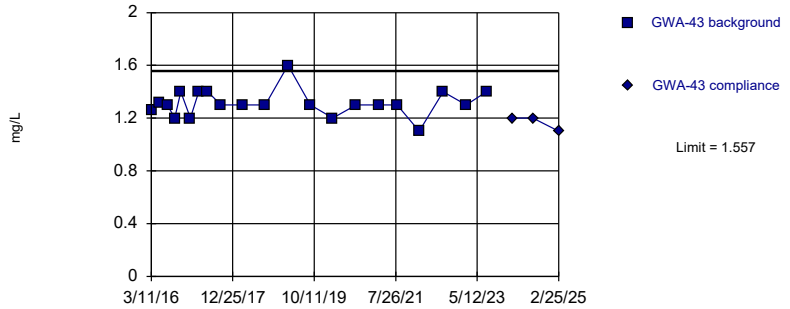
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.313, Std. Dev.=0.1021, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8898, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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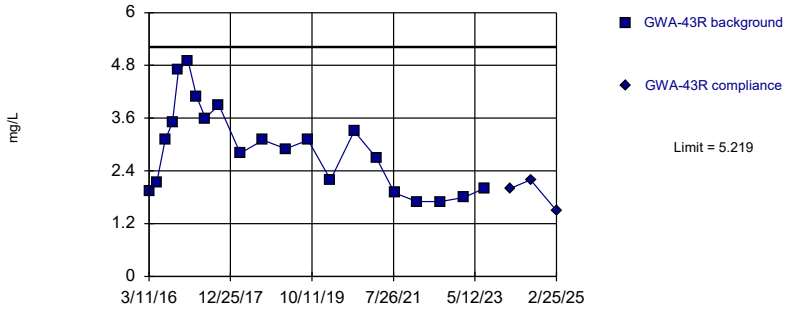
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.909, Std. Dev.=0.9679, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.934, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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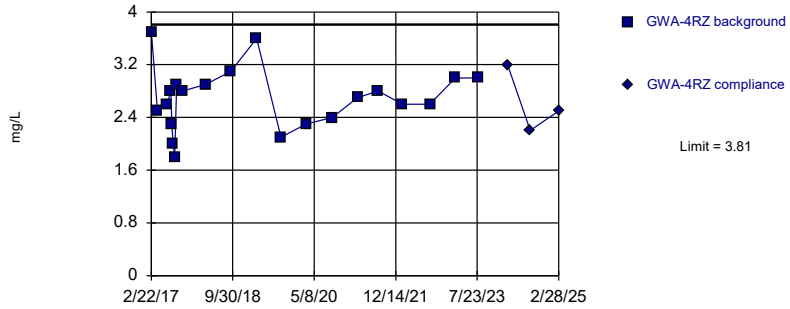
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.69, Std. Dev.=0.4689, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9696, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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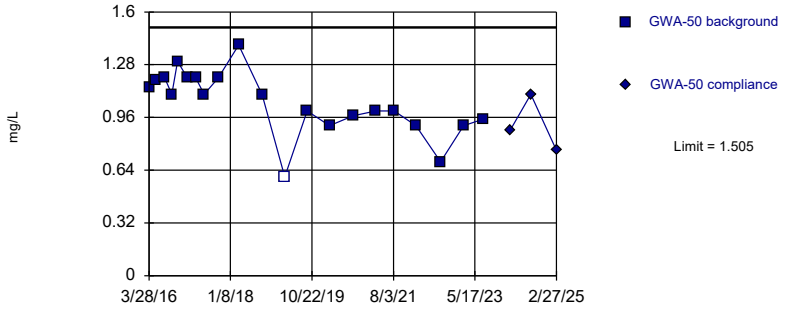
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.051, Std. Dev.=0.1904, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9513, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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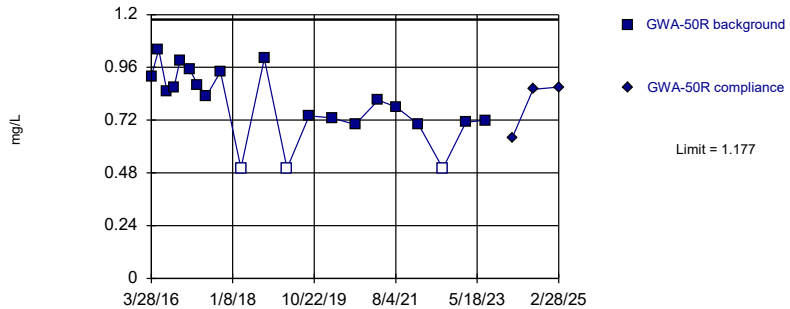
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.7934, Std. Dev.=0.1609, n=21, 14.29% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9366, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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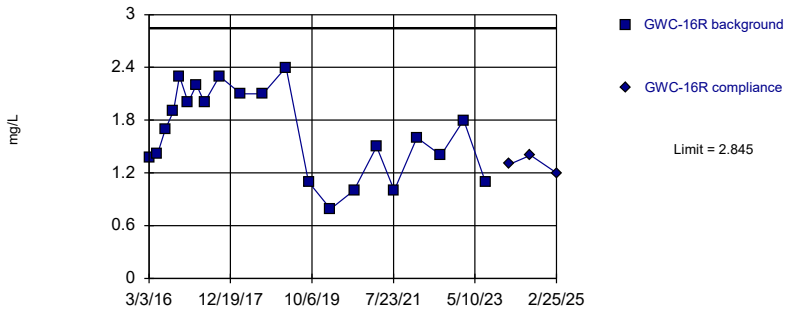
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.67, Std. Dev.=0.4925, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9482, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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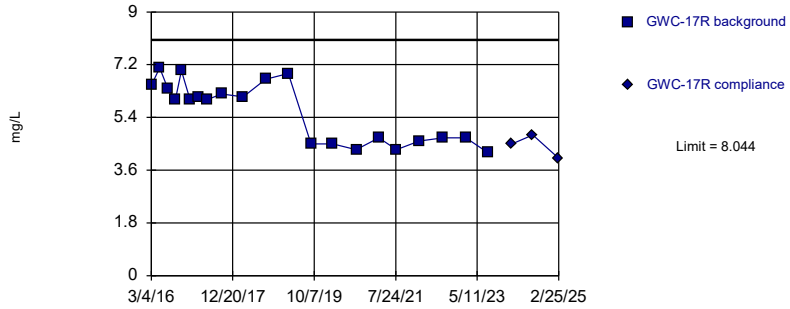
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.595, Std. Dev.=1.026, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8737, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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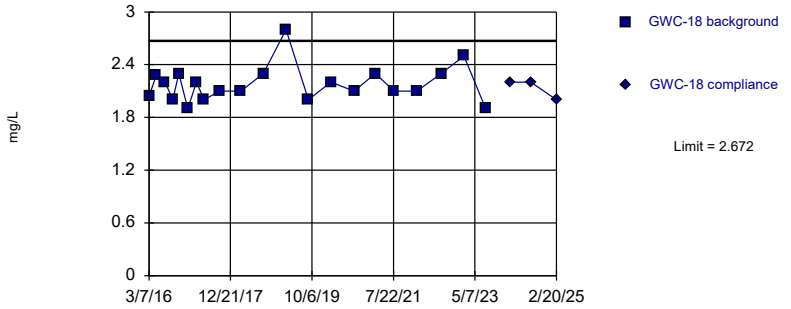
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.177, Std. Dev.=0.2073, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8871, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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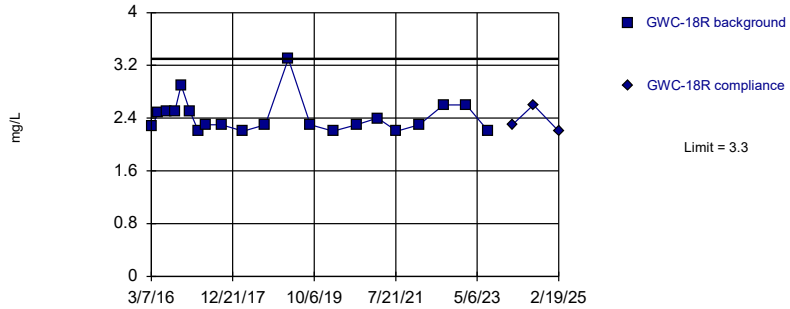
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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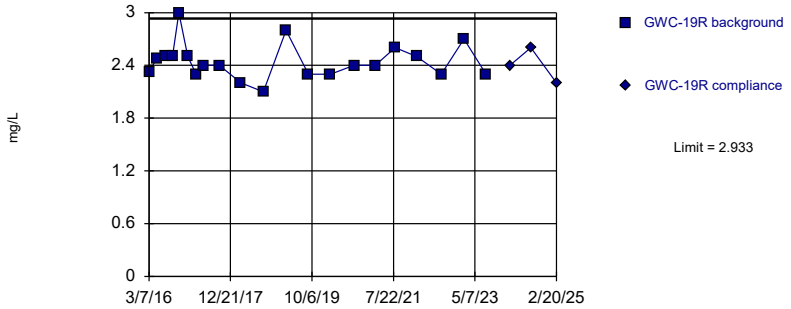
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.443, Std. Dev.=0.2053, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9155, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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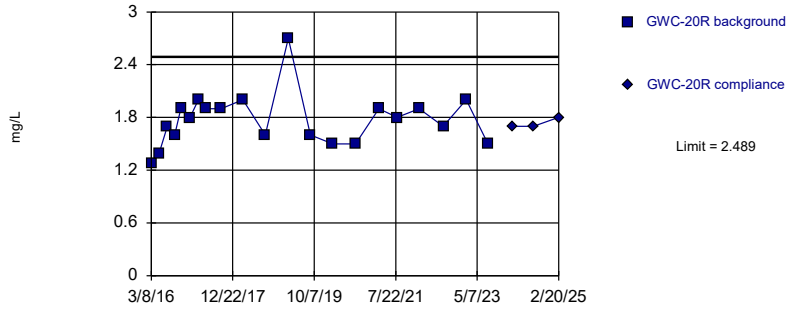
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.77, Std. Dev.=0.3016, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8929, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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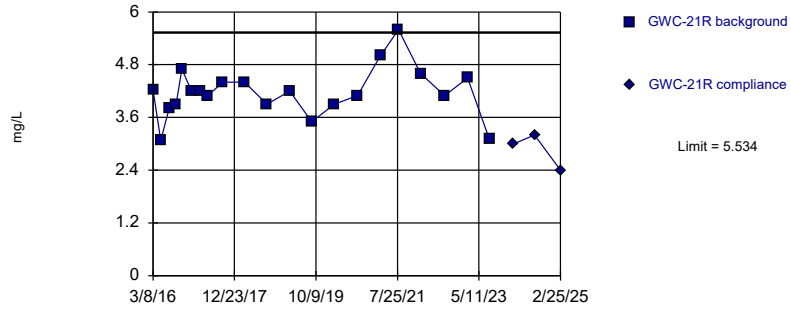
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.167, Std. Dev.=0.5732, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9513, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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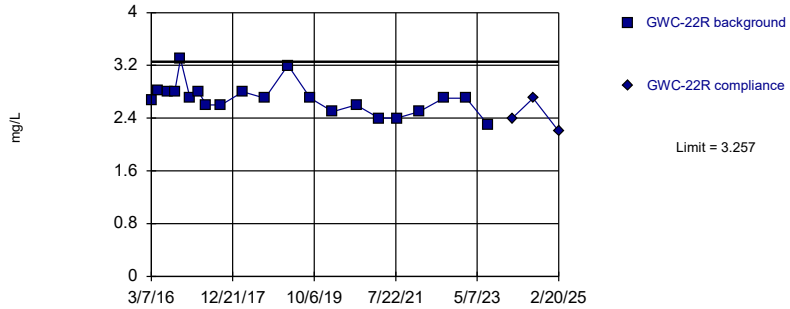
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.694, Std. Dev.=0.2358, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8987, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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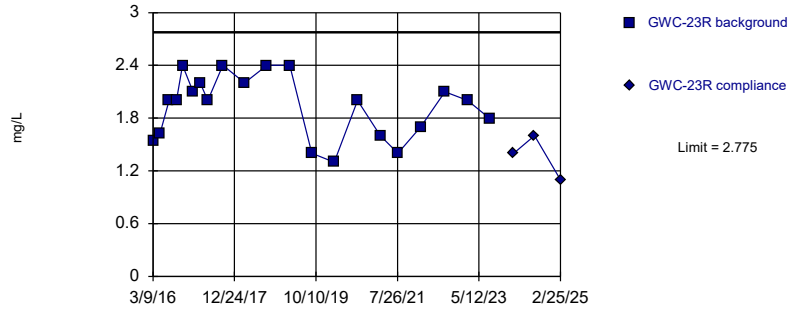
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.932, Std. Dev.=0.3532, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9285, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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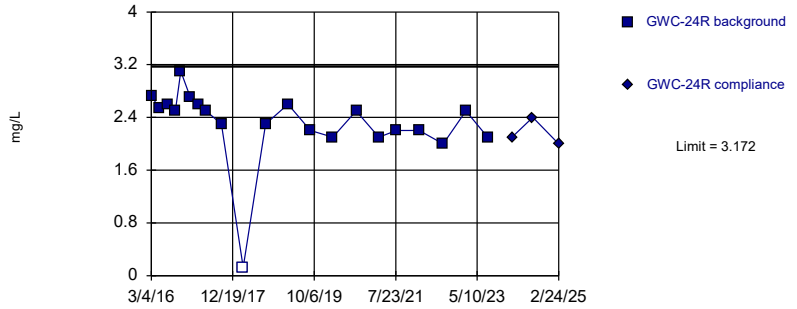
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=5.639, Std. Dev.=1.853, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8938, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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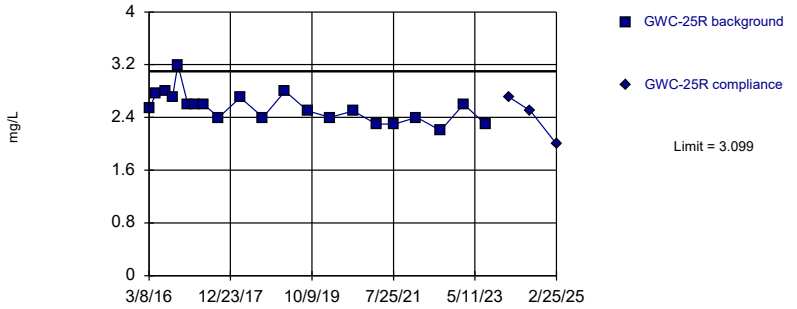
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.552, Std. Dev.=0.2293, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9314, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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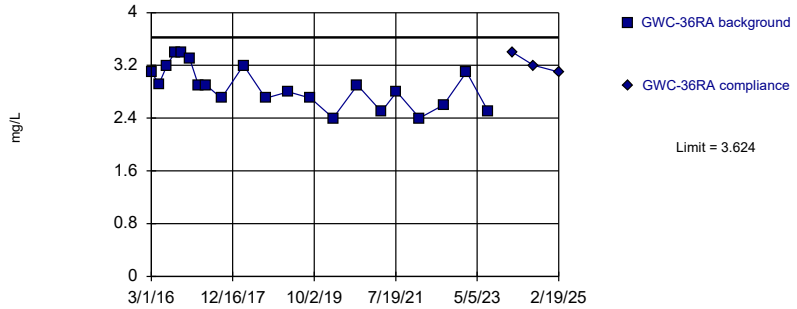
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.877, Std. Dev.=0.3129, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9536, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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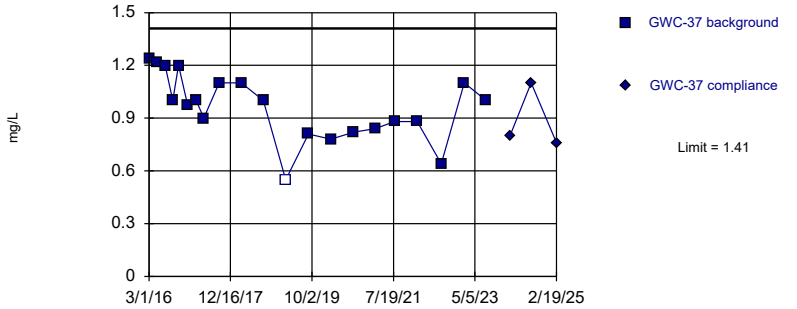
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.9633, Std. Dev.=0.1873, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9591, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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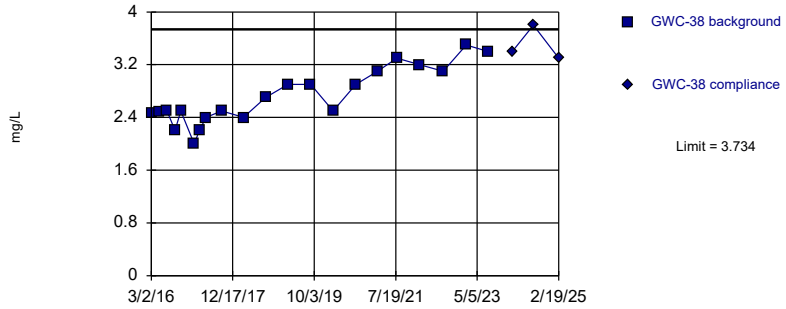
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.721, Std. Dev.=0.4245, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9463, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Chloride Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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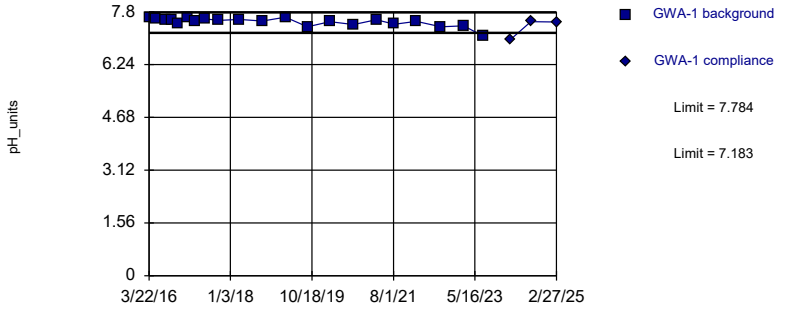
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^5 transformation): Mean=23844, Std. Dev.=1981, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8802, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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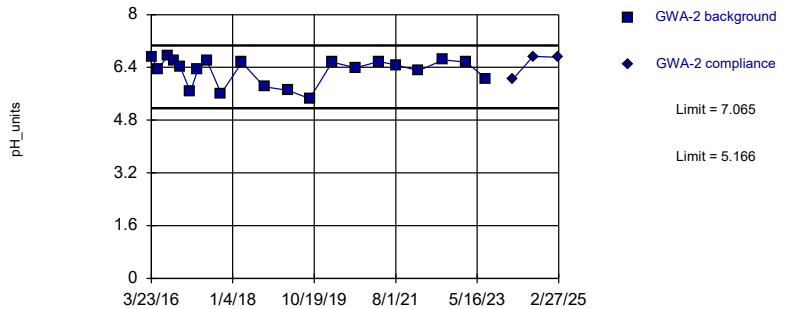
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^4 transformation): Mean=1602, Std. Dev.=372.7, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8809, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:23 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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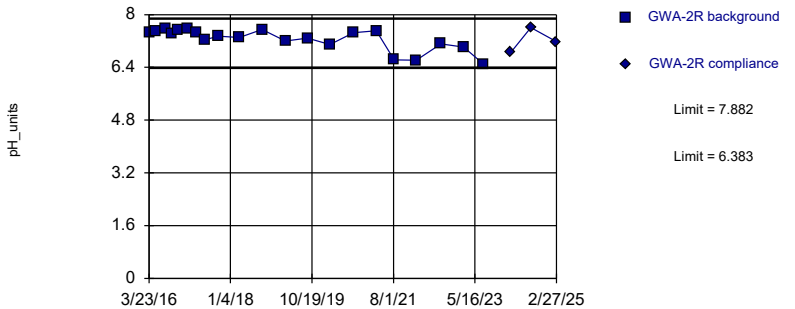
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^5 transformation): Mean=20509, Std. Dev.=4155, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8786, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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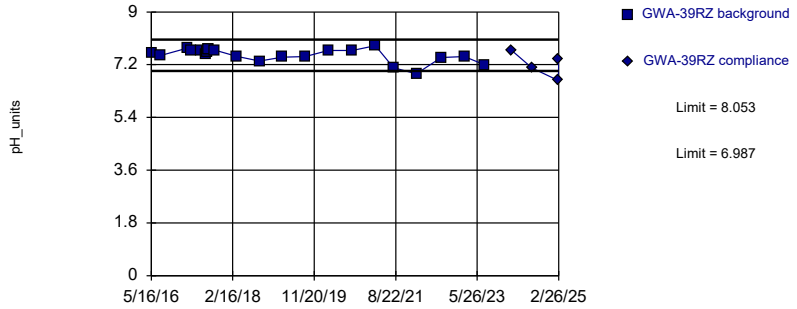
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=56.84, Std. Dev.=3.414, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8904, critical = 0.881. Kappa = 2.348 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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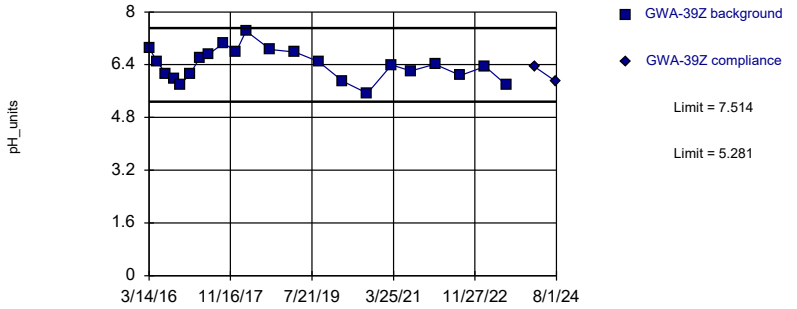
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.397, Std. Dev.=0.4716, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9886, critical = 0.878. Kappa = 2.367 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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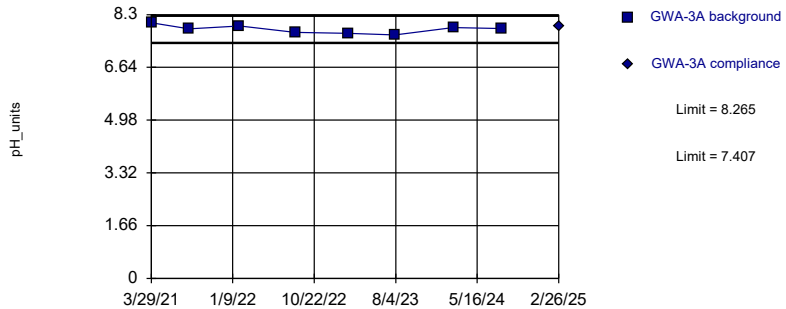
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.836, Std. Dev.=0.1266, n=8. Normality test: Shapiro Wilk @alpha = 0.1, calculated = 0.9675, critical = 0.851. Kappa = 3.39 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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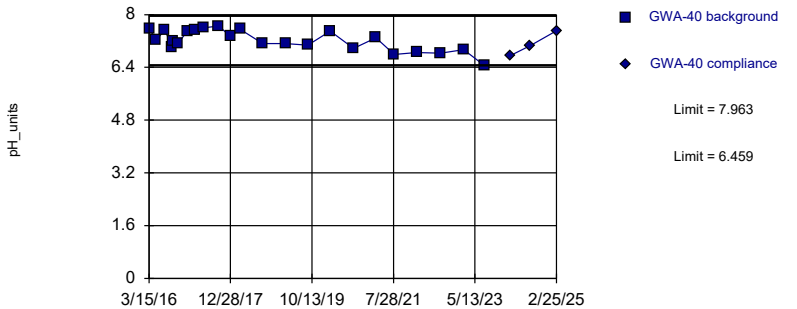
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.211, Std. Dev.=0.3203, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.945, critical = 0.881. Kappa = 2.348 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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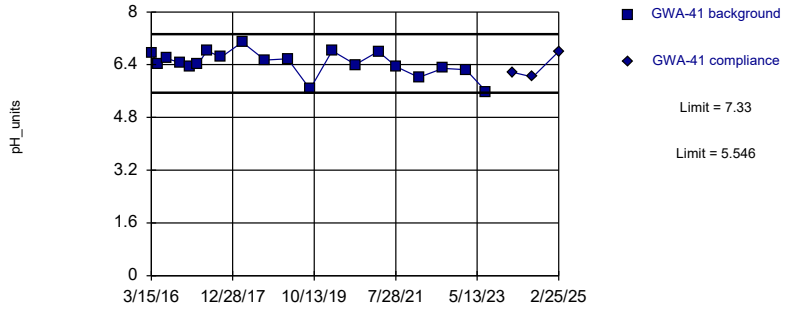
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.438, Std. Dev.=0.3708, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9329, critical = 0.868. Kappa = 2.406 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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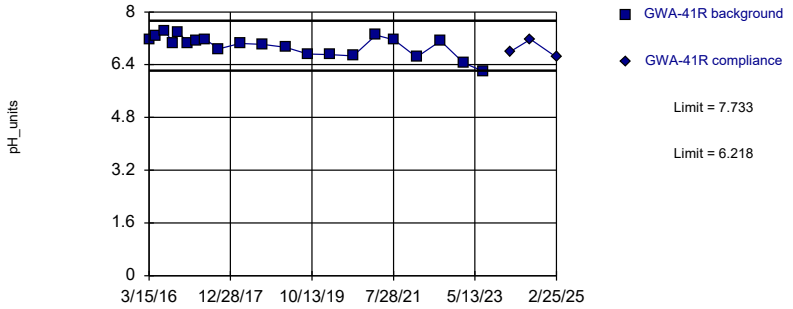
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.976, Std. Dev.=0.3175, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9412, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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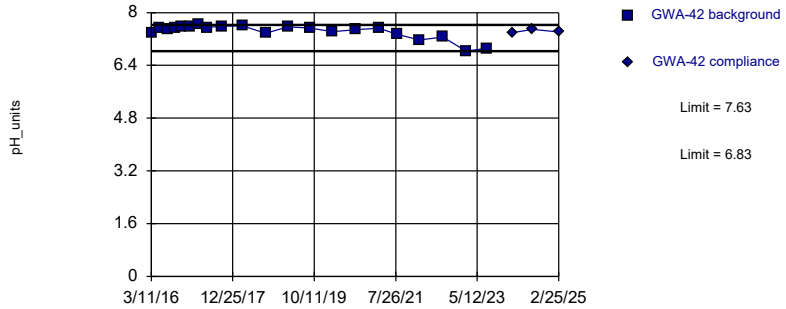
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 21 background values. Well-constituent pair annual alpha = 0.01596. Individual comparison alpha = 0.007998 (1 of 2).

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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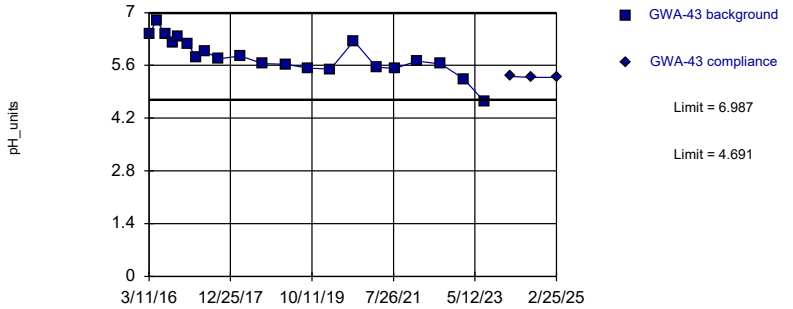
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.839, Std. Dev.=0.4811, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.961, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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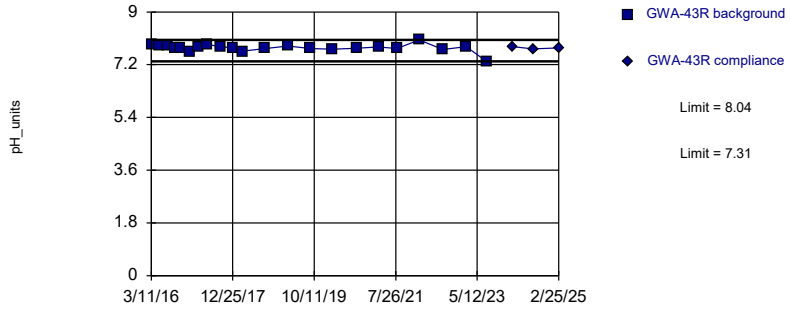
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 22 background values. Well-constituent pair annual alpha = 0.0148. Individual comparison alpha = 0.007415 (1 of 2).

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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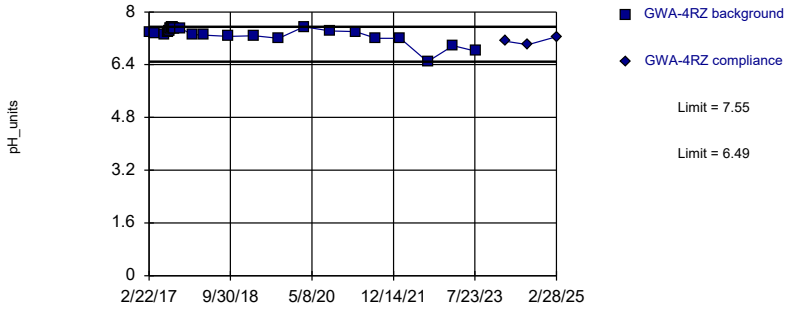
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 27 background values. Well-constituent pair annual alpha = 0.009996. Individual comparison alpha = 0.005004 (1 of 2).

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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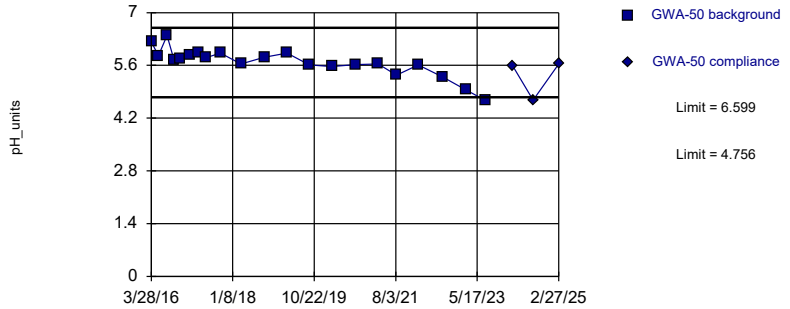
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.678, Std. Dev.=0.386, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9209, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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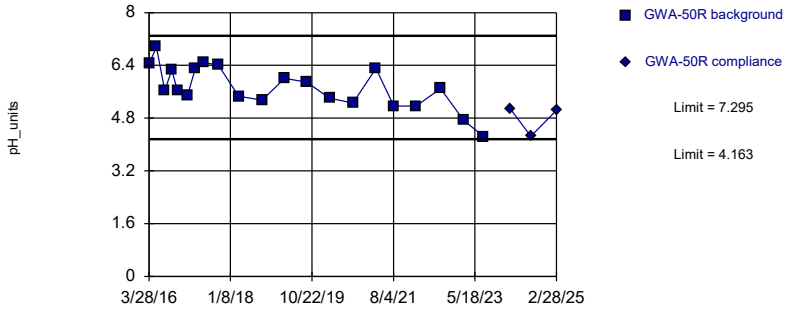
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.729, Std. Dev.=0.6561, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9736, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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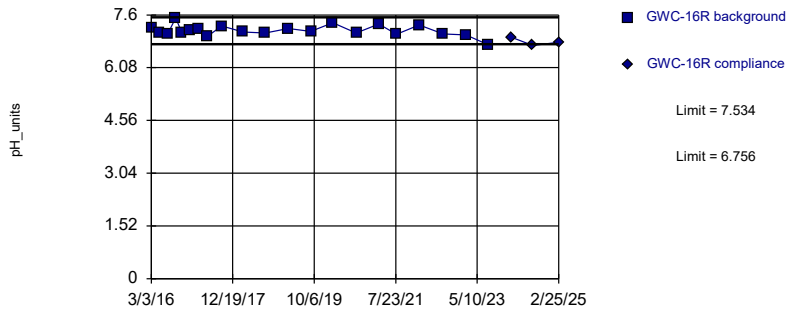
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.145, Std. Dev.=0.1629, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9605, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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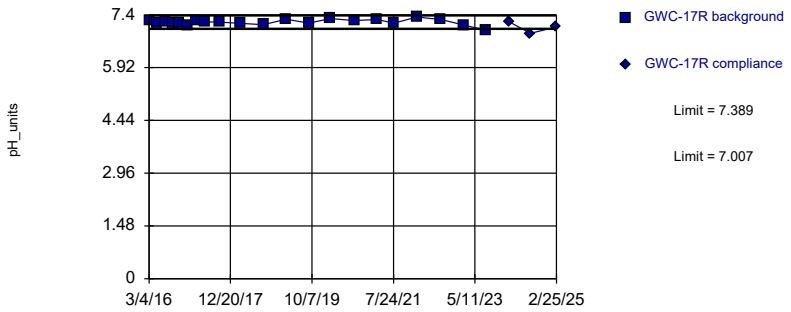
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.198, Std. Dev.=0.08004, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9439, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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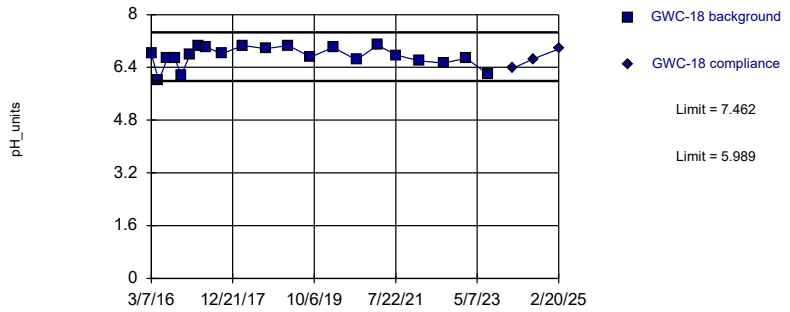
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.726, Std. Dev.=0.3086, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8845, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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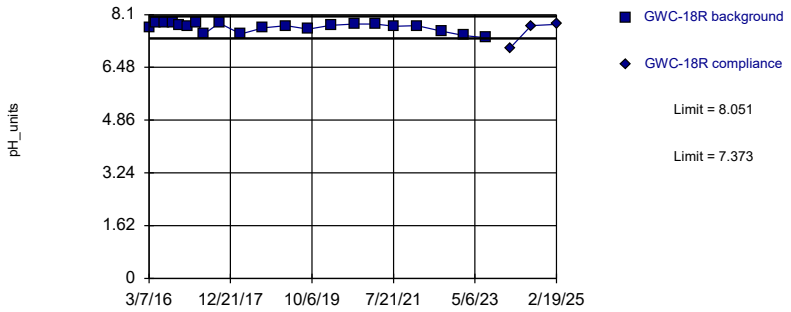
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.712, Std. Dev.=0.142, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8836, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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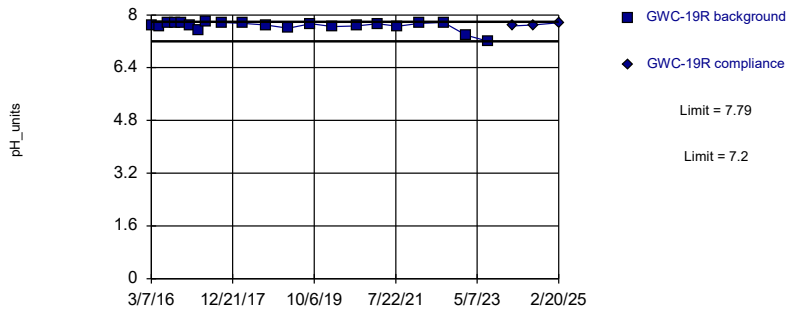
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 21 background values. Well-constituent pair annual alpha = 0.01596. Individual comparison alpha = 0.007998 (1 of 2).

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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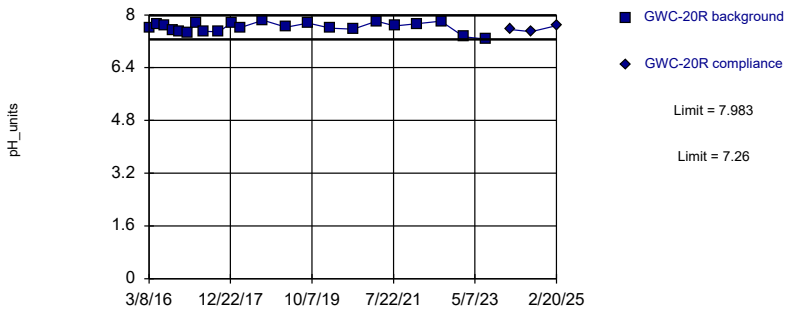
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.621, Std. Dev.=0.1526, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.954, critical = 0.878. Kappa = 2.367 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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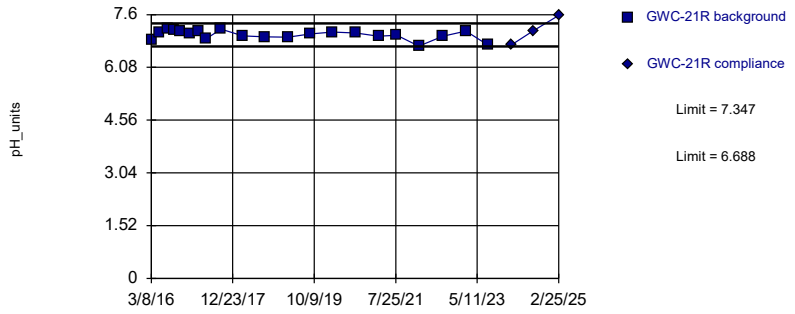
Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.017, Std. Dev.=0.1381, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9262, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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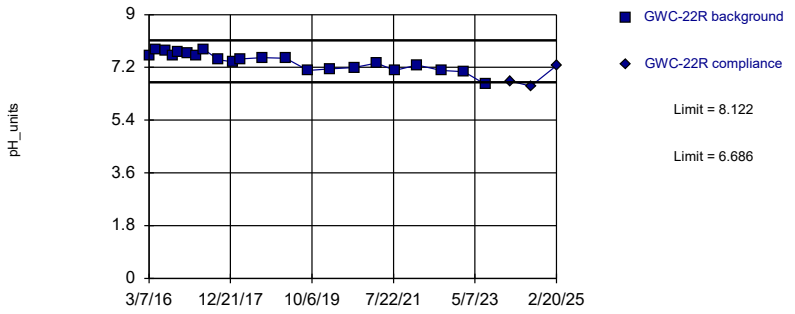
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.404, Std. Dev.=0.3033, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9378, critical = 0.878. Kappa = 2.367 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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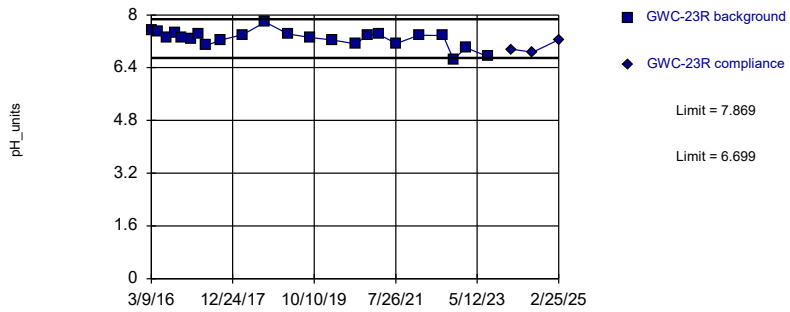
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.284, Std. Dev.=0.2493, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.918, critical = 0.881. Kappa = 2.348 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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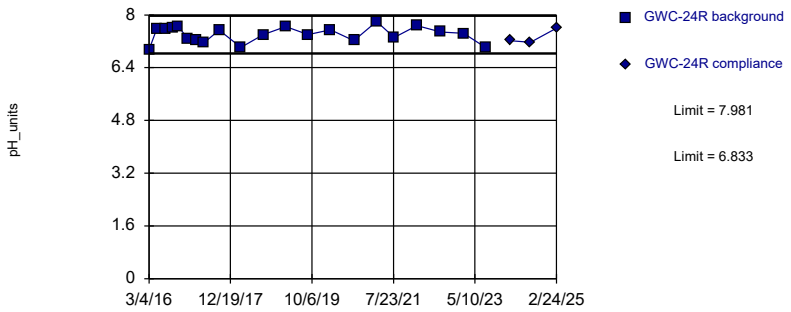
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.407, Std. Dev.=0.2405, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9537, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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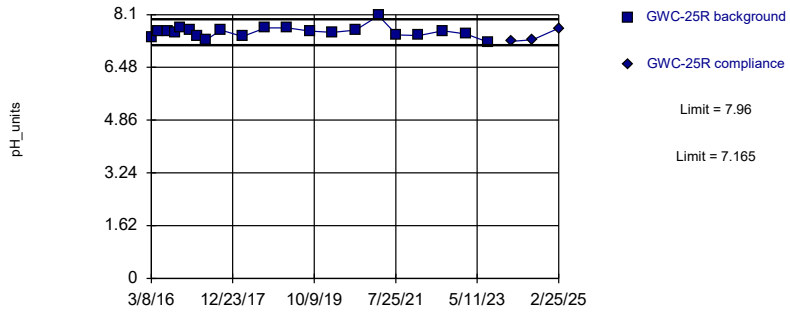
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.562, Std. Dev.=0.1664, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8988, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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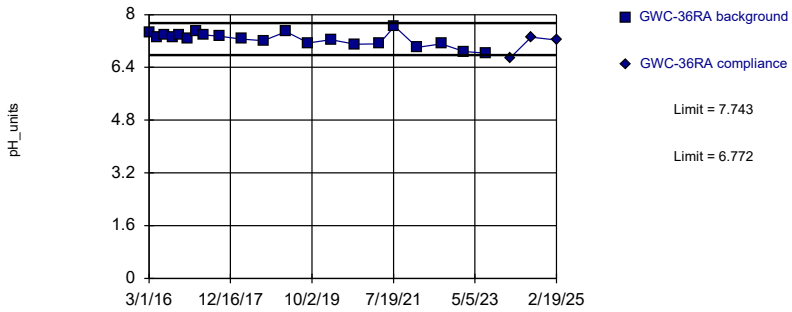
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.257, Std. Dev.=0.2036, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9744, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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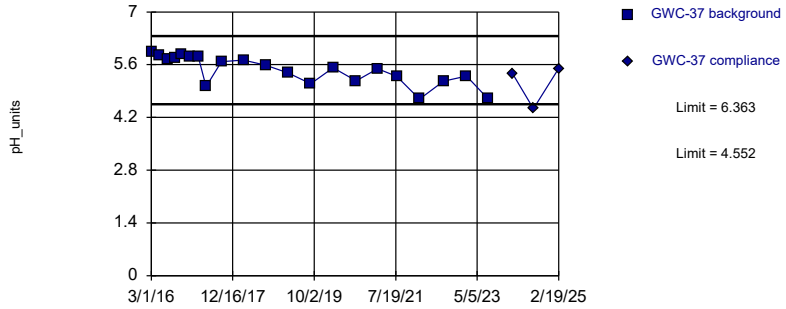
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.458, Std. Dev.=0.3795, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9195, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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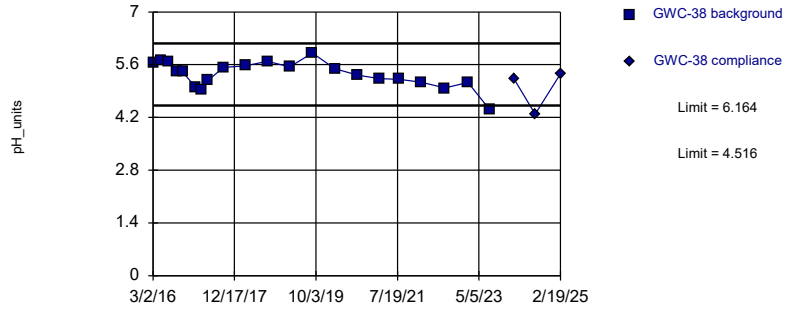
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.34, Std. Dev.=0.3451, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.952, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: pH Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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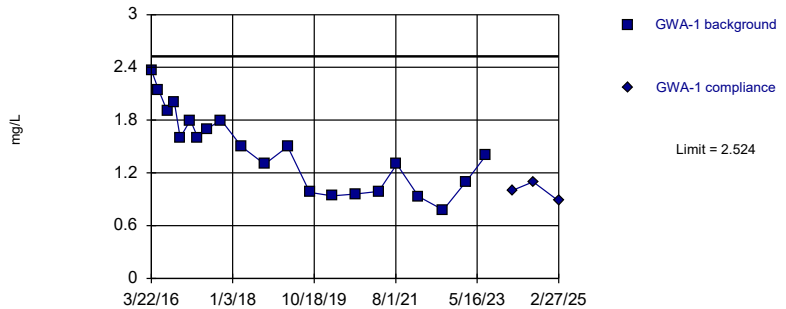
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.457, Std. Dev.=0.4474, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9588, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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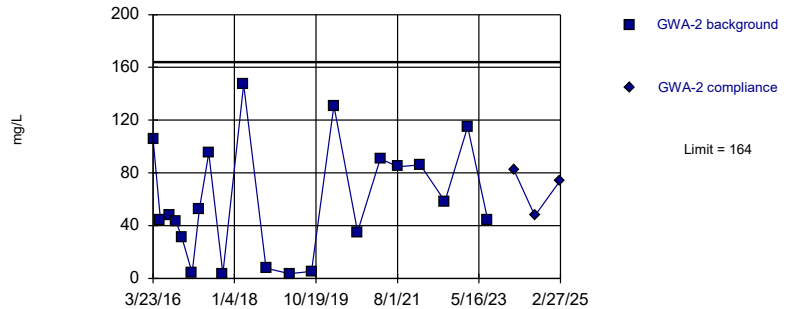
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=58.87, Std. Dev.=44.05, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9346, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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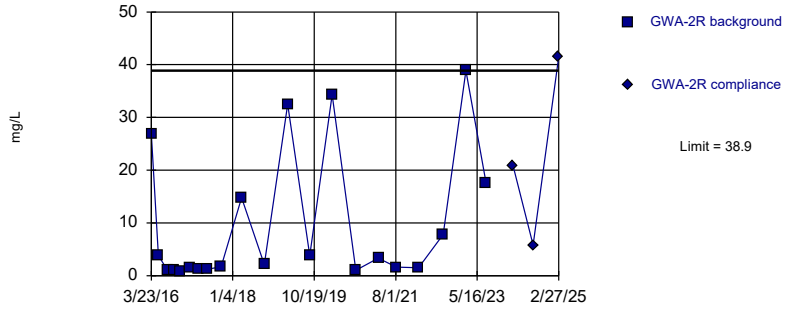
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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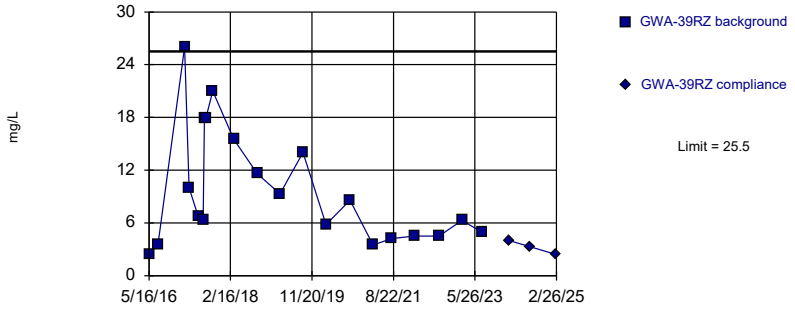
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=9.752, Std. Dev.=6.6, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8802, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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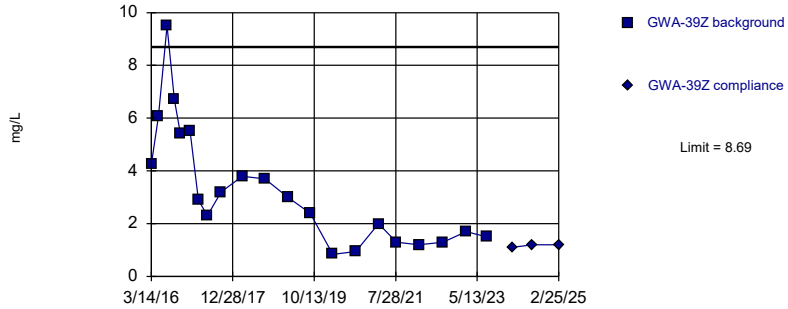
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.31, Std. Dev.=2.255, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8913, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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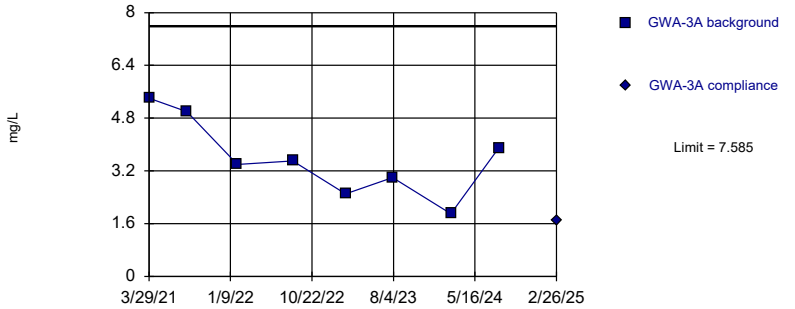
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.575, Std. Dev.=1.183, n=8. Normality test: Shapiro Wilk @alpha = 0.1, calculated = 0.9633, critical = 0.851. Kappa = 3.39 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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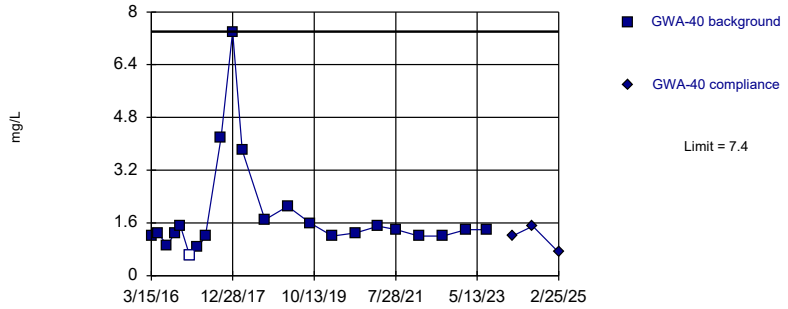
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 22 background values. 4.545% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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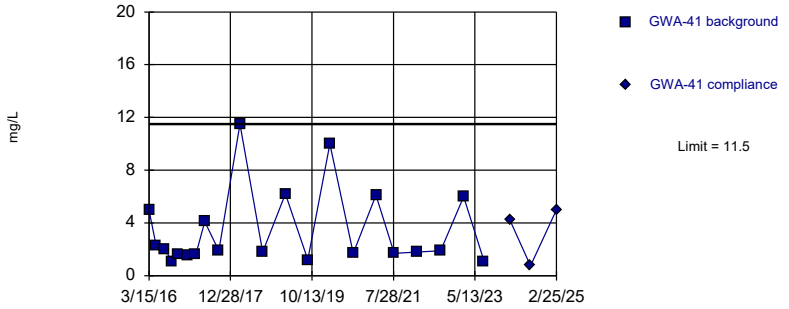
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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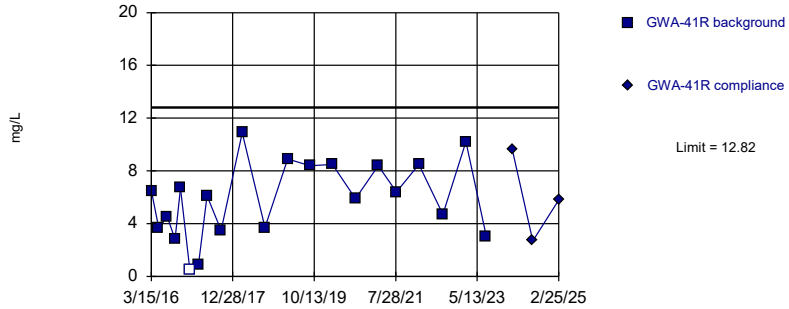
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.842, Std. Dev.=2.922, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9665, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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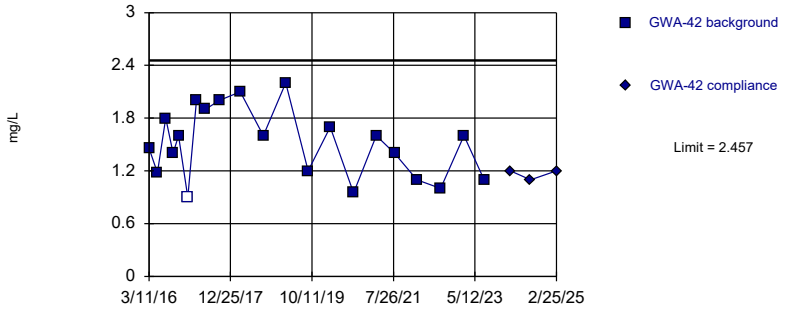
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.514, Std. Dev.=0.3952, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9573, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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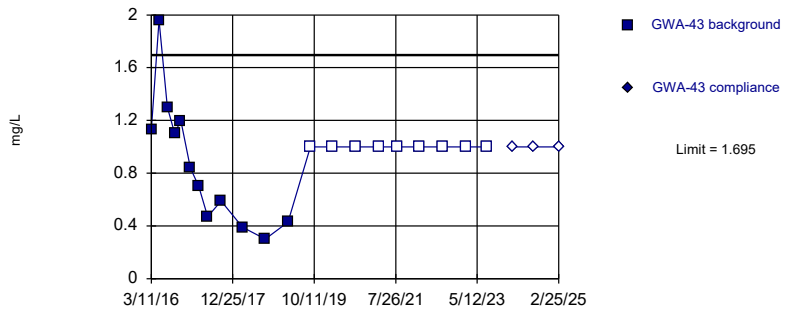
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7235, Std. Dev.=0.4069, n=21, 42.86% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8832, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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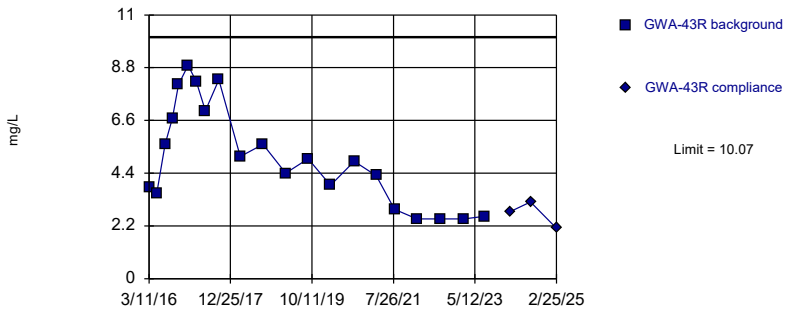
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.066, Std. Dev.=2.097, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9199, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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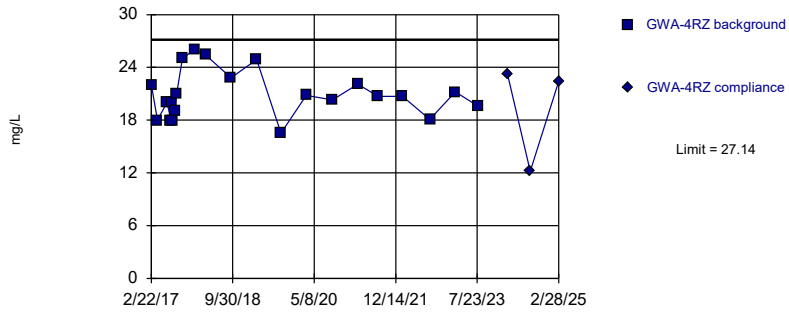
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=20.91, Std. Dev.=2.63, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9432, critical = 0.878. Kappa = 2.367 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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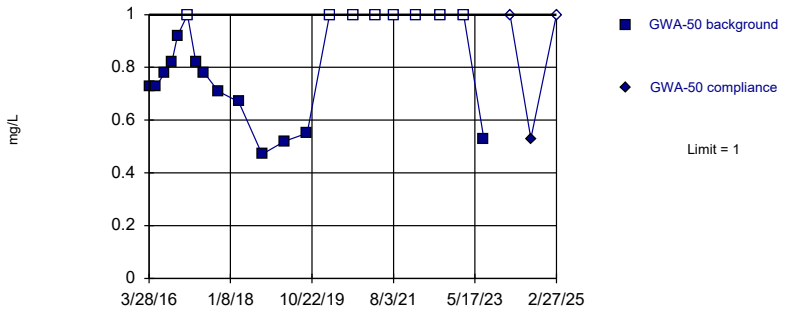
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. 38.1% NDs. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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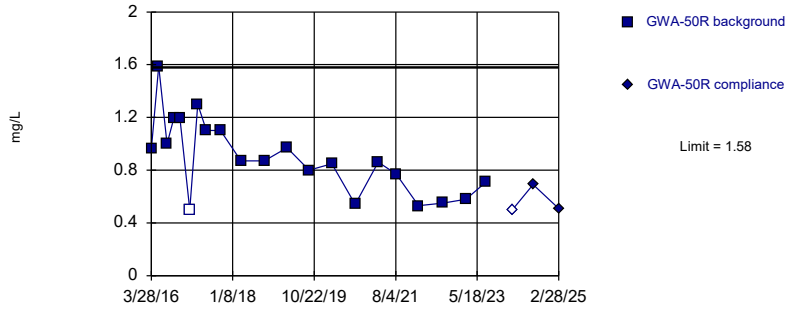
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.8976, Std. Dev.=0.2859, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9541, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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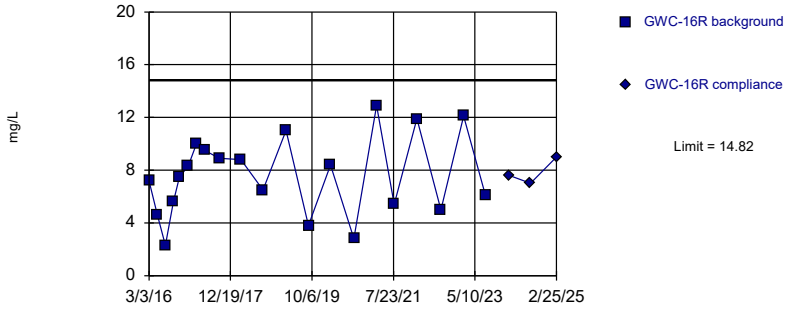
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.551, Std. Dev.=3.048, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9776, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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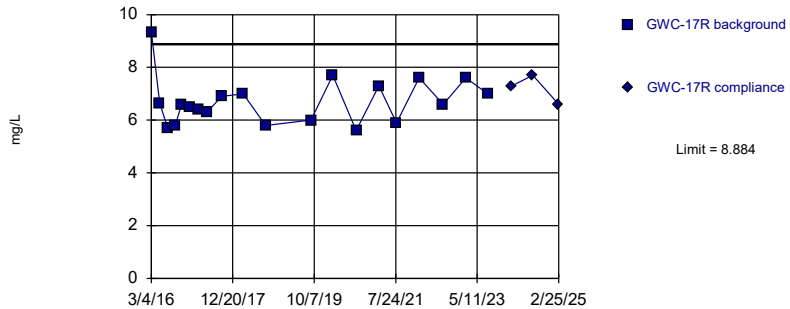
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.715, Std. Dev.=0.9017, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.902, critical = 0.868. Kappa = 2.406 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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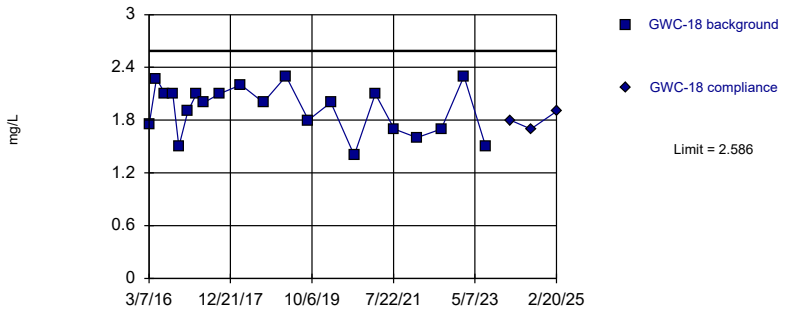
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.925, Std. Dev.=0.2773, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9318, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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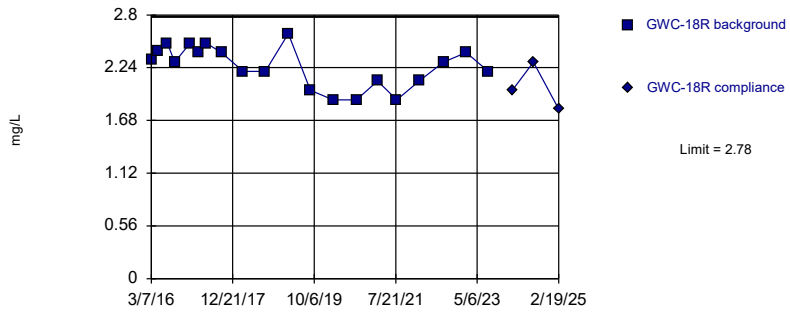
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.257, Std. Dev.=0.2175, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9337, critical = 0.868. Kappa = 2.406 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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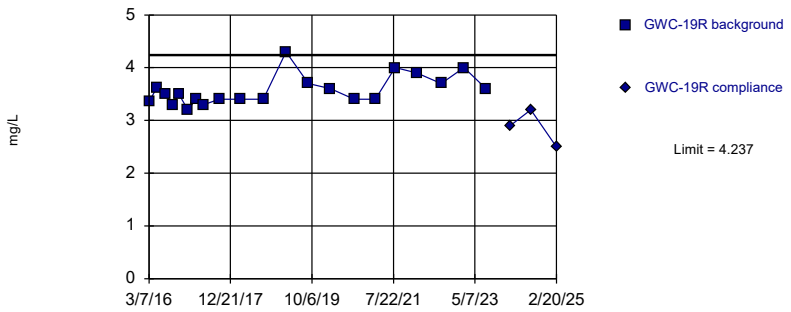
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.57, Std. Dev.=0.2794, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.887, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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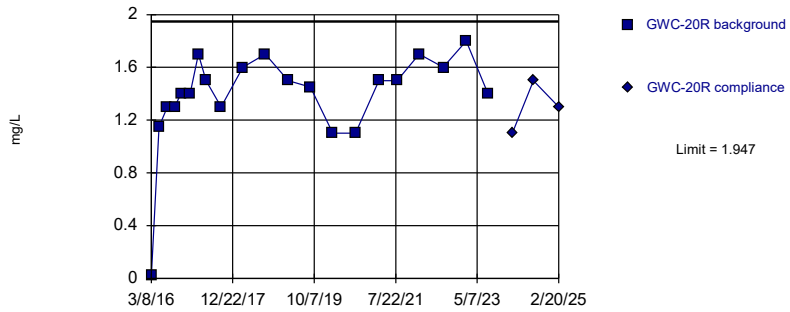
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=2.039, Std. Dev.=0.7338, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9419, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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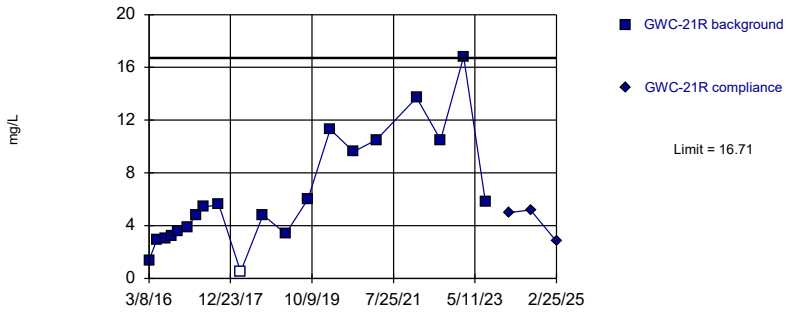
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.336, Std. Dev.=4.312, n=20, 5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9025, critical = 0.868. Kappa = 2.406 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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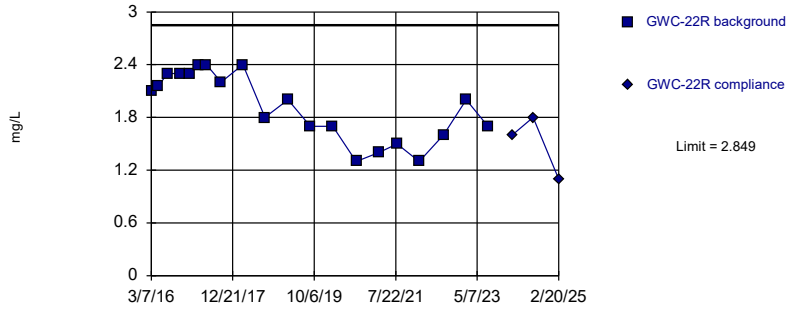
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.928, Std. Dev.=0.3827, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9102, critical = 0.868. Kappa = 2.406 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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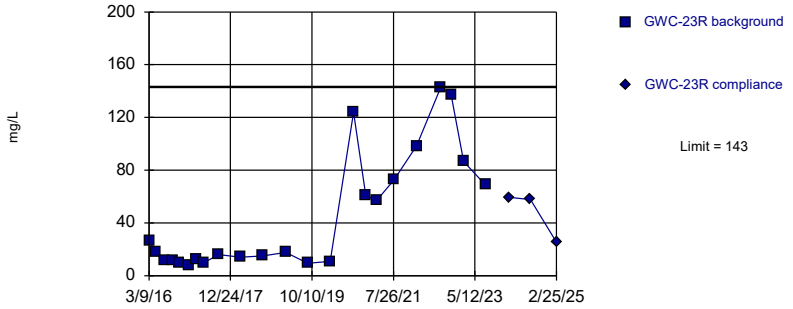
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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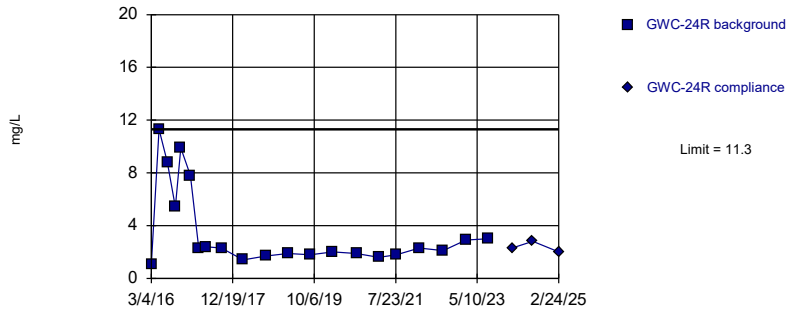
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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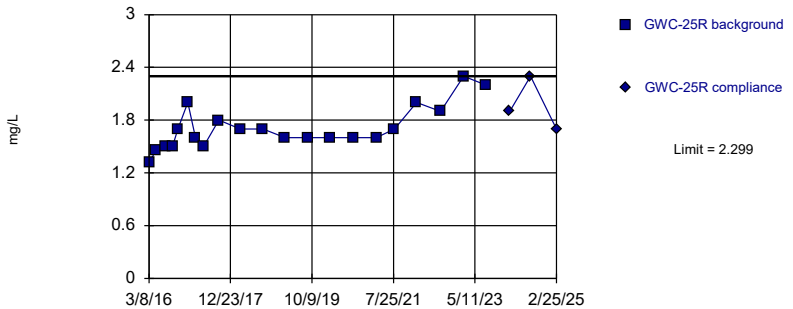
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.708, Std. Dev.=0.2474, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9041, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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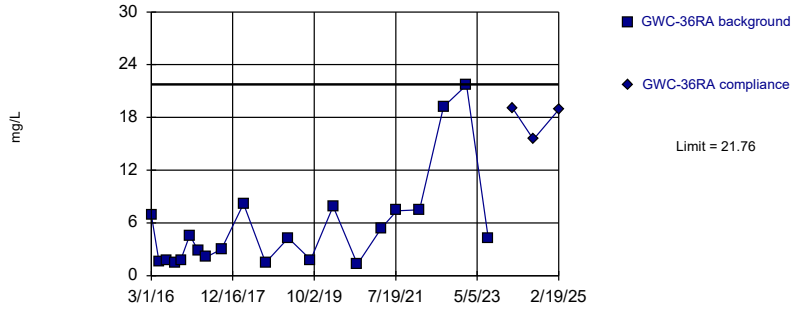
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=1.631, Std. Dev.=0.4865, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8808, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:24 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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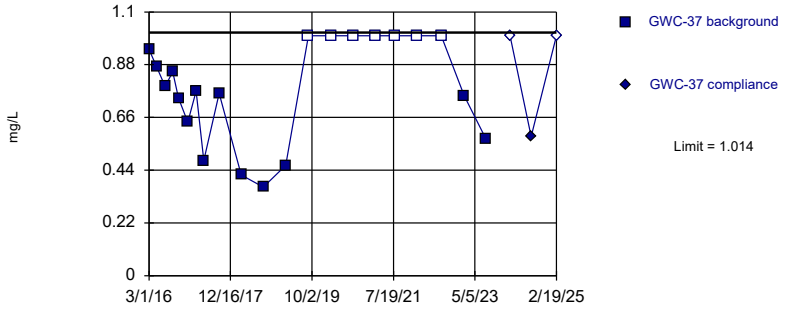
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation) (after Kaplan-Meier Adjustment): Mean=0.483, Std. Dev.=0.2284, n=21, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8782, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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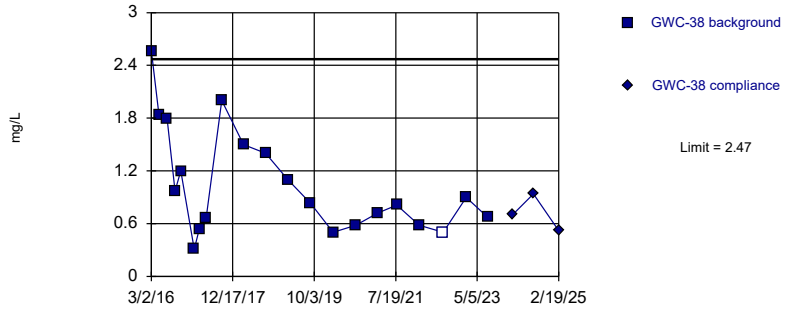
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.046, Std. Dev.=0.5966, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8914, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Sulfate Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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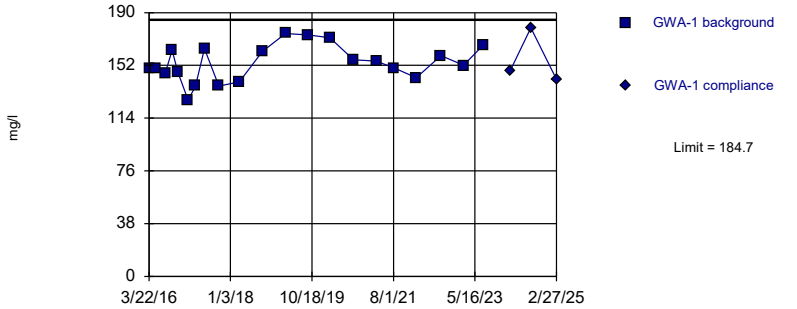
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=153.6, Std. Dev.=13.03, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.979, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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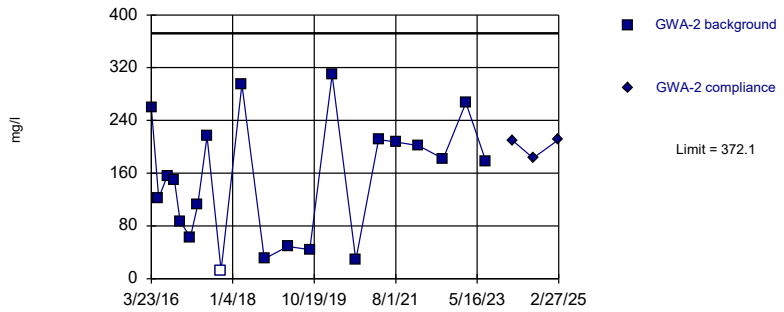
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=151.4, Std. Dev.=92.48, n=21, 4.762% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9508, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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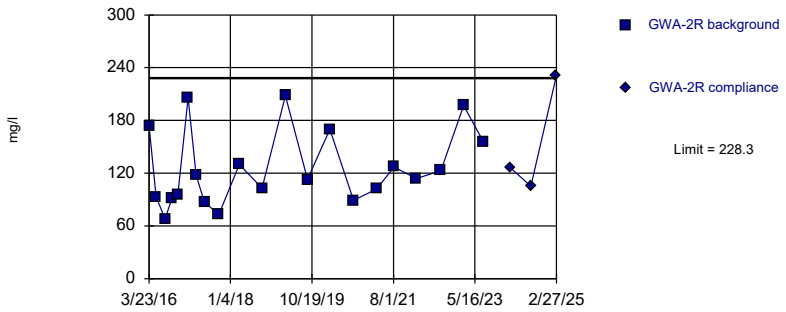
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=125.6, Std. Dev.=43.03, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9048, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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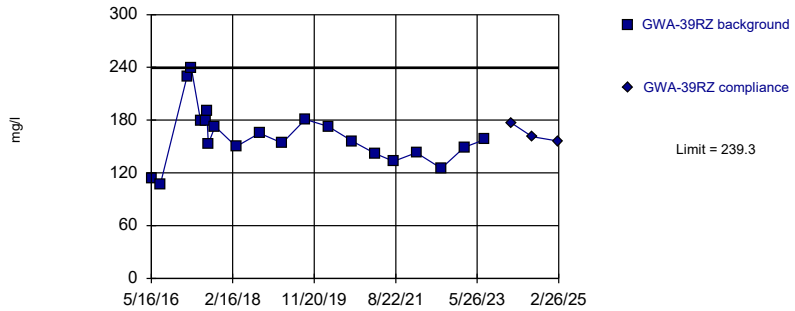
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=161.6, Std. Dev.=32.58, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9455, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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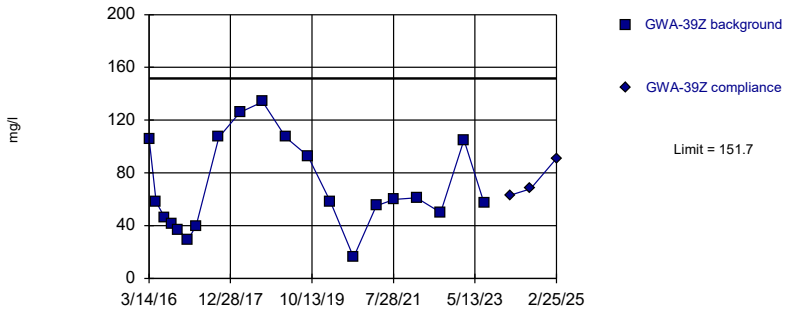
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=69.3, Std. Dev.=34.24, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9138, critical = 0.868. Kappa = 2.406 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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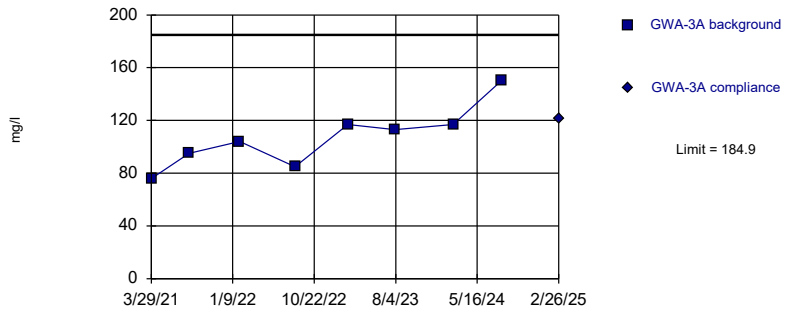
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=107.1, Std. Dev.=22.94, n=8. Normality test: Shapiro Wilk @alpha = 0.1, calculated = 0.9532, critical = 0.851. Kappa = 3.39 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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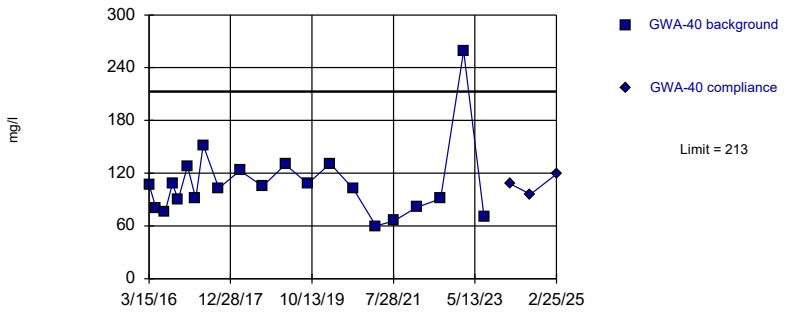
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=4.697, Std. Dev.=0.5343, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8953, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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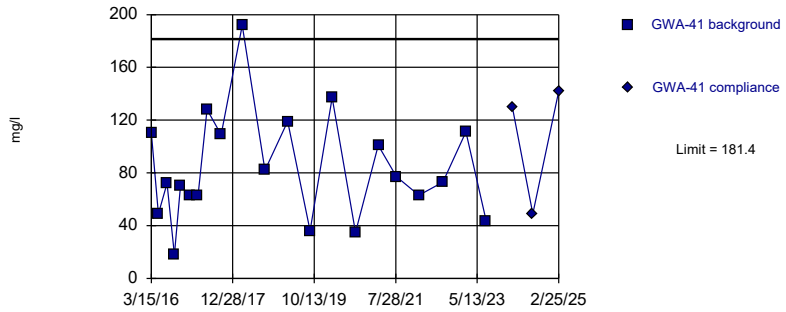
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=83.38, Std. Dev.=41.08, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9524, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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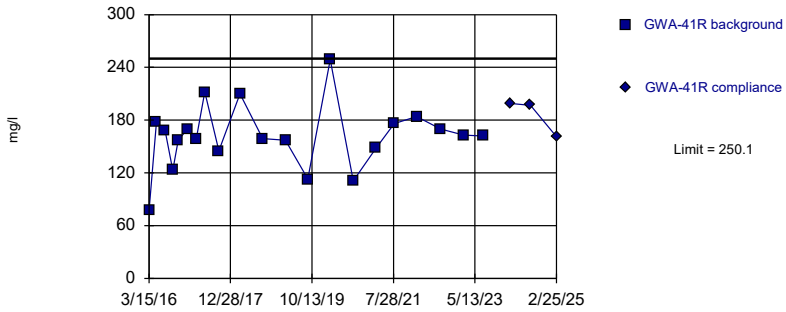
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=161.5, Std. Dev.=37.15, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9535, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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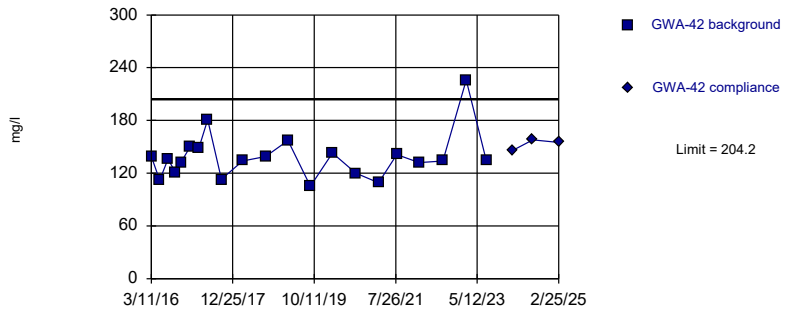
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=5.155, Std. Dev.=0.3076, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8828, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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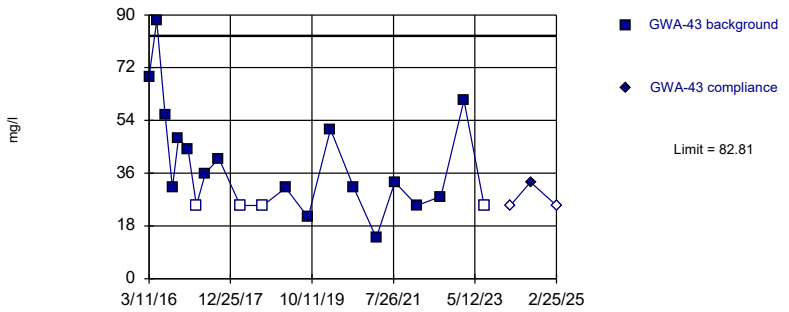
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=36.31, Std. Dev.=19.49, n=21, 19.05% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8893, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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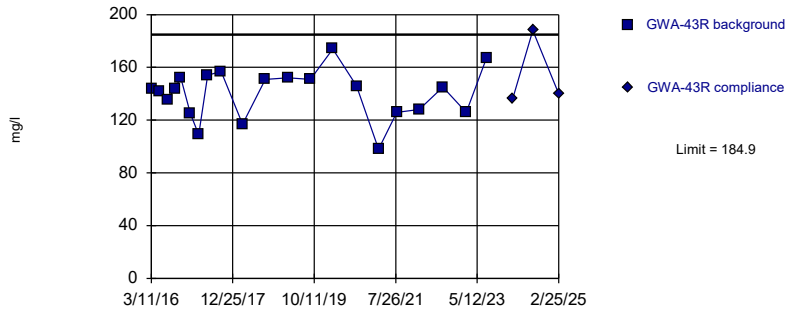
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=140.1, Std. Dev.=18.76, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.965, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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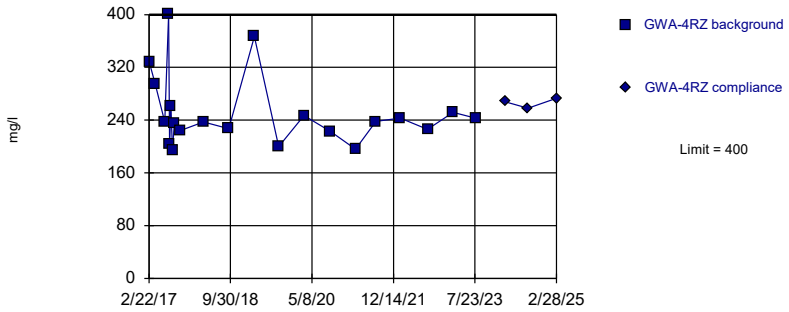
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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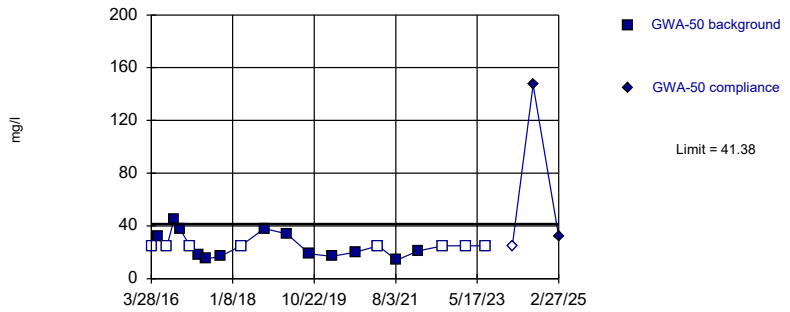
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=21.19, Std. Dev.=8.46, n=21, 38.1% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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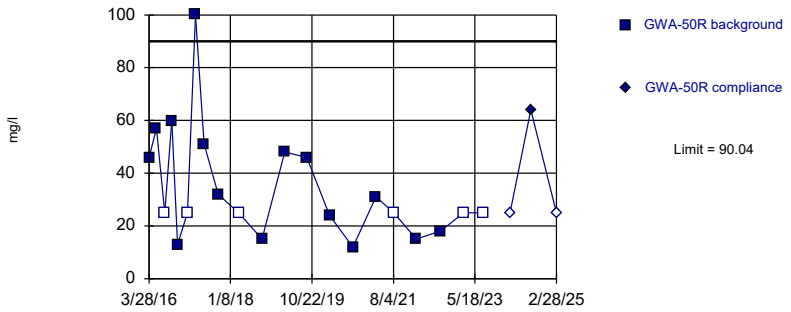
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=5.18, Std. Dev.=1.805, n=21, 28.57% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9129, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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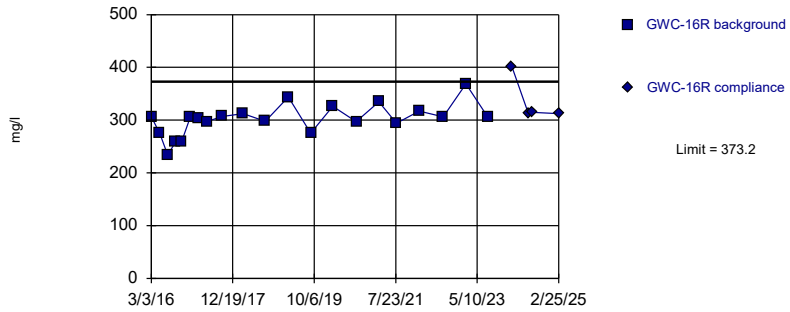
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=301.3, Std. Dev.=30.12, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9599, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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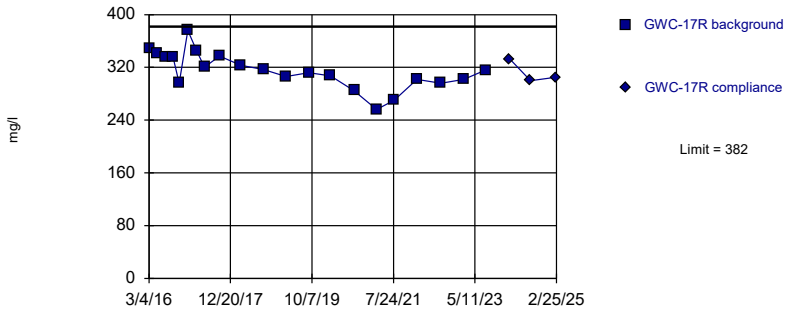
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=315.6, Std. Dev.=27.83, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9855, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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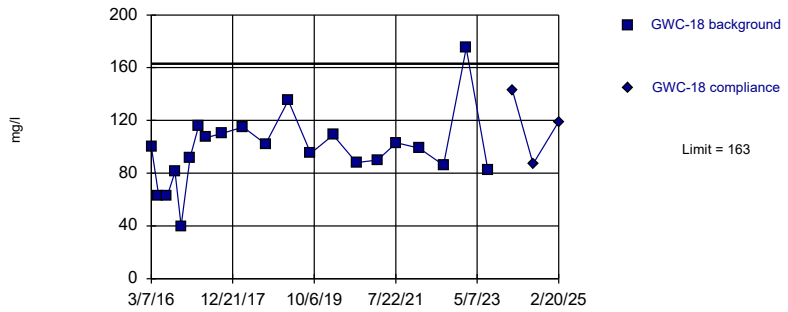
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=97.67, Std. Dev.=27.4, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9328, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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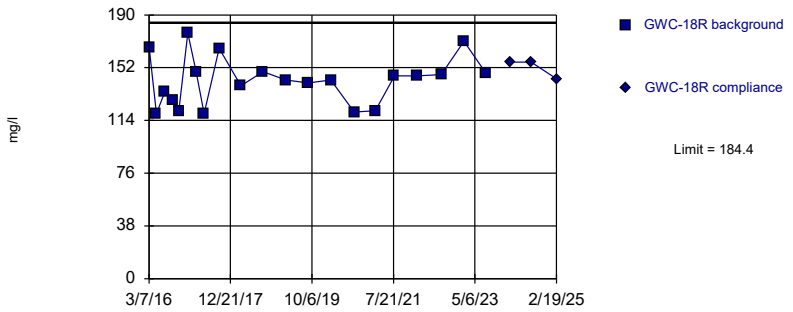
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=142.7, Std. Dev.=17.47, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9269, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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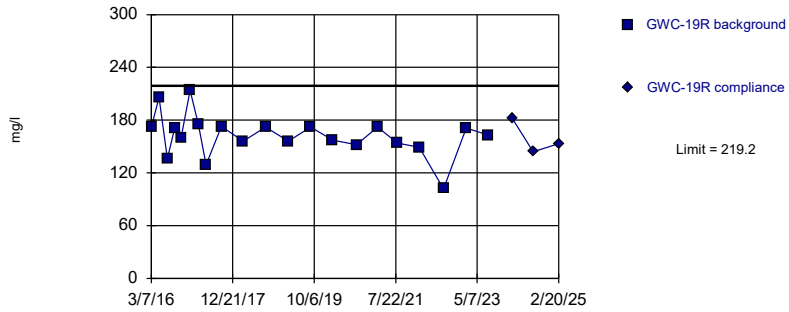
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=162.5, Std. Dev.=23.76, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9167, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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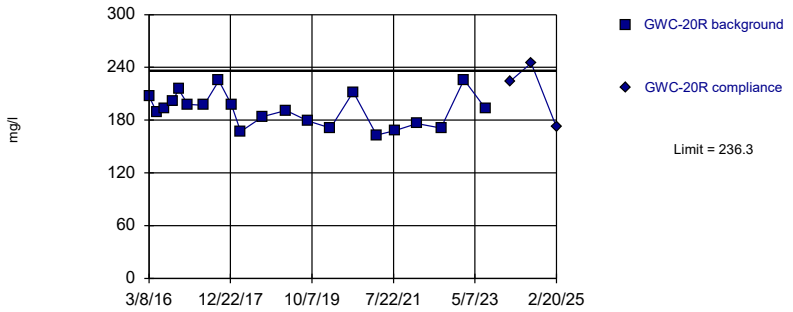
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=191.6, Std. Dev.=18.71, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9596, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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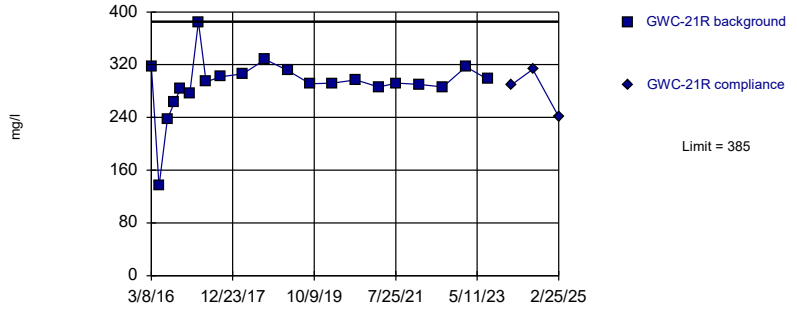
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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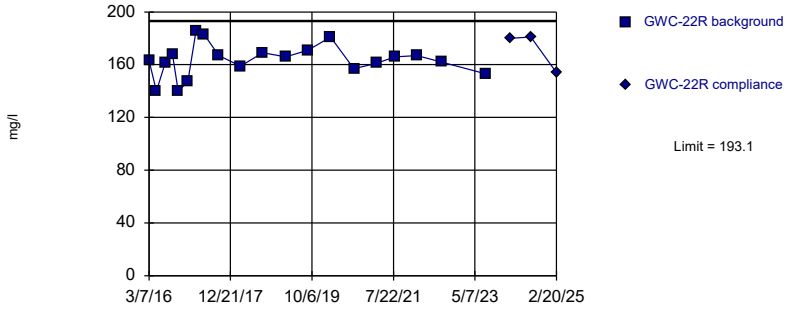
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=163.4, Std. Dev.=12.36, n=20. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9512, critical = 0.868. Kappa = 2.406 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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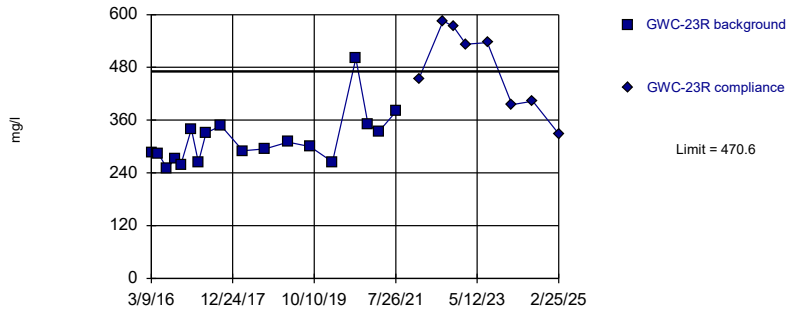
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=5.736, Std. Dev.=0.1694, n=18. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9047, critical = 0.897. Kappa = 2.468 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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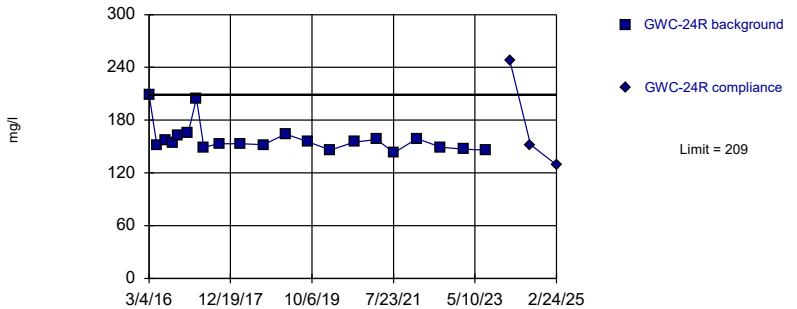
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 21 background values. Well-constituent pair annual alpha = 0.007982. Individual comparison alpha = 0.003999 (1 of 2).

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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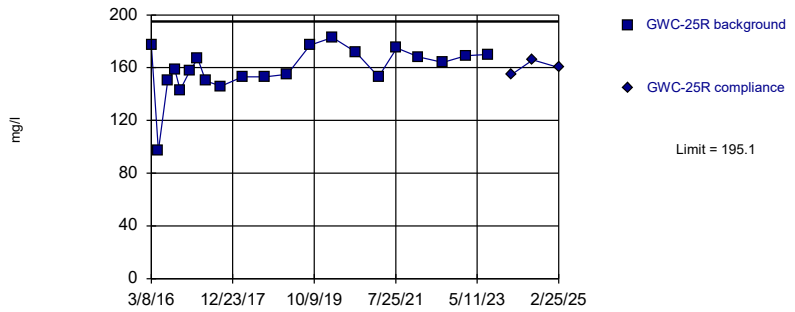
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=25595, Std. Dev.=5225, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8986, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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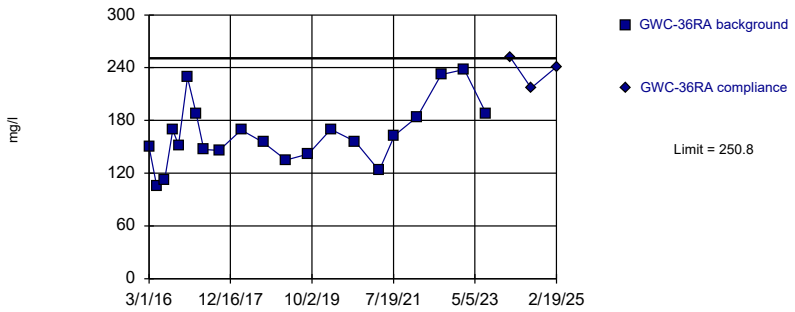
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=164.5, Std. Dev.=36.16, n=21. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9387, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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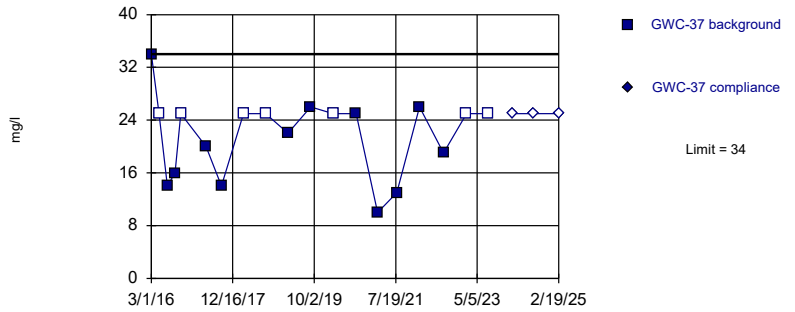
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 19 background values. 36.84% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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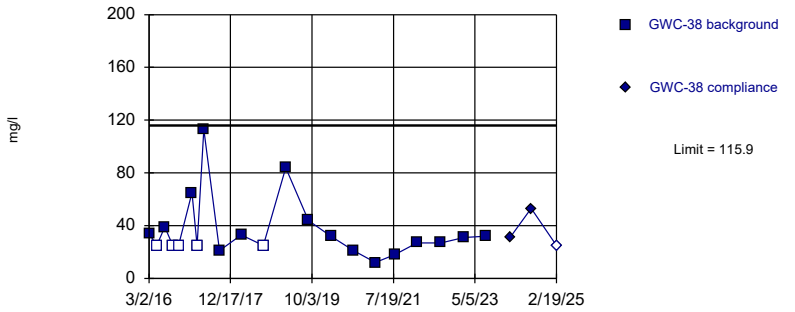
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=3.269, Std. Dev.=0.6219, n=21, 23.81% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9079, critical = 0.873. Kappa = 2.386 (c=7, w=15, 1 of 2, event alpha = 0.05132). Report alpha = 0.0005016.

Constituent: Total Dissolved Solids Analysis Run 5/20/2025 5:25 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1	GWA-1
3/22/2016	1.5101	
5/19/2016	1.5	
7/29/2016	1.7	
9/23/2016	1.8	
11/9/2016	2	
1/30/2017	1.5	
3/30/2017	1.8	
6/9/2017	1.6	
10/2/2017	1.6	
3/16/2018	1.7	
9/17/2018	1.55 (D)	
3/20/2019	<1.4	
9/12/2019	1.3	
3/11/2020	1.4	
9/15/2020	1.3	
3/16/2021	1.3	
8/9/2021	1.3	
2/1/2022	1.2	
8/16/2022	0.99 (J)	
2/16/2023	1.2	
7/27/2023	1.2	
2/22/2024		1.1
8/7/2024		1.3
2/27/2025		0.93 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2	GWA-2
3/23/2016	2.4904	
5/20/2016	1.71	
7/29/2016	2	
9/23/2016	1.8	
11/9/2016	1.6	
1/31/2017	1.3	
3/30/2017	1.6	
6/12/2017	1.6	
10/2/2017	0.94	
3/19/2018	1.9	
9/14/2018	0.98	
3/20/2019	<0.86	
9/12/2019	0.815 (JD)	
3/11/2020	2	
9/15/2020	1.2	
3/17/2021	1.4	
8/9/2021	1.5	
2/1/2022	1.4	
8/16/2022	1.1	
2/16/2023	1.6	
7/27/2023	1.3	
2/22/2024		1.3
8/7/2024		1.4
2/27/2025		1.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2R	GWA-2R
3/23/2016	0.9079	
5/19/2016	0.9136	
7/29/2016	1.1	
9/22/2016	1	
11/10/2016	1.2	
1/31/2017	1.2	
4/3/2017	0.99	
6/9/2017	0.87	
10/2/2017	1	
3/16/2018	1.6	
9/14/2018	0.92	
3/19/2019	2	
9/13/2019	0.94 (J)	
3/11/2020	0.6 (J)	
9/15/2020	0.75 (J)	
3/16/2021	0.73 (J)	
8/9/2021	1.1	
2/1/2022	0.77 (J)	
8/16/2022	0.82 (J)	
2/16/2023	1.9	
7/27/2023	0.92 (J)	
2/26/2024		2
8/6/2024		1.1
2/27/2025		3.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	1.74 (D)	
7/27/2016	2.1 (D)	
2/21/2017	4 (D)	
3/27/2017	2.6 (D)	
6/8/2017	2.1 (D)	
7/17/2017	1.9 (D)	
7/27/2017	3 (D)	
8/9/2017	2.5 (D)	
9/29/2017	2.7 (D)	
3/16/2018	2.6	
9/14/2018	1.9	
3/14/2019	2.8	
9/10/2019	2.3	
3/9/2020	1.5	
9/16/2020	1.7	
3/16/2021	1.3	
8/6/2021	1.3	
2/2/2022	1.5	
8/16/2022	1.6	
2/14/2023	1.6	
7/25/2023	1.7	
2/19/2024		1.4
8/1/2024		1.5
2/26/2025		1.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39Z	GWA-39Z
3/14/2016	1.795	
5/11/2016	2.04	
7/19/2016	2.1	
9/15/2016	1.7	
11/2/2016	1.8	
1/18/2017	1.7	
3/28/2017	1.3	
6/7/2017	1.2	
9/26/2017	1.7	
3/14/2018	1.4	
9/12/2018	1.6	
3/15/2019	1.7	
9/9/2019	1.2	
3/9/2020	1.2	
9/10/2020	1.2	
3/12/2021	1.2	
8/4/2021	1.1	
1/31/2022	1	
8/10/2022	0.93 (J)	
2/13/2023	1.3	
7/26/2023	1.3	
2/19/2024		1
8/1/2024		1.2
2/25/2025		0.96 (J)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
3/23/2016	1.6092	
5/23/2016	1.52	
7/29/2016	1.5	
9/22/2016	1.4	
11/10/2016	1.6	
1/31/2017	1.6	
3/30/2017	1.4	
6/12/2017	1.4	
10/4/2017	1.5	
3/19/2018	1.5	
9/17/2018	1.5	
3/20/2019	<1.5	
9/13/2019	1.5	
3/11/2020	1.4	
3/29/2021	1.5	
8/9/2021	1.4	
2/2/2022	1.9	
8/16/2022	2.5	
2/17/2023	6.3	
8/1/2023	5.7	
2/22/2024	7.1	
8/8/2024	7.3	
2/26/2025		9.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-40	GWA-40
3/15/2016	1.1671	
5/11/2016	0.8763	
7/21/2016	1.4	
9/19/2016	1.1	
11/3/2016	1.2	
1/17/2017	1	
3/24/2017	1.2	
5/24/2017	1.5	
9/26/2017	2.4	
12/28/2017	3.9 (Y)	
3/14/2018	2.4	
9/12/2018	1	
3/13/2019	2.2	
9/9/2019	0.83 (X)	
3/9/2020	1.5	
9/11/2020	0.77 (J)	
3/10/2021	0.97 (J)	
8/4/2021	0.82 (J)	
1/31/2022	0.71 (J)	
8/12/2022	<1	
2/13/2023	1.1	
7/26/2023	0.92 (J)	
2/19/2024		0.75 (J)
8/1/2024		0.96 (J)
2/25/2025		0.99 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41	GWA-41
3/15/2016	4.1666	
5/12/2016	1.78	
7/20/2016	1.8	
9/15/2016	1.4	
11/3/2016	1.6	
1/18/2017	1.5	
3/24/2017	1.4	
6/6/2017	2.8	
9/25/2017	1.8	
3/14/2018	3	
9/12/2018	1.4	
3/14/2019	2.6	
9/10/2019	1.1	
3/6/2020	1.3	
9/10/2020	1.2	
3/11/2021	1.5	
8/4/2021	1.2	
1/31/2022	1	
8/11/2022	1.3	
2/13/2023	1.6	
7/25/2023	0.97 (J)	
2/19/2024		1.2
8/1/2024		1.3
2/25/2025		0.99 (J)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R	GWA-41R
3/15/2016	6.1465	
5/13/2016	3.08	
7/21/2016	3.7	
9/21/2016	2.4	
11/3/2016	3.4	
1/17/2017	1.9	
3/27/2017	2.4	
6/6/2017	4.5	
9/25/2017	2.5	
3/14/2018	4 (J)	
9/12/2018	2.1	
3/14/2019	2.9	
9/10/2019	1.7	
3/9/2020	1.3	
9/10/2020	1.4	
3/10/2021	1.6	
8/4/2021	1.3	
1/31/2022	1	
8/11/2022	1.4	
2/13/2023	1.5	
7/25/2023	1.3	
2/19/2024		1.3
8/1/2024		1.6
2/25/2025		0.95 (J)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	2.4984	
5/16/2016	2.22	
7/22/2016	2.6	
9/19/2016	2.5	
11/3/2016	3	
1/17/2017	2.9	
3/27/2017	3	
6/7/2017	3	
9/26/2017	3.1	
3/14/2018	3.2	
9/14/2018	2.3	
3/14/2019	3.6	
9/10/2019	2	
3/6/2020	2.7	
9/10/2020	2	
3/11/2021	2.5	
8/4/2021	2.3	
1/31/2022	2	
8/10/2022	1.8	
2/13/2023	2.4	
7/26/2023	1.9	
2/20/2024		2.4
8/1/2024		2.5
2/25/2025		2.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	1.2562	
5/13/2016	1.32	
7/19/2016	1.3	
9/16/2016	1.2	
11/2/2016	1.4	
1/18/2017	1.2	
3/28/2017	1.4	
6/6/2017	1.4	
9/22/2017	1.3	
3/14/2018	1.3	
9/12/2018	1.3	
3/13/2019	1.6	
9/11/2019	1.3	
3/9/2020	1.2	
9/11/2020	1.3	
3/11/2021	1.3	
8/6/2021	1.3	
1/31/2022	1.1	
8/11/2022	1.4	
2/14/2023	1.3	
7/25/2023	1.4	
2/20/2024		1.2
8/2/2024		1.2
2/25/2025		1.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43R	GWA-43R
3/11/2016	1.9467	
5/13/2016	2.14	
7/19/2016	3.1	
9/16/2016	3.5	
11/2/2016	4.7	
1/18/2017	4.9	
3/28/2017	4.1	
6/6/2017	3.6	
9/22/2017	3.9	
3/15/2018	2.8	
9/12/2018	3.1	
3/13/2019	2.9	
9/11/2019	3.1	
3/9/2020	2.2	
9/14/2020	3.3	
3/11/2021	2.7	
8/5/2021	1.9	
1/31/2022	1.7	
8/10/2022	1.7	
2/13/2023	1.8	
7/25/2023	2	
2/20/2024		2
8/2/2024		2.2
2/25/2025		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ	GWA-4RZ
2/22/2017	3.7 (D)	
4/7/2017	2.5 (D)	
6/14/2017	2.6 (D)	
7/12/2017	2.8 (D)	
7/20/2017	2.3 (D)	
7/28/2017	2 (D)	
8/9/2017	1.8 (D)	
8/24/2017	2.9 (D)	
10/3/2017	2.8 (D)	
3/21/2018	2.9	
9/18/2018	3.1	
3/21/2019	3.6 (D)	
9/12/2019	2.1 (D)	
3/12/2020	2.3	
9/17/2020	2.4	
3/16/2021	2.7	
8/10/2021	2.8	
2/3/2022	2.6	
8/17/2022	2.6	
2/17/2023	3	
7/28/2023	3	
2/27/2024		3.2
8/8/2024		2.2
2/28/2025		2.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50	GWA-50
3/28/2016	1.14	
5/23/2016	1.19	
8/1/2016	1.2	
9/26/2016	1.1	
11/10/2016	1.3	
1/30/2017	1.2	
4/7/2017	1.2	
6/12/2017	1.1	
10/2/2017	1.2	
3/16/2018	1.4	
9/17/2018	1.1	
3/19/2019	<1.2	
9/13/2019	1	
3/11/2020	0.91 (J)	
9/16/2020	0.97 (J)	
3/17/2021	1 (J)	
8/9/2021	1 (J)	
2/1/2022	0.91 (J)	
8/16/2022	0.69 (J)	
2/16/2023	0.91 (J)	
7/28/2023	0.95 (J)	
2/22/2024		0.88 (J)
8/8/2024		1.1
2/27/2025		0.76 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R	GWA-50R
3/28/2016	0.9204	
5/25/2016	1.04	
8/1/2016	0.85	
9/26/2016	0.87	
11/11/2016	0.99	
1/30/2017	0.95	
4/3/2017	0.88	
6/12/2017	0.83	
10/2/2017	0.94	
3/16/2018	<1	
9/18/2018	1	
3/19/2019	<1	
9/12/2019	0.74 (J)	
3/11/2020	0.73 (J)	
9/15/2020	0.7 (J)	
3/17/2021	0.81 (J)	
8/9/2021	0.78 (J)	
2/2/2022	0.7 (J)	
8/17/2022	<1	
2/16/2023	0.71 (J)	
7/28/2023	0.72 (J)	
2/22/2024		0.64 (J)
8/8/2024		0.86 (J)
2/28/2025		0.87 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-16R	GWC-16R
3/3/2016	1.3707 (D)	
5/10/2016	1.41	
7/13/2016	1.7	
9/15/2016	1.9	
11/2/2016	2.3	
1/11/2017	2	
3/20/2017	2.2	
5/23/2017	2	
9/21/2017	2.3	
3/14/2018	2.1	
9/7/2018	2.1	
3/11/2019	2.4	
9/9/2019	1.1	
3/4/2020	0.79 (J)	
9/9/2020	1 (J)	
3/9/2021	1.5	
7/30/2021	1	
1/28/2022	1.6	
8/11/2022	1.4	
2/10/2023	1.8	
8/4/2023	1.1	
2/15/2024		1.3
7/31/2024		1.4
2/25/2025		1.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-17R	GWC-17R
3/4/2016	6.4905	
5/10/2016	7.1	
7/14/2016	6.4	
9/14/2016	6	
11/1/2016	7	
1/11/2017	6	
3/21/2017	6.1	
5/23/2017	6	
9/22/2017	6.2	
3/14/2018	6.1	
9/11/2018	6.7	
3/12/2019	6.9	
9/10/2019	4.5	
3/5/2020	4.5	
9/9/2020	4.3	
3/10/2021	4.7	
7/30/2021	4.3	
1/28/2022	4.6	
8/11/2022	4.7	
2/10/2023	4.7	
8/3/2023	4.2	
2/15/2024		4.5
7/31/2024		4.8
2/25/2025		4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
3/7/2016	2.0446	
5/5/2016	2.28	
7/13/2016	2.2	
9/13/2016	2	
10/31/2016	2.3	
1/12/2017	1.9	
3/23/2017	2.2	
5/23/2017	2	
9/25/2017	2.1	
3/14/2018	2.1	
9/11/2018	2.3	
3/12/2019	2.8	
9/9/2019	2	
3/6/2020	2.2	
9/9/2020	2.1	
2/26/2021	2.3	
7/29/2021	2.1	
1/28/2022	2.1	
8/10/2022	2.3	
2/9/2023	2.5	
8/3/2023	1.9	
2/14/2024		2.2
7/31/2024		2.2
2/20/2025		2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18R	GWC-18R
3/7/2016	2.2698	
5/5/2016	2.48	
7/13/2016	2.5	
9/12/2016	2.5	
11/1/2016	2.9	
1/11/2017	2.5	
3/20/2017	2.2	
5/22/2017	2.3	
9/21/2017	2.3	
3/14/2018	2.2	
9/7/2018	2.3	
3/12/2019	3.3	
9/6/2019	2.3	
3/5/2020	2.2	
9/9/2020	2.3	
2/26/2021	2.4	
7/29/2021	2.2	
1/27/2022	2.3	
8/10/2022	2.6	
2/9/2023	2.6	
8/4/2023	2.2	
2/14/2024		2.3
7/31/2024		2.6
2/19/2025		2.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-19R	GWC-19R
3/7/2016	2.3254	
5/9/2016	2.48	
7/14/2016	2.5	
9/12/2016	2.5	
10/31/2016	3	
1/11/2017	2.5	
3/21/2017	2.3	
5/22/2017	2.4	
9/20/2017	2.4	
3/14/2018	2.2	
9/10/2018	2.1	
3/12/2019	2.8	
9/9/2019	2.3	
3/4/2020	2.3	
9/9/2020	2.4	
2/26/2021	2.4	
8/5/2021	2.6	
1/27/2022	2.5	
8/9/2022	2.3	
2/9/2023	2.7	
8/4/2023	2.3	
2/14/2024		2.4
7/31/2024		2.6
2/20/2025		2.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-20R
3/8/2016	1.2699	
5/9/2016	1.39	
7/14/2016	1.7	
9/12/2016	1.6	
10/31/2016	1.9	
1/12/2017	1.8	
3/22/2017	2	
5/22/2017	1.9	
9/19/2017	1.9	
3/14/2018	2	
9/10/2018	1.6	
3/12/2019	2.7	
9/6/2019	1.6	
3/5/2020	1.5	
9/4/2020	1.5	
3/9/2021	1.9	
8/2/2021	1.8	
1/27/2022	1.9	
8/9/2022	1.7	
2/10/2023	2	
8/3/2023	1.5	
2/15/2024		1.7
8/1/2024		1.7
2/20/2025		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-21R
3/8/2016	4.2184	
5/9/2016	3.08	
7/15/2016	3.8	
9/9/2016	3.9	
10/27/2016	4.7	
1/12/2017	4.2	
3/21/2017	4.2	
5/23/2017	4.1	
9/19/2017	4.4	
3/14/2018	4.4	
9/10/2018	3.9	
3/11/2019	4.2	
9/6/2019	3.5	
3/3/2020	3.9	
9/8/2020	4.1	
3/9/2021	5	
8/2/2021	5.6	
1/28/2022	4.6	
8/10/2022	4.1	
2/9/2023	4.5	
8/4/2023	3.1	
2/15/2024		3
8/2/2024		3.2
2/25/2025		2.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-22R
3/7/2016	2.6729	
5/5/2016	2.81	
7/14/2016	2.8	
9/12/2016	2.8	
10/27/2016	3.3	
1/13/2017	2.7	
3/20/2017	2.8	
5/23/2017	2.6	
9/19/2017	2.6	
3/13/2018	2.8	
9/7/2018	2.7	
3/11/2019	3.2	
9/5/2019	2.7	
3/3/2020	2.5	
9/8/2020	2.6	
3/9/2021	2.4	
8/2/2021	2.4	
1/27/2022	2.5	
8/10/2022	2.7	
2/9/2023	2.7	
8/3/2023	2.3	
2/15/2024		2.4
7/31/2024		2.7
2/20/2025		2.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-23R	GWC-23R
3/9/2016	1.5349	
5/6/2016	1.63	
7/15/2016	2	
9/14/2016	2	
11/1/2016	2.4	
1/25/2017	2.1	
3/22/2017	2.2	
5/24/2017	2	
9/21/2017	2.4	
3/14/2018	2.2	
9/11/2018	2.4	
3/12/2019	2.4	
9/6/2019	1.4	
3/5/2020	1.3	
9/9/2020	2	
3/10/2021	1.6	
7/30/2021	1.4	
1/28/2022	1.7	
8/11/2022	2.1	
2/10/2023	2	
8/3/2023	1.8	
2/16/2024		1.4
7/31/2024		1.6
2/25/2025		1.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-24R	GWC-24R
3/4/2016	2.7291	
5/5/2016	2.54	
7/12/2016	2.6	
9/13/2016	2.5	
10/27/2016	3.1	
1/13/2017	2.7	
3/20/2017	2.6	
5/19/2017	2.5	
9/19/2017	2.3	
3/13/2018	<0.25	
9/11/2018	2.3	
3/8/2019	2.6	
9/5/2019	2.2	
3/3/2020	2.1	
9/9/2020	2.5	
3/9/2021	2.1	
7/29/2021	2.2	
1/28/2022	2.2	
8/9/2022	2	
2/9/2023	2.5	
8/3/2023	2.1	
2/15/2024		2.1
7/31/2024		2.4
2/24/2025		2

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-25R	GWC-25R
3/8/2016	2.5307	
5/4/2016	2.76	
7/18/2016	2.8	
9/13/2016	2.7	
10/27/2016	3.2	
1/13/2017	2.6	
3/16/2017	2.6	
5/19/2017	2.6	
9/19/2017	2.4	
3/13/2018	2.7	
9/11/2018	2.4	
3/8/2019	2.8	
9/5/2019	2.5	
3/3/2020	2.4	
9/4/2020	2.5	
3/9/2021	2.3	
8/2/2021	2.3	
1/27/2022	2.4	
8/9/2022	2.2	
2/9/2023	2.6	
8/3/2023	2.3	
2/16/2024		2.7
7/31/2024		2.5
2/25/2025		2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
3/1/2016	3.096	
5/2/2016	2.92	
7/6/2016	3.2	
9/7/2016	3.4	
10/25/2016	3.4	
1/5/2017	3.3	
3/14/2017	2.9	
5/16/2017	2.9	
9/15/2017	2.7	
3/12/2018	3.2	
9/6/2018	2.7	
3/7/2019	2.8	
9/4/2019	2.7	
3/2/2020	2.4	
9/14/2020	2.9	
3/26/2021	2.5	
7/27/2021	2.8	
1/26/2022	2.4	
8/8/2022	2.6	
2/8/2023	3.1	
8/3/2023	2.5	
2/13/2024		3.4
7/30/2024		3.2
2/19/2025		3.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-37	GWC-37
3/1/2016	1.2389	
5/3/2016	1.22	
7/8/2016	1.2	
9/7/2016	1	
10/25/2016	1.2	
1/6/2017	0.97	
3/14/2017	1	
5/16/2017	0.9	
9/15/2017	1.1	
3/12/2018	1.1	
9/6/2018	1	
3/6/2019	<1.1	
9/4/2019	0.81 (J)	
3/2/2020	0.78 (J)	
9/3/2020	0.82 (J)	
2/24/2021	0.84 (J)	
7/28/2021	0.88 (J)	
1/26/2022	0.88 (J)	
8/8/2022	0.64 (J)	
2/8/2023	1.1	
8/2/2023	1	
2/13/2024		0.8 (J)
7/30/2024		1.1
2/19/2025		0.76 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-38	GWC-38
3/2/2016	2.4559	
5/3/2016	2.49	
7/7/2016	2.5	
9/8/2016	2.2	
10/25/2016	2.5	
2/9/2017	2	
3/23/2017	2.2	
5/17/2017	2.4	
9/19/2017	2.5	
3/13/2018	2.4	
9/6/2018	2.7	
3/7/2019	2.9	
9/4/2019	2.9	
3/2/2020	2.5	
9/3/2020	2.9	
2/24/2021	3.1	
7/28/2021	3.3	
1/25/2022	3.2	
8/5/2022	3.1	
2/8/2023	3.5	
8/2/2023	3.4	
2/13/2024		3.4
7/30/2024		3.8
2/19/2025		3.3

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1	GWA-1
3/22/2016	7.65	
5/19/2016	7.6	
7/29/2016	7.58	
9/23/2016	7.57	
11/9/2016	7.45	
1/30/2017	7.64	
3/30/2017	7.51	
6/9/2017	7.6	
10/2/2017	7.55	
3/16/2018	7.58	
9/17/2018	7.53 (D)	
3/20/2019	7.64	
9/12/2019	7.36	
3/11/2020	7.51	
9/15/2020	7.43	
3/16/2021	7.57	
8/9/2021	7.44	
2/1/2022	7.52	
8/16/2022	7.36	
2/16/2023	7.39	
7/27/2023	7.08	
2/22/2024		6.97
8/7/2024		7.51
2/27/2025		7.5

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2	GWA-2
3/23/2016	6.7	
5/20/2016	6.36	
7/29/2016	6.75	
9/23/2016	6.62	
11/9/2016	6.42	
1/31/2017	5.66	
3/30/2017	6.33	
6/12/2017	6.6	
10/2/2017	5.61	
3/19/2018	6.55	
9/14/2018	5.81	
3/20/2019	5.71	
9/12/2019	5.45 (D)	
3/11/2020	6.56	
9/15/2020	6.38	
3/17/2021	6.58	
8/9/2021	6.47	
2/1/2022	6.3	
8/16/2022	6.63	
2/16/2023	6.56	
7/27/2023	6.06	
2/22/2024		6.03
8/7/2024		6.73
2/27/2025		6.7

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2R	GWA-2R
3/23/2016	7.45	
5/19/2016	7.5	
7/29/2016	7.59	
9/22/2016	7.44	
11/10/2016	7.55	
1/31/2017	7.56	
4/3/2017	7.46	
6/9/2017	7.24	
10/2/2017	7.35	
3/16/2018	7.31	
9/14/2018	7.55	
3/19/2019	7.2	
9/13/2019	7.29	
3/11/2020	7.09	
9/15/2020	7.45	
3/16/2021	7.51	
8/9/2021	6.63	
2/1/2022	6.62	
8/16/2022	7.11	
2/16/2023	7.02	
7/27/2023	6.49	
2/26/2024		6.85
8/6/2024		7.61
2/27/2025		7.18

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	7.61 (D)	
7/27/2016	7.51 (D)	
2/21/2017	7.76 (D)	
3/27/2017	7.7 (D)	
6/8/2017	7.69 (D)	
7/17/2017	7.57 (D)	
7/26/2017	7.63	
7/27/2017	7.63	
8/8/2017	7.73	
8/9/2017	7.73	
9/29/2017	7.7 (D)	
3/16/2018	7.49	
9/14/2018	7.32	
3/14/2019	7.46	
9/10/2019	7.48	
3/9/2020	7.68	
9/16/2020	7.68	
3/16/2021	7.85	
8/6/2021	7.09	
2/2/2022	6.89	
8/16/2022	7.45	
2/14/2023	7.48	
7/25/2023	7.19	
2/19/2024		7.7
8/1/2024		7.08
2/25/2025		6.66
2/26/2025		7.4

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39Z	GWA-39Z
3/14/2016	6.91	
5/11/2016	6.51	
7/19/2016	6.12	
9/15/2016	5.96	
11/2/2016	5.78	
1/18/2017	6.13	
3/28/2017	6.59	
6/7/2017	6.72	
9/26/2017	7.05	
12/28/2017	6.79 (Y)	
3/14/2018	7.42	
9/12/2018	6.86	
3/15/2019	6.78	
9/9/2019	6.49	
3/9/2020	5.9	
9/10/2020	5.53	
3/12/2021	6.39	
8/4/2021	6.21	
1/31/2022	6.41	
8/10/2022	6.07	
2/13/2023	6.35	
7/26/2023	5.77	
2/19/2024		6.34
8/1/2024		5.88

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
3/23/2016	5.96	
5/23/2016	5.73	
7/29/2016	5.51	
9/22/2016	5.45	
11/10/2016	5.51	
1/31/2017	5.42	
3/30/2017	5.43	
6/12/2017	5.47	
10/4/2017	5.23	
3/19/2018	5.4	
9/17/2018	5.22	
3/20/2019	5.22	
9/13/2019	5.07	
3/11/2020	5.31	
3/29/2021	8.04	
8/9/2021	7.85	
2/2/2022	7.94	
8/16/2022	7.74	
2/17/2023	7.71	
8/1/2023	7.66	
2/22/2024	7.89	
8/8/2024	7.86	
2/26/2025		7.93

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-40	GWA-40
3/15/2016	7.58	
5/11/2016	7.24	
7/21/2016	7.53	
9/15/2016	7	
9/19/2016	7.19	
11/3/2016	7.13	
1/17/2017	7.51	
3/24/2017	7.55	
5/24/2017	7.6	
9/26/2017	7.66	
12/28/2017	7.34 (Y)	
3/14/2018	7.56	
9/12/2018	7.12	
3/13/2019	7.12	
9/9/2019	7.07	
3/9/2020	7.5	
9/11/2020	6.98	
3/10/2021	7.3	
8/4/2021	6.79	
1/31/2022	6.85	
8/12/2022	6.83	
2/13/2023	6.94	
7/26/2023	6.46	
2/19/2024		6.75
8/1/2024		7.06
2/25/2025		7.51

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41	GWA-41
3/15/2016	6.74	
5/12/2016	6.41	
7/20/2016	6.59	
11/3/2016	6.45	
1/18/2017	6.34	
3/24/2017	6.42	
6/6/2017	6.82	
9/25/2017	6.63	
3/14/2018	7.08	
9/12/2018	6.54	
3/14/2019	6.58	
9/10/2019	5.66	
3/6/2020	6.82	
9/10/2020	6.4	
3/11/2021	6.8	
8/4/2021	6.34	
1/31/2022	6.02	
8/11/2022	6.29	
2/13/2023	6.25	
7/25/2023	5.58	
2/19/2024		6.17
8/1/2024		6.03
2/25/2025		6.8

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R	GWA-41R
3/15/2016	7.15	
5/13/2016	7.29	
7/21/2016	7.43	
9/21/2016	7.05	
11/3/2016	7.4	
1/17/2017	7.06	
3/27/2017	7.13	
6/6/2017	7.18	
9/25/2017	6.88	
3/14/2018	7.04	
9/12/2018	7.02	
3/14/2019	6.93	
9/10/2019	6.72	
3/9/2020	6.7	
9/10/2020	6.67	
3/10/2021	7.3	
8/4/2021	7.15	
1/31/2022	6.63	
8/11/2022	7.12	
2/13/2023	6.45	
7/25/2023	6.19	
2/19/2024		6.79
8/1/2024		7.17
2/25/2025		6.63

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	7.37	
5/16/2016	7.55	
7/22/2016	7.51	
9/19/2016	7.52	
11/3/2016	7.56	
1/17/2017	7.59	
3/27/2017	7.63	
6/7/2017	7.55	
9/26/2017	7.59	
3/14/2018	7.6	
9/14/2018	7.37	
3/14/2019	7.57	
9/10/2019	7.53	
3/6/2020	7.42	
9/10/2020	7.48	
3/11/2021	7.53	
8/4/2021	7.35	
1/31/2022	7.17	
8/10/2022	7.26	
2/13/2023	6.83	
7/26/2023	6.92	
2/20/2024		7.39
8/1/2024		7.49
2/25/2025		7.41

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	6.43	
5/13/2016	6.8	
7/19/2016	6.42	
9/16/2016	6.19	
11/2/2016	6.36	
1/18/2017	6.16	
3/28/2017	5.8	
6/6/2017	5.97	
9/22/2017	5.77	
3/14/2018	5.85	
9/12/2018	5.65	
3/13/2019	5.63	
9/11/2019	5.53	
3/9/2020	5.5	
9/11/2020	6.25	
3/11/2021	5.55	
8/6/2021	5.52	
1/31/2022	5.71	
8/11/2022	5.64	
2/14/2023	5.24	
7/25/2023	4.64	
2/20/2024		5.31
8/2/2024		5.28
2/25/2025		5.28

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43R	GWA-43R
3/11/2016	7.89	
5/13/2016	7.86	
7/19/2016	7.83	
9/16/2016	7.75	
11/2/2016	7.77	
1/18/2017	7.65	
3/28/2017	7.79	
6/6/2017	7.89	
9/22/2017	7.8	
12/28/2017	7.78 (Y)	
3/15/2018	7.66	
9/12/2018	7.75	
3/13/2019	7.84	
9/11/2019	7.75	
3/9/2020	7.73	
9/14/2020	7.76	
3/11/2021	7.81	
8/5/2021	7.75	
1/31/2022	8.04	
8/10/2022	7.72	
2/13/2023	7.82	
7/25/2023	7.31	
2/20/2024		7.82
8/2/2024		7.74
2/25/2025		7.77

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ	GWA-4RZ
2/22/2017	7.38 (D)	
4/7/2017	7.35 (D)	
6/14/2017	7.3 (D)	
7/11/2017	7.39	
7/12/2017	7.39 (D)	
7/19/2017	7.44	
7/20/2017	7.44 (D)	
7/27/2017	7.5	
7/28/2017	7.5	
8/8/2017	7.52	
8/9/2017	7.52	
8/23/2017	7.5	
8/24/2017	7.5	
10/3/2017	7.51 (D)	
12/28/2017	7.32 (Y)	
3/21/2018	7.3	
9/18/2018	7.26	
3/21/2019	7.28 (D)	
9/12/2019	7.2 (D)	
3/12/2020	7.55	
9/17/2020	7.42	
3/16/2021	7.4	
8/10/2021	7.2	
2/3/2022	7.2	
8/17/2022	6.49	
2/17/2023	6.98	
7/28/2023	6.815 (D)	
2/27/2024		7.11
8/8/2024		7.01
2/28/2025		7.25

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50	GWA-50
3/28/2016	6.22	
5/23/2016	5.86	
8/1/2016	6.39	
9/26/2016	5.74	
11/10/2016	5.78	
1/30/2017	5.88	
4/7/2017	5.94	
6/12/2017	5.81	
10/2/2017	5.93	
3/16/2018	5.64	
9/17/2018	5.82	
3/19/2019	5.93	
9/13/2019	5.61	
3/11/2020	5.57	
9/16/2020	5.62	
3/17/2021	5.64	
8/9/2021	5.34	
2/1/2022	5.61	
8/16/2022	5.29	
2/16/2023	4.95	
7/28/2023	4.66	
2/22/2024		5.6
8/8/2024		4.68
2/27/2025		5.64

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R	GWA-50R
3/28/2016	6.45	
5/25/2016	6.96	
8/1/2016	5.64	
9/26/2016	6.26	
11/11/2016	5.62	
1/30/2017	5.49	
4/3/2017	6.32	
6/12/2017	6.48	
10/2/2017	6.41	
3/16/2018	5.46	
9/18/2018	5.35	
3/19/2019	6.01	
9/12/2019	5.89	
3/11/2020	5.4	
9/15/2020	5.26	
3/17/2021	6.31	
8/9/2021	5.16	
2/2/2022	5.17	
8/17/2022	5.7	
2/16/2023	4.73	
7/28/2023	4.24	
2/22/2024		5.09
8/8/2024		4.25
2/28/2025		5.04

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-16R	GWC-16R
3/3/2016	7.22	
5/10/2016	7.08	
7/13/2016	7.05	
9/15/2016	7.51	
11/2/2016	7.1	
1/11/2017	7.16	
3/20/2017	7.19	
5/23/2017	6.97	
9/21/2017	7.28	
3/14/2018	7.11	
9/7/2018	7.08	
3/11/2019	7.21	
9/9/2019	7.13	
3/4/2020	7.37	
9/9/2020	7.08	
3/9/2021	7.34	
7/30/2021	7.04	
1/28/2022	7.31	
8/11/2022	7.05	
2/10/2023	7.02	
8/4/2023	6.745 (D)	
2/15/2024		6.95
7/31/2024		6.72
2/25/2025		6.81

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-17R	GWC-17R
3/4/2016	7.24	
5/10/2016	7.18	
7/14/2016	7.21	
9/13/2016	7.17	
11/1/2016	7.18	
1/11/2017	7.11	
3/21/2017	7.24	
5/23/2017	7.21	
9/22/2017	7.2	
3/14/2018	7.16	
9/11/2018	7.13	
3/12/2019	7.28	
9/10/2019	7.17	
3/5/2020	7.3	
9/9/2020	7.24	
3/10/2021	7.27	
7/30/2021	7.17	
1/28/2022	7.34	
8/11/2022	7.27	
2/10/2023	7.12	
8/3/2023	6.97 (D)	
2/15/2024		7.2
7/31/2024		6.88
2/25/2025		7.06

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
3/7/2016	6.81	
5/5/2016	6	
7/13/2016	6.67	
9/13/2016	6.67	
10/31/2016	6.15	
1/12/2017	6.79	
3/23/2017	7.04	
5/23/2017	7.02	
9/25/2017	6.81	
3/14/2018	7.06	
9/11/2018	6.97	
3/12/2019	7.06	
9/9/2019	6.71	
3/6/2020	7.01	
9/9/2020	6.63	
2/26/2021	7.07	
7/29/2021	6.77	
1/28/2022	6.6	
8/10/2022	6.53	
2/9/2023	6.68	
8/3/2023	6.19	
2/14/2024		6.37
7/31/2024		6.66
2/20/2025		6.96

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18R	GWC-18R
3/7/2016	7.7	
5/5/2016	7.85	
7/13/2016	7.85	
9/12/2016	7.87	
11/1/2016	7.78	
1/11/2017	7.75	
3/20/2017	7.86	
5/22/2017	7.51	
9/21/2017	7.84	
3/14/2018	7.51	
9/7/2018	7.69	
3/12/2019	7.76	
9/6/2019	7.65	
3/5/2020	7.77	
9/9/2020	7.81	
2/26/2021	7.81	
7/29/2021	7.74	
1/27/2022	7.76	
8/10/2022	7.59	
2/9/2023	7.46	
8/4/2023	7.39	
2/14/2024		7.07
7/31/2024		7.76
2/19/2025		7.8

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-19R	GWC-19R
3/7/2016	7.68	
5/9/2016	7.66	
7/14/2016	7.74	
9/12/2016	7.76	
10/31/2016	7.74	
1/11/2017	7.69	
3/21/2017	7.54	
5/22/2017	7.79	
9/20/2017	7.77	
3/14/2018	7.74	
9/10/2018	7.69	
3/12/2019	7.6	
9/9/2019	7.73	
3/4/2020	7.65	
9/9/2020	7.67	
2/26/2021	7.73	
8/5/2021	7.66	
1/27/2022	7.74	
8/9/2022	7.77	
2/9/2023	7.38	
8/4/2023	7.2	
2/14/2024		7.67
7/31/2024		7.69
2/20/2025		7.76

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-20R
3/8/2016	7.62	
5/9/2016	7.72	
7/14/2016	7.69	
9/12/2016	7.52	
10/31/2016	7.51	
1/12/2017	7.46	
3/22/2017	7.77	
5/22/2017	7.5	
9/19/2017	7.49	
12/29/2017	7.75 (Y)	
3/14/2018	7.62	
9/10/2018	7.84	
3/12/2019	7.63	
9/6/2019	7.75	
3/5/2020	7.6	
9/4/2020	7.57	
3/9/2021	7.81	
8/2/2021	7.67	
1/27/2022	7.73	
8/9/2022	7.81	
2/10/2023	7.34	
8/3/2023	7.27	
2/15/2024		7.56
8/1/2024		7.49
2/20/2025		7.68

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-21R
3/8/2016	6.86	
5/9/2016	7.08	
7/15/2016	7.2	
9/9/2016	7.17	
10/27/2016	7.14	
1/12/2017	7.06	
3/21/2017	7.14	
5/23/2017	6.9	
9/19/2017	7.18	
3/14/2018	6.99	
9/10/2018	6.96	
3/11/2019	6.95	
9/6/2019	7.04	
3/3/2020	7.1	
9/8/2020	7.07	
3/9/2021	6.98	
8/2/2021	7.01	
1/28/2022	6.69	
8/10/2022	6.98	
2/9/2023	7.13	
8/4/2023	6.73	
2/15/2024		6.74
8/2/2024		7.13
2/25/2025		7.58

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-22R
3/7/2016	7.61	
5/5/2016	7.79	
7/14/2016	7.76	
9/12/2016	7.6	
10/27/2016	7.73	
1/13/2017	7.68	
3/20/2017	7.6	
5/23/2017	7.81	
9/19/2017	7.46	
1/9/2018	7.39 (Y)	
3/13/2018	7.49	
9/7/2018	7.53	
3/11/2019	7.51	
9/5/2019	7.09	
3/3/2020	7.15	
9/8/2020	7.19	
3/9/2021	7.35	
8/2/2021	7.1	
1/27/2022	7.28	
8/10/2022	7.1	
2/9/2023	7.05	
8/3/2023	6.62	
2/15/2024		6.73
7/31/2024		6.56
2/20/2025		7.26

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-23R	GWC-23R
3/9/2016	7.54	
5/6/2016	7.5	
7/15/2016	7.33	
9/14/2016	7.47	
11/1/2016	7.31	
1/25/2017	7.28	
3/22/2017	7.43	
5/24/2017	7.07	
9/21/2017	7.24	
3/14/2018	7.4	
9/11/2018	7.78	
3/12/2019	7.42	
9/6/2019	7.32	
3/5/2020	7.24	
9/9/2020	7.12	
12/15/2020	7.39	
3/10/2021	7.41	
7/30/2021	7.13	
1/28/2022	7.38	
8/11/2022	7.37	
11/3/2022	6.65	
2/10/2023	7.01	
8/3/2023	6.74 (D)	
2/16/2024		6.955 (D)
7/31/2024		6.87
2/25/2025		7.25

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-24R	GWC-24R
3/4/2016	6.95	
5/5/2016	7.58	
7/12/2016	7.58	
9/13/2016	7.62	
10/27/2016	7.64	
1/13/2017	7.28	
3/20/2017	7.23	
5/19/2017	7.15	
9/19/2017	7.54	
3/13/2018	7.02	
9/11/2018	7.4	
3/8/2019	7.65	
9/5/2019	7.4	
3/3/2020	7.55	
9/9/2020	7.22	
3/9/2021	7.8	
7/29/2021	7.32	
1/28/2022	7.68	
8/9/2022	7.48	
2/9/2023	7.44	
8/3/2023	7.02	
2/15/2024		7.22
7/31/2024		7.17
2/24/2025		7.6

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-25R	GWC-25R
3/8/2016	7.4	
5/4/2016	7.6	
7/18/2016	7.61	
9/13/2016	7.56	
10/27/2016	7.69	
1/13/2017	7.62	
3/16/2017	7.43	
5/19/2017	7.32	
9/19/2017	7.62	
3/13/2018	7.43	
9/11/2018	7.69	
3/8/2019	7.69	
9/5/2019	7.59	
3/3/2020	7.56	
9/4/2020	7.62	
3/9/2021	8.07	
8/2/2021	7.48	
1/27/2022	7.46	
8/9/2022	7.6	
2/9/2023	7.51	
8/3/2023	7.26	
2/16/2024		7.28
7/31/2024		7.33
2/25/2025		7.68

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
3/1/2016	7.45	
5/2/2016	7.31	
7/6/2016	7.4	
9/7/2016	7.32	
10/25/2016	7.4	
1/5/2017	7.29	
3/14/2017	7.48	
5/16/2017	7.38	
9/15/2017	7.35	
3/12/2018	7.26	
9/6/2018	7.21	
3/7/2019	7.48	
9/4/2019	7.14	
3/2/2020	7.24	
9/14/2020	7.1	
3/26/2021	7.11	
7/27/2021	7.65	
1/26/2022	7.01	
8/8/2022	7.11	
2/8/2023	6.88	
8/3/2023	6.835 (D)	
2/13/2024		6.69
7/30/2024		7.32
2/19/2025		7.23

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-37	GWC-37
3/1/2016	5.94	
5/3/2016	5.85	
7/8/2016	5.74	
9/7/2016	5.79	
10/25/2016	5.88	
1/6/2017	5.82	
3/14/2017	5.8	
5/16/2017	5.02	
9/15/2017	5.68	
3/12/2018	5.72	
9/6/2018	5.59	
3/6/2019	5.38	
9/4/2019	5.09	
3/2/2020	5.52	
9/3/2020	5.17	
2/24/2021	5.49	
7/28/2021	5.29	
1/26/2022	4.69	
8/8/2022	5.16	
2/8/2023	5.3	
8/2/2023	4.69	
2/13/2024		5.37
7/30/2024		4.43
2/19/2025		5.5

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-38	GWC-38
3/2/2016	5.65	
5/3/2016	5.72	
7/7/2016	5.68	
9/8/2016	5.42	
10/25/2016	5.41	
2/9/2017	4.99	
3/23/2017	4.94	
5/17/2017	5.18	
9/19/2017	5.53	
3/13/2018	5.57	
9/6/2018	5.69	
3/7/2019	5.54	
9/4/2019	5.91	
3/2/2020	5.49	
9/3/2020	5.32	
2/24/2021	5.23	
7/28/2021	5.21	
1/25/2022	5.14	
8/5/2022	4.98	
2/8/2023	5.13	
8/2/2023	4.41	
2/13/2024		5.22
7/30/2024		4.29
2/19/2025		5.36

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1	GWA-1
3/22/2016	2.3685	
5/19/2016	2.14	
7/29/2016	1.9	
9/23/2016	2	
11/9/2016	1.6	
1/30/2017	1.8	
3/30/2017	1.6	
6/9/2017	1.7	
10/2/2017	1.8	
3/16/2018	1.5	
9/17/2018	1.3 (D)	
3/20/2019	1.5	
9/12/2019	0.98 (J)	
3/11/2020	0.94 (J)	
9/15/2020	0.96 (J)	
3/16/2021	0.99 (J)	
8/9/2021	1.3	
2/1/2022	0.93 (J)	
8/16/2022	0.78 (J)	
2/16/2023	1.1	
7/27/2023	1.4	
2/22/2024		1
8/7/2024		1.1
2/27/2025		0.88 (J)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2	GWA-2
3/23/2016	105.552	
5/20/2016	44.3	
7/29/2016	48	
9/23/2016	43	
11/9/2016	31	
1/31/2017	4.2	
3/30/2017	53	
6/12/2017	95	
10/2/2017	3.5	
3/19/2018	147	
9/14/2018	7.7	
3/20/2019	3.6	
9/12/2019	5.2	
3/11/2020	131	
9/15/2020	35.3	
3/17/2021	90.7	
8/9/2021	84.7	
2/1/2022	86.1	
8/16/2022	58.5	
2/16/2023	115	
7/27/2023	44	
2/22/2024		82
8/7/2024		47.5
2/27/2025		74.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2R	GWA-2R
3/23/2016	26.8249	
5/19/2016	3.81	
7/29/2016	1.1	
9/22/2016	0.96 (J)	
11/10/2016	0.72 (J)	
1/31/2017	1.5	
4/3/2017	1.3	
6/9/2017	1.2	
10/2/2017	1.7	
3/16/2018	14.8 (J)	
9/14/2018	2.1	
3/19/2019	32.5 (J)	
9/13/2019	3.8	
3/11/2020	34.3	
9/15/2020	1	
3/16/2021	3.3	
8/9/2021	1.6	
2/1/2022	1.5	
8/16/2022	7.8	
2/16/2023	38.9	
7/27/2023	17.6	
2/26/2024		20.9
8/6/2024		5.8
2/27/2025		41.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	2.4 (D)	
7/27/2016	3.6 (D)	
2/21/2017	26 (D)	
3/27/2017	10 (D)	
6/8/2017	6.7 (D)	
7/17/2017	6.4 (D)	
7/27/2017	18 (D)	
8/9/2017	18 (D)	
9/29/2017	21 (D)	
3/16/2018	15.5	
9/14/2018	11.6	
3/14/2019	9.3	
9/10/2019	14	
3/9/2020	5.8	
9/16/2020	8.6	
3/16/2021	3.5	
8/6/2021	4.2	
2/2/2022	4.5	
8/16/2022	4.5	
2/14/2023	6.3	
7/25/2023	4.9	
2/19/2024		4
8/1/2024		3.3
2/26/2025		2.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39Z	GWA-39Z
3/14/2016	4.2598	
5/11/2016	6.05	
7/19/2016	9.5	
9/15/2016	6.7	
11/2/2016	5.4	
1/18/2017	5.5	
3/28/2017	2.9	
6/7/2017	2.3	
9/26/2017	3.2	
3/14/2018	3.8	
9/12/2018	3.7	
3/15/2019	3	
9/9/2019	2.4	
3/9/2020	0.84 (J)	
9/10/2020	0.95 (J)	
3/12/2021	2	
8/4/2021	1.3	
1/31/2022	1.2	
8/10/2022	1.3	
2/13/2023	1.7	
7/26/2023	1.5	
2/19/2024		1.1
8/1/2024		1.2
2/25/2025		1.2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
3/23/2016	0.8724 (J)	
5/23/2016	0.805 (J)	
7/29/2016	0.84 (J)	
9/22/2016	0.94 (J)	
11/10/2016	1.1	
1/31/2017	0.92 (J)	
3/30/2017	0.77 (J)	
6/12/2017	0.68 (J)	
10/4/2017	0.5 (J)	
3/19/2018	0.49 (J)	
9/17/2018	0.36 (J)	
3/20/2019	0.38 (J)	
9/13/2019	<1	
3/11/2020	<1	
3/29/2021	5.4	
8/9/2021	5	
2/2/2022	3.4	
8/16/2022	3.5	
2/17/2023	2.5	
8/1/2023	3	
2/22/2024	1.9	
8/8/2024	3.9	
2/26/2025		1.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-40	GWA-40
3/15/2016	1.2104	
5/11/2016	1.28	
7/21/2016	0.91 (J)	
9/19/2016	1.3	
11/3/2016	1.5	
1/17/2017	<1.2 (*)	
3/24/2017	0.86 (J)	
5/24/2017	1.2	
9/26/2017	4.2	
12/28/2017	7.4 (Y)	
3/14/2018	3.8	
9/12/2018	1.7	
3/13/2019	2.1	
9/9/2019	1.6	
3/9/2020	1.2	
9/11/2020	1.3	
3/10/2021	1.5	
8/4/2021	1.4	
1/31/2022	1.2	
8/12/2022	1.2	
2/13/2023	1.4	
7/26/2023	1.4	
2/19/2024		1.2
8/1/2024		1.5
2/25/2025		0.71 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41	GWA-41
3/15/2016	4.9347	
5/12/2016	2.3	
7/20/2016	2	
9/15/2016	1.1	
11/3/2016	1.6	
1/18/2017	1.5	
3/24/2017	1.6	
6/6/2017	4.1	
9/25/2017	1.9	
3/14/2018	11.5	
9/12/2018	1.8	
3/14/2019	6.2	
9/10/2019	1.2	
3/6/2020	10	
9/10/2020	1.7	
3/11/2021	6.1	
8/4/2021	1.7	
1/31/2022	1.8	
8/11/2022	1.9	
2/13/2023	6	
7/25/2023	1.1	
2/19/2024		4.2
8/1/2024		0.75 (J)
2/25/2025		5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R	GWA-41R
3/15/2016	6.4987	
5/13/2016	3.68	
7/21/2016	4.5	
9/21/2016	2.8	
11/3/2016	6.7	
1/17/2017	<1.1 (*)	
3/27/2017	0.85 (J)	
6/6/2017	6.1	
9/25/2017	3.5	
3/14/2018	10.9 (J)	
9/12/2018	3.7	
3/14/2019	8.9	
9/10/2019	8.4	
3/9/2020	8.5	
9/10/2020	5.9	
3/10/2021	8.4	
8/4/2021	6.4	
1/31/2022	8.5	
8/11/2022	4.7	
2/13/2023	10.2	
7/25/2023	3	
2/19/2024		9.6
8/1/2024		2.7
2/25/2025		5.8

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	1.4538	
5/16/2016	1.18	
7/22/2016	1.8	
9/19/2016	1.4	
11/3/2016	1.6	
1/17/2017	<1.8 (*)	
3/27/2017	2	
6/7/2017	1.9	
9/26/2017	2	
3/14/2018	2.1	
9/14/2018	1.6	
3/14/2019	2.2	
9/10/2019	1.2	
3/6/2020	1.7	
9/10/2020	0.95 (J)	
3/11/2021	1.6	
8/4/2021	1.4	
1/31/2022	1.1	
8/10/2022	1	
2/13/2023	1.6	
7/26/2023	1.1	
2/20/2024		1.2
8/1/2024		1.1
2/25/2025		1.2

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	1.1313	
5/13/2016	1.96	
7/19/2016	1.3	
9/16/2016	1.1	
11/2/2016	1.2	
1/18/2017	0.84 (J)	
3/28/2017	0.7 (J)	
6/6/2017	0.47 (J)	
9/22/2017	0.59 (J)	
3/14/2018	0.39 (J)	
9/12/2018	0.3 (J)	
3/13/2019	0.43 (X)	
9/11/2019	<1	
3/9/2020	<1	
9/11/2020	<1	
3/11/2021	<1	
8/6/2021	<1	
1/31/2022	<1	
8/11/2022	<1	
2/14/2023	<1	
7/25/2023	<1	
2/20/2024		<1
8/2/2024		<1
2/25/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43R	GWA-43R
3/11/2016	3.8282	
5/13/2016	3.56	
7/19/2016	5.6	
9/16/2016	6.7	
11/2/2016	8.1	
1/18/2017	8.9	
3/28/2017	8.2	
6/6/2017	7	
9/22/2017	8.3	
3/15/2018	5.1	
9/12/2018	5.6	
3/13/2019	4.4	
9/11/2019	5	
3/9/2020	3.9	
9/14/2020	4.9	
3/11/2021	4.3	
8/5/2021	2.9	
1/31/2022	2.5	
8/10/2022	2.5	
2/13/2023	2.5	
7/25/2023	2.6	
2/20/2024		2.8
8/2/2024		3.2
2/25/2025		2.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ	GWA-4RZ
2/22/2017	22 (D)	
4/7/2017	18 (D)	
6/14/2017	20 (D)	
7/12/2017	18 (D)	
7/20/2017	20 (D)	
7/28/2017	18 (D)	
8/9/2017	19 (D)	
8/24/2017	21 (D)	
10/3/2017	25 (D)	
12/28/2017	26 (Y)	
3/21/2018	25.4	
9/18/2018	22.8	
3/21/2019	24.9 (D)	
9/12/2019	16.5 (D)	
3/12/2020	20.8	
9/17/2020	20.3	
3/16/2021	22.1	
8/10/2021	20.7	
2/3/2022	20.7	
8/17/2022	18.1	
2/17/2023	21.2	
7/28/2023	19.6	
2/27/2024		23.2
8/8/2024		12.2
2/28/2025		22.4

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50	GWA-50
3/28/2016	0.7283 (J)	
5/23/2016	0.728 (J)	
8/1/2016	0.78 (J)	
9/26/2016	0.82 (J)	
11/10/2016	0.92 (J)	
1/30/2017	<1	
4/7/2017	0.82 (J)	
6/12/2017	0.78 (J)	
10/2/2017	0.71 (J)	
3/16/2018	0.67 (J)	
9/17/2018	0.47 (J)	
3/19/2019	0.52 (J)	
9/13/2019	0.55 (J)	
3/11/2020	<1	
9/16/2020	<1	
3/17/2021	<1	
8/9/2021	<1	
2/1/2022	<1	
8/16/2022	<1	
2/16/2023	<1	
7/28/2023	0.53 (J)	
2/22/2024		<1
8/8/2024		0.53 (J)
2/27/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R	GWA-50R
3/28/2016	0.9594 (J)	
5/25/2016	1.59	
8/1/2016	1	
9/26/2016	1.2	
11/11/2016	1.2	
1/30/2017	<1	
4/3/2017	1.3	
6/12/2017	1.1	
10/2/2017	1.1	
3/16/2018	0.87 (J)	
9/18/2018	0.87 (J)	
3/19/2019	0.97 (J)	
9/12/2019	0.8 (J)	
3/11/2020	0.85 (J)	
9/15/2020	0.54 (J)	
3/17/2021	0.86 (J)	
8/9/2021	0.77 (J)	
2/2/2022	0.53 (J)	
8/17/2022	0.55 (J)	
2/16/2023	0.58 (J)	
7/28/2023	0.71 (J)	
2/22/2024		<1
8/8/2024		0.69 (J)
2/28/2025		0.51 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-16R	GWC-16R
3/3/2016	7.1809	
5/10/2016	4.6	
7/13/2016	2.3	
9/15/2016	5.6	
11/2/2016	7.5	
1/11/2017	8.3	
3/20/2017	10	
5/23/2017	9.5	
9/21/2017	8.9	
3/14/2018	8.8	
9/7/2018	6.5	
3/11/2019	11	
9/9/2019	3.8	
3/4/2020	8.4	
9/9/2020	2.8	
3/9/2021	12.9	
7/30/2021	5.4	
1/28/2022	11.9	
8/11/2022	5	
2/10/2023	12.1	
8/4/2023	6.1	
2/15/2024		7.6
7/31/2024		7
2/25/2025		9

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-17R	GWC-17R
3/4/2016	9.3417	
5/10/2016	6.65	
7/14/2016	5.7	
9/14/2016	5.8	
11/1/2016	6.6	
1/11/2017	6.5	
3/21/2017	6.4	
5/23/2017	6.3	
9/22/2017	6.9	
3/14/2018	7	
9/11/2018	5.8	
3/12/2019	25.9 (O)	
9/10/2019	6	
3/5/2020	7.7	
9/9/2020	5.6	
3/10/2021	7.3	
7/30/2021	5.9	
1/28/2022	7.6	
8/11/2022	6.6	
2/10/2023	7.6	
8/3/2023	7	
2/15/2024		7.3
7/31/2024		7.7
2/25/2025		6.6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
3/7/2016	1.7468	
5/5/2016	2.27	
7/13/2016	2.1	
9/13/2016	2.1	
10/31/2016	1.5	
1/12/2017	1.9	
3/23/2017	2.1	
5/23/2017	2	
9/25/2017	2.1	
3/14/2018	2.2	
9/11/2018	2	
3/12/2019	2.3	
9/9/2019	1.8	
3/6/2020	2	
9/9/2020	1.4	
2/26/2021	2.1	
7/29/2021	1.7	
1/28/2022	1.6	
8/10/2022	1.7	
2/9/2023	2.3	
8/3/2023	1.5	
2/14/2024		1.8
7/31/2024		1.7
2/20/2025		1.9

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18R	GWC-18R
3/7/2016	2.3258	
5/5/2016	2.42	
7/13/2016	2.5	
9/12/2016	2.3	
1/11/2017	2.5	
3/20/2017	2.4	
5/22/2017	2.5	
9/21/2017	2.4	
3/14/2018	2.2	
9/7/2018	2.2	
3/12/2019	2.6	
9/6/2019	2	
3/5/2020	1.9	
9/9/2020	1.9	
2/26/2021	2.1	
7/29/2021	1.9	
1/27/2022	2.1	
8/10/2022	2.3	
2/9/2023	2.4	
8/4/2023	2.2	
2/14/2024		2
7/31/2024		2.3
2/19/2025		1.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-19R	GWC-19R
3/7/2016	3.3556	
5/9/2016	3.62	
7/14/2016	3.5	
9/12/2016	3.3	
10/31/2016	3.5	
1/11/2017	3.2	
3/21/2017	3.4	
5/22/2017	3.3	
9/20/2017	3.4	
3/14/2018	3.4	
9/10/2018	3.4	
3/12/2019	4.3	
9/9/2019	3.7	
3/4/2020	3.6	
9/9/2020	3.4	
2/26/2021	3.4	
8/5/2021	4	
1/27/2022	3.9	
8/9/2022	3.7	
2/9/2023	4	
8/4/2023	3.6	
2/14/2024		2.9
7/31/2024		3.2
2/20/2025		2.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-20R
3/8/2016	0.0196 (J)	
5/9/2016	1.15	
7/14/2016	1.3	
9/12/2016	1.3	
10/31/2016	1.4	
1/12/2017	1.4	
3/22/2017	1.7	
5/22/2017	1.5	
9/19/2017	1.3	
3/14/2018	1.6	
9/10/2018	1.7	
3/12/2019	1.5	
9/6/2019	1.45 (D)	
3/5/2020	1.1	
9/4/2020	1.1	
3/9/2021	1.5	
8/2/2021	1.5	
1/27/2022	1.7	
8/9/2022	1.6	
2/10/2023	1.8	
8/3/2023	1.4	
2/15/2024		1.1
8/1/2024		1.5
2/20/2025		1.3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-21R
3/8/2016	1.3858	
5/9/2016	2.94	
7/15/2016	3	
9/9/2016	3.2	
10/27/2016	3.6	
1/12/2017	3.9	
3/21/2017	4.8	
5/23/2017	5.4	
9/19/2017	5.6	
3/14/2018	<1	
9/10/2018	4.8	
3/11/2019	3.4	
9/6/2019	6	
3/3/2020	11.3	
9/8/2020	9.6	
3/9/2021	10.5	
8/2/2021	21.5 (O)	
1/28/2022	13.7	
8/10/2022	10.5	
2/9/2023	16.8	
8/4/2023	5.8	
2/15/2024		5
8/2/2024		5.2
2/25/2025		2.8

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-22R
3/7/2016	2.1008	
5/5/2016	2.16	
7/14/2016	2.3	
10/27/2016	2.3	
1/13/2017	2.3	
3/20/2017	2.4	
5/23/2017	2.4	
9/19/2017	2.2	
3/13/2018	2.4	
9/7/2018	1.8	
3/11/2019	2	
9/5/2019	1.7	
3/3/2020	1.7	
9/8/2020	1.3	
3/9/2021	1.4	
8/2/2021	1.5	
1/27/2022	1.3	
8/10/2022	1.6	
2/9/2023	2	
8/3/2023	1.7	
2/15/2024		1.6
7/31/2024		1.8
2/20/2025		1.1

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-23R	GWC-23R
3/9/2016	26.4322	
5/6/2016	17.7	
7/15/2016	12	
9/14/2016	12	
11/1/2016	10	
1/25/2017	8.2	
3/22/2017	13	
5/24/2017	10	
9/21/2017	16	
3/14/2018	14	
9/11/2018	14.9	
3/12/2019	17.7	
9/6/2019	9.5	
3/5/2020	10.8	
9/9/2020	124	
12/15/2020	61.2	
3/10/2021	56.8	
7/30/2021	72.6	
1/28/2022	98.4	
8/11/2022	143	
11/3/2022	137 (J)	
2/10/2023	86.7	
8/3/2023	69.2	
2/16/2024		59.5
7/31/2024		57.8
2/25/2025		25.5

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-24R	GWC-24R
3/4/2016	1.0816	
5/5/2016	11.3	
7/12/2016	8.8	
9/13/2016	5.4	
10/27/2016	9.9	
1/13/2017	7.8	
3/20/2017	2.3	
5/19/2017	2.4	
9/19/2017	2.3	
3/13/2018	1.4	
9/11/2018	1.7	
3/8/2019	1.9	
9/5/2019	1.8	
3/3/2020	2	
9/9/2020	1.9	
3/9/2021	1.6	
7/29/2021	1.8	
1/28/2022	2.3	
8/9/2022	2.1	
2/9/2023	2.9	
8/3/2023	3	
2/15/2024		2.3
7/31/2024		2.8
2/24/2025		2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-25R	GWC-25R
3/8/2016	1.3157	
5/4/2016	1.46	
7/18/2016	1.5	
9/13/2016	1.5	
10/27/2016	1.7	
1/13/2017	2	
3/16/2017	1.6	
5/19/2017	1.5	
9/19/2017	1.8	
3/13/2018	1.7	
9/11/2018	1.7	
3/8/2019	1.6	
9/5/2019	1.6	
3/3/2020	1.6	
9/4/2020	1.6	
3/9/2021	1.6	
8/2/2021	1.7	
1/27/2022	2	
8/9/2022	1.9	
2/9/2023	2.3	
8/3/2023	2.2	
2/16/2024		1.9
7/31/2024		2.3
2/25/2025		1.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
3/1/2016	6.8929	
5/2/2016	1.6	
7/6/2016	1.7	
9/7/2016	1.5	
10/25/2016	1.8	
1/5/2017	4.6	
3/14/2017	2.8	
5/16/2017	2.1	
9/15/2017	3	
3/12/2018	8.2	
9/6/2018	1.5	
3/7/2019	4.3	
9/4/2019	1.8	
3/2/2020	7.9	
9/14/2020	1.3	
3/26/2021	5.4	
7/27/2021	7.4	
1/26/2022	7.5	
8/8/2022	19.2	
2/8/2023	21.7	
8/3/2023	4.2	
2/13/2024		19.1
7/30/2024		15.5
2/19/2025		18.9

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-37	GWC-37
3/1/2016	0.9427 (J)	
5/3/2016	0.87 (J)	
7/8/2016	0.79 (J)	
9/7/2016	0.85 (J)	
10/25/2016	0.74 (J)	
1/6/2017	0.64 (J)	
3/14/2017	0.77 (J)	
5/16/2017	0.48 (J)	
9/15/2017	0.76 (J)	
3/12/2018	0.42 (J)	
9/6/2018	0.37 (J)	
3/6/2019	0.46 (J)	
9/4/2019	<1	
3/2/2020	<1	
9/3/2020	<1	
2/24/2021	<1	
7/28/2021	<1	
1/26/2022	<1	
8/8/2022	<1	
2/8/2023	0.75 (J)	
8/2/2023	0.57 (J)	
2/13/2024		<1
7/30/2024		0.58 (J)
2/19/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-38	GWC-38
3/2/2016	2.5669	
5/3/2016	1.83	
7/7/2016	1.8	
9/8/2016	0.97 (J)	
10/25/2016	1.2	
2/9/2017	0.31 (J)	
3/23/2017	0.54 (J)	
5/17/2017	0.66 (J)	
9/19/2017	2	
3/13/2018	1.5	
9/6/2018	1.4	
3/7/2019	1.1	
9/4/2019	0.83 (J)	
3/2/2020	0.5 (J)	
9/3/2020	0.58 (J)	
2/24/2021	0.72 (J)	
7/28/2021	0.81 (J)	
1/25/2022	0.58 (J)	
8/5/2022	<1	
2/8/2023	0.9 (J)	
8/2/2023	0.67 (J)	
2/13/2024		0.7 (J)
7/30/2024		0.94 (J)
2/19/2025		0.52 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1	GWA-1
3/22/2016	150	
5/19/2016	150	
7/29/2016	146	
9/23/2016	163	
11/9/2016	147	
1/30/2017	127	
3/30/2017	137	
6/9/2017	164	
10/2/2017	137	
3/16/2018	140	
9/17/2018	162	
3/20/2019	175	
9/12/2019	174	
3/11/2020	172	
9/15/2020	156	
3/16/2021	155	
8/9/2021	150	
2/1/2022	143	
8/16/2022	159	
2/16/2023	152 (J)	
7/27/2023	167	
2/22/2024		148
8/7/2024		179
2/27/2025		142

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2	GWA-2
3/23/2016	259	
5/20/2016	122	
7/29/2016	156	
9/23/2016	150	
11/9/2016	87	
1/31/2017	63	
3/30/2017	112	
6/12/2017	216	
10/2/2017	<25	
3/19/2018	295	
9/14/2018	30	
3/20/2019	49	
9/12/2019	44	
3/11/2020	309	
9/15/2020	28	
3/17/2021	211	
8/9/2021	207	
2/1/2022	202	
8/16/2022	182	
2/16/2023	267 (J)	
7/27/2023	177	
2/22/2024		210
8/7/2024		183
2/27/2025		211

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-2R	GWA-2R
3/23/2016	174	
5/19/2016	93	
7/29/2016	68	
9/22/2016	91	
11/10/2016	96	
1/31/2017	206	
4/3/2017	118	
6/9/2017	87	
10/2/2017	73	
3/16/2018	130	
9/14/2018	103	
3/19/2019	208	
9/13/2019	113	
3/11/2020	170	
9/15/2020	89	
3/16/2021	102	
8/9/2021	127	
2/1/2022	114	
8/16/2022	123	
2/16/2023	197 (J)	
7/27/2023	155	
2/26/2024		126
8/6/2024		105
2/27/2025		231

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39RZ	GWA-39RZ
5/16/2016	114 (D)	
7/27/2016	107 (D)	
2/21/2017	229 (D)	
3/27/2017	239 (D)	
6/8/2017	179 (D)	
7/17/2017	180 (D)	
7/27/2017	190 (D)	
8/9/2017	153 (D)	
9/29/2017	173 (D)	
3/16/2018	150	
9/14/2018	165	
3/14/2019	154	
9/10/2019	181	
3/9/2020	173	
9/16/2020	156	
3/16/2021	142	
8/6/2021	133	
2/2/2022	143	
8/16/2022	125	
2/14/2023	149 (J)	
7/25/2023	158	
2/19/2024		177
8/1/2024		161
2/26/2025		156

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-39Z	GWA-39Z
3/14/2016	106	
5/11/2016	58	
7/19/2016	46	
9/15/2016	41	
11/2/2016	37	
1/18/2017	29	
3/28/2017	40	
9/26/2017	107	
3/14/2018	126	
9/12/2018	134	
3/15/2019	107	
9/9/2019	93	
3/9/2020	58	
9/10/2020	16	
3/12/2021	55	
8/4/2021	60	
1/31/2022	61	
8/10/2022	50	
2/13/2023	105 (J)	
7/26/2023	57	
2/19/2024		63
8/1/2024		68
2/25/2025		91

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-3A	GWA-3A
3/23/2016	<25	
5/23/2016	<25	
7/29/2016	17 (J)	
9/22/2016	33	
11/10/2016	41	
1/31/2017	58	
3/30/2017	<25	
6/12/2017	20 (J)	
10/4/2017	<25	
3/19/2018	<25	
9/17/2018	32	
3/20/2019	30	
9/13/2019	19	
3/11/2020	24	
3/29/2021	76	
8/9/2021	95	
2/2/2022	104	
8/16/2022	85	
2/17/2023	117 (J)	
8/1/2023	113	
2/22/2024	117	
8/8/2024	150	
2/26/2025		121

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-40	GWA-40
3/15/2016	107	
5/11/2016	80	
7/21/2016	76	
9/19/2016	108	
11/3/2016	90	
1/17/2017	128	
3/24/2017	91	
5/24/2017	152	
9/26/2017	103	
3/14/2018	123	
9/12/2018	105	
3/13/2019	130	
9/9/2019	108	
3/9/2020	131	
9/11/2020	102	
3/10/2021	60	
8/4/2021	66	
1/31/2022	81	
8/12/2022	91	
2/13/2023	259 (J)	
7/26/2023	70	
2/19/2024		108
8/1/2024		96
2/25/2025		119

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41	GWA-41
3/15/2016	110	
5/12/2016	49	
7/20/2016	72	
9/15/2016	18 (J)	
11/3/2016	70	
1/18/2017	63	
3/24/2017	63	
6/6/2017	128	
9/25/2017	109	
3/14/2018	192	
9/12/2018	82	
3/14/2019	119	
9/10/2019	36	
3/6/2020	137	
9/10/2020	35	
3/11/2021	101	
8/4/2021	77	
1/31/2022	63	
8/11/2022	73	
2/13/2023	111 (J)	
7/25/2023	43	
2/19/2024		130
8/1/2024		49
2/25/2025		142

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R	GWA-41R
3/15/2016	78	
5/13/2016	178	
7/21/2016	168	
9/21/2016	123	
11/3/2016	157	
1/17/2017	170	
3/27/2017	158	
6/6/2017	212	
9/25/2017	145	
3/14/2018	210	
9/12/2018	159	
3/14/2019	157	
9/10/2019	113	
3/9/2020	249	
9/10/2020	111	
3/10/2021	148	
8/4/2021	176	
1/31/2022	184	
8/11/2022	170	
2/13/2023	163 (J)	
7/25/2023	162	
2/19/2024		199
8/1/2024		197
2/25/2025		161

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-42	GWA-42
3/11/2016	139	
5/16/2016	112	
7/22/2016	136	
9/19/2016	121	
11/3/2016	132	
1/17/2017	150	
3/27/2017	148	
6/7/2017	181	
9/26/2017	113	
3/14/2018	134	
9/14/2018	139	
3/14/2019	157	
9/10/2019	105	
3/6/2020	143	
9/10/2020	120	
3/11/2021	109	
8/4/2021	141	
1/31/2022	132	
8/10/2022	134	
2/13/2023	226	
7/26/2023	134	
2/20/2024		146
8/1/2024		158
2/25/2025		155

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43	GWA-43
3/11/2016	69	
5/13/2016	88	
7/19/2016	56	
9/16/2016	31	
11/2/2016	48	
1/18/2017	44	
3/28/2017	<25	
6/6/2017	36	
9/22/2017	41	
3/14/2018	<25	
9/12/2018	<25	
3/13/2019	31	
9/11/2019	21	
3/9/2020	51	
9/11/2020	31	
3/11/2021	14	
8/6/2021	33	
1/31/2022	25	
8/11/2022	28	
2/14/2023	60.9	
7/25/2023	<25	
2/20/2024		<25
8/2/2024		33
2/25/2025		<25

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43R	GWA-43R
3/11/2016	144	
5/13/2016	142	
7/19/2016	135	
9/16/2016	144	
11/2/2016	152	
1/18/2017	125	
3/28/2017	109	
6/6/2017	154	
9/22/2017	157	
3/15/2018	117	
9/12/2018	151	
3/13/2019	152	
9/11/2019	151	
3/9/2020	174	
9/14/2020	146	
3/11/2021	98	
8/5/2021	126	
1/31/2022	128	
8/10/2022	145	
2/13/2023	126	
7/25/2023	167	
2/20/2024		136
8/2/2024		188
2/25/2025		140

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ	GWA-4RZ
2/22/2017	329 (D)	
4/7/2017	295 (D)	
6/14/2017	237 (D)	
7/12/2017	400 (D)	
7/20/2017	203 (D)	
7/28/2017	262 (D)	
8/9/2017	195 (D)	
8/24/2017	236 (D)	
10/3/2017	224 (D)	
3/21/2018	237	
9/18/2018	227	
3/21/2019	367 (D)	
9/12/2019	200 (D)	
3/12/2020	247	
9/17/2020	223	
3/16/2021	196	
8/10/2021	238	
2/3/2022	243	
8/17/2022	226	
2/17/2023	252 (J)	
7/28/2023	243	
2/27/2024		268
8/8/2024		258
2/28/2025		273

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50	GWA-50
3/28/2016	<25	
5/23/2016	32	
8/1/2016	<25	
9/26/2016	45	
11/10/2016	38	
1/30/2017	<25	
4/7/2017	18 (J)	
6/12/2017	15 (J)	
10/2/2017	17 (J)	
3/16/2018	<25	
9/17/2018	38	
3/19/2019	34	
9/13/2019	19	
3/11/2020	17	
9/16/2020	20	
3/17/2021	<25	
8/9/2021	14	
2/1/2022	21	
8/16/2022	<25	
2/16/2023	<25	
7/28/2023	<25	
2/22/2024		<25
8/8/2024		147
2/27/2025		32

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R	GWA-50R
3/28/2016	46	
5/25/2016	57	
8/1/2016	<25	
9/26/2016	60	
11/11/2016	13 (J)	
1/30/2017	<25	
4/3/2017	100	
6/12/2017	51	
10/2/2017	32	
3/16/2018	<25	
9/18/2018	15 (J)	
3/19/2019	48	
9/12/2019	46	
3/11/2020	24	
9/15/2020	12	
3/17/2021	31	
8/9/2021	<25	
2/2/2022	15	
8/17/2022	18 (J)	
2/16/2023	<25	
7/28/2023	<25	
2/22/2024		<25
8/8/2024		64
2/28/2025		<25

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-16R	GWC-16R
3/3/2016	306	
5/10/2016	275	
7/13/2016	234	
9/15/2016	259	
11/2/2016	260	
1/11/2017	306	
3/20/2017	304	
5/23/2017	297	
9/21/2017	307	
3/14/2018	312	
9/7/2018	298	
3/11/2019	344	
9/9/2019	275	
3/4/2020	326	
9/9/2020	297	
3/9/2021	335	
7/30/2021	294	
1/28/2022	317	
8/11/2022	306	
2/10/2023	369	
8/4/2023	306	
2/15/2024		401
6/26/2024		313 (R)
7/31/2024		315
2/25/2025		312

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-17R	GWC-17R
3/4/2016	348	
5/10/2016	342	
7/14/2016	335	
9/14/2016	335	
11/1/2016	296	
1/11/2017	376	
3/21/2017	346	
5/23/2017	320	
9/22/2017	337	
3/14/2018	323	
9/11/2018	317	
3/12/2019	306	
9/10/2019	312	
3/5/2020	307	
9/9/2020	285	
3/10/2021	256	
7/30/2021	270	
1/28/2022	302	
8/11/2022	296	
2/10/2023	302	
8/3/2023	316	
2/15/2024		333
7/31/2024		300
2/25/2025		305

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18	GWC-18
3/7/2016	100	
5/5/2016	63	
7/13/2016	63	
9/13/2016	81	
10/31/2016	40	
1/12/2017	92	
3/23/2017	116	
5/23/2017	107	
9/25/2017	110	
3/14/2018	115	
9/11/2018	102	
3/12/2019	135 (J)	
9/9/2019	95	
3/6/2020	109	
9/9/2020	88	
2/26/2021	90	
7/29/2021	103	
1/28/2022	99	
8/10/2022	86	
2/9/2023	175	
8/3/2023	82	
2/14/2024		143
7/31/2024		87
2/20/2025		119

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-18R	GWC-18R
3/7/2016	167	
5/5/2016	119	
7/13/2016	135	
9/12/2016	129	
11/1/2016	121	
1/11/2017	177	
3/20/2017	149	
5/22/2017	119	
9/21/2017	166	
3/14/2018	139	
9/7/2018	149	
3/12/2019	143 (J)	
9/6/2019	141	
3/5/2020	143	
9/9/2020	120	
2/26/2021	121	
7/29/2021	146	
1/27/2022	146	
8/10/2022	147	
2/9/2023	171	
8/4/2023	148	
2/14/2024		156
7/31/2024		156
2/19/2025		144

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-19R	GWC-19R
3/7/2016	172	
5/9/2016	206	
7/14/2016	136	
9/12/2016	171	
10/31/2016	160	
1/11/2017	214	
3/21/2017	175 (J)	
5/22/2017	129	
9/20/2017	173	
3/14/2018	156	
9/10/2018	172	
3/12/2019	156 (J)	
9/9/2019	172	
3/4/2020	157	
9/9/2020	152	
2/26/2021	172	
8/5/2021	154	
1/27/2022	149	
8/9/2022	102	
2/9/2023	171	
8/4/2023	163	
2/14/2024		182
7/31/2024		144
2/20/2025		153

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-20R
3/8/2016	207	
5/9/2016	189	
7/14/2016	193	
9/12/2016	201	
10/31/2016	215	
1/12/2017	198	
5/22/2017	197	
9/19/2017	225	
12/29/2017	198 (Y)	
3/14/2018	167	
9/10/2018	184	
3/12/2019	191 (J)	
9/6/2019	179	
3/5/2020	171	
9/4/2020	212	
3/9/2021	163	
8/2/2021	168	
1/27/2022	176	
8/9/2022	171	
2/10/2023	226 (J)	
8/3/2023	193	
2/15/2024		224
8/1/2024		245
2/20/2025		172

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:10 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-21R
3/8/2016	318	
5/9/2016	136	
7/15/2016	237	
9/9/2016	263	
10/27/2016	283	
1/12/2017	276	
3/21/2017	385	
5/23/2017	294	
9/19/2017	302	
3/14/2018	306	
9/10/2018	328	
3/11/2019	311	
9/6/2019	291	
3/3/2020	292	
9/8/2020	297	
3/9/2021	286	
8/2/2021	292	
1/28/2022	290	
8/10/2022	286	
2/9/2023	317	
8/4/2023	298	
2/15/2024		290
8/2/2024		313
2/25/2025		241

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:11 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-22R	GWC-22R
3/7/2016	163	
5/5/2016	140	
7/14/2016	161	
9/12/2016	168	
10/27/2016	140	
1/13/2017	147 (J)	
3/20/2017	186	
5/23/2017	183	
9/19/2017	167	
3/13/2018	159	
9/7/2018	169	
3/11/2019	166	
9/5/2019	171	
3/3/2020	181	
9/8/2020	157	
3/9/2021	161	
8/2/2021	166	
1/27/2022	167	
8/10/2022	162	
2/9/2023	328 (O)	
8/3/2023	153	
2/15/2024		180
7/31/2024		181
2/20/2025		154

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:11 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-23R	GWC-23R
3/9/2016	287	
5/6/2016	284	
7/15/2016	249	
9/14/2016	273	
11/1/2016	258	
1/25/2017	340	
3/22/2017	264	
5/24/2017	331	
9/21/2017	347	
3/14/2018	290	
9/11/2018	295	
3/12/2019	310 (J)	
9/6/2019	300	
3/5/2020	265	
9/9/2020	501	
12/15/2020	351	
3/10/2021	333	
7/30/2021	380	
1/28/2022		454
8/11/2022		586
11/3/2022		573 (J)
2/10/2023		533
8/3/2023		536
2/16/2024		395
7/31/2024		403
2/25/2025		329

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:11 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-24R	GWC-24R
3/4/2016	209	
5/5/2016	152	
7/12/2016	157	
9/13/2016	154	
10/27/2016	162	
1/13/2017	165	
3/20/2017	205 (J)	
5/19/2017	149	
9/19/2017	153	
3/13/2018	153	
9/11/2018	152	
3/8/2019	164	
9/5/2019	155.5 (D)	
3/3/2020	146	
9/9/2020	155	
3/9/2021	158	
7/29/2021	143	
1/28/2022	159	
8/9/2022	149	
2/9/2023	147	
8/3/2023	146	
2/15/2024		248
7/31/2024		152
2/24/2025		129

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:11 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-25R	GWC-25R
3/8/2016	177	
5/4/2016	97	
7/18/2016	150	
9/13/2016	159	
10/27/2016	143	
1/13/2017	158	
3/16/2017	167	
5/19/2017	150	
9/19/2017	146	
3/13/2018	153	
9/11/2018	153	
3/8/2019	155	
9/5/2019	177	
3/3/2020	183	
9/4/2020	172	
3/9/2021	153	
8/2/2021	175	
1/27/2022	168	
8/9/2022	164	
2/9/2023	169	
8/3/2023	170	
2/16/2024		155
7/31/2024		166
2/25/2025		160

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:11 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-36RA	GWC-36RA
3/1/2016	150	
5/2/2016	105	
7/6/2016	113	
9/7/2016	169	
10/25/2016	152	
1/5/2017	229	
3/14/2017	188	
5/16/2017	147	
9/15/2017	146	
3/12/2018	169	
9/6/2018	155	
3/7/2019	135	
9/4/2019	142	
3/2/2020	170	
9/14/2020	156	
3/26/2021	123	
7/27/2021	163	
1/26/2022	184	
8/8/2022	232 (J)	
2/8/2023	238	
8/3/2023	188	
2/13/2024		252
7/30/2024		217
2/19/2025		241

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:11 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-37	GWC-37
3/1/2016	34	
5/3/2016	<25	
7/8/2016	14 (J)	
9/7/2016	16 (J)	
10/25/2016	<25	
1/6/2017	189 (O)	
3/14/2017	90 (O)	
5/16/2017	20 (J)	
9/15/2017	14 (J)	
3/12/2018	<25	
9/6/2018	<25	
3/6/2019	22 (J)	
9/4/2019	26	
3/2/2020	<25	
9/3/2020	25	
2/24/2021	10	
7/28/2021	13	
1/26/2022	26	
8/8/2022	19 (J)	
2/8/2023	<25	
8/2/2023	<25	
2/13/2024		<25
7/30/2024		<25
2/19/2025		<25

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Total Dissolved Solids (mg/l) Analysis Run 5/20/2025 6:11 PM View: Appendix III Intrawell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-38	GWC-38
3/2/2016	34	
5/3/2016	<25	
7/7/2016	39	
9/8/2016	<25	
10/25/2016	<25	
2/9/2017	65	
3/23/2017	<25	
5/17/2017	113	
9/19/2017	21 (J)	
3/13/2018	33	
9/6/2018	<25	
3/7/2019	84	
9/4/2019	44	
3/2/2020	32	
9/3/2020	21	
2/24/2021	12	
7/28/2021	18	
1/25/2022	27	
8/5/2022	27	
2/8/2023	31	
8/2/2023	32	
2/13/2024		31
7/30/2024		53
2/19/2025		<25

ND substitution: RL or RL/2 if <15% NDs.

FIGURE H.

Appendix III Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/20/2025, 6:13 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH (pH_units)	GWC-21R	8.34	4.24	2/25/2025	7.58	No	510	n/a	n/a	0	n/a	n/a	0.0000982	NP Inter (normality) 1 of 2

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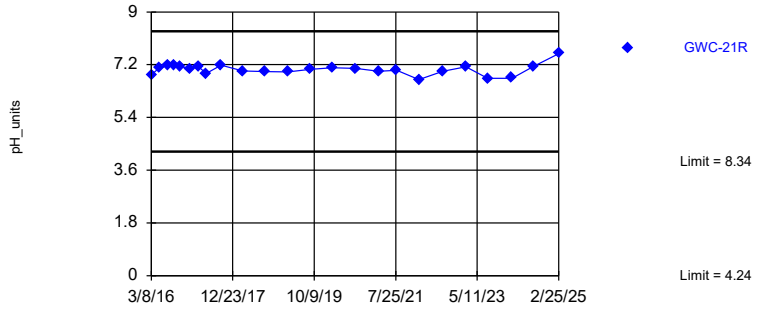
Within Limits

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 510 background values. Annual per-constituent alpha = 0.002944. Individual comparison alpha = 0.0000982 (1 of 2). Assumes 14 future values.

Constituent: pH Analysis Run 5/20/2025 6:13 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:13 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-56 (bg)	GWA-55R (bg)	GWC-21R	GWA-43R (bg)
2/29/2016	7.52								
3/2/2016		7.77	7.76	7.51	7.01				
3/3/2016						7.95	7.44		
3/8/2016								6.86	
3/11/2016									7.89
3/14/2016									
3/15/2016									
3/22/2016									
3/23/2016									
3/28/2016									
5/3/2016		7.76	7.8		7.26		7.64		
5/4/2016	7.59			7.68					
5/9/2016						7.66		7.08	
5/11/2016									
5/12/2016									
5/13/2016									7.86
5/16/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/25/2016									
7/7/2016									
7/8/2016	7.61	7.82		7.7					
7/11/2016			7.82		7.45	7.86	7.72		
7/15/2016								7.2	
7/19/2016									7.83
7/20/2016									
7/21/2016									
7/22/2016									
7/27/2016									
7/29/2016									
8/1/2016									
9/7/2016			7.83						
9/8/2016	7.52	7.73		7.71					
9/9/2016					7.55	7.89	7.66	7.17	
9/15/2016									
9/16/2016									7.75
9/19/2016									
9/21/2016									
9/22/2016									
9/23/2016									
9/26/2016									
10/26/2016	7.67	7.71		7.6	7.55	7.98			
10/27/2016			7.84				7.75	7.14	
11/2/2016									7.77
11/3/2016									
11/9/2016									
11/10/2016									
11/11/2016									
1/6/2017	7.49		7.63						
1/9/2017		7.52		7.81	7.62	7.9	7.83		
1/12/2017								7.06	

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:13 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-56 (bg)	GWA-55R (bg)	GWC-21R	GWA-43R (bg)
1/17/2017									
1/18/2017									7.65
1/30/2017									
1/31/2017									
2/21/2017									
2/22/2017									
3/15/2017	7.55			7.74		8			
3/16/2017		7.84	7.8		7.4		7.78		
3/21/2017								7.14	
3/24/2017									
3/27/2017									
3/28/2017									7.79
3/30/2017									
4/3/2017									
4/7/2017									
5/17/2017	7.55								
5/18/2017				7.39	7.24	8.21	7.64		
5/19/2017		7.72	7.81						
5/23/2017								6.9	
5/24/2017									
6/6/2017									7.89
6/7/2017									
6/8/2017									
6/9/2017									
6/12/2017									
6/14/2017									
7/11/2017									
7/12/2017									
7/17/2017									
7/18/2017									
7/19/2017									
7/20/2017									
7/26/2017									
7/27/2017									
7/28/2017									
8/8/2017									
8/9/2017									
8/23/2017									
8/24/2017									
9/15/2017	7.48			7.61	7.38	8.34			
9/18/2017							7.66		
9/19/2017		7.68	7.84					7.18	
9/22/2017									7.8
9/25/2017									
9/26/2017									
9/29/2017									
10/2/2017									
10/3/2017									
10/4/2017									
12/28/2017									7.78 (Y)
1/9/2018						8.1 (Y)			
3/12/2018					7		7.11		

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:13 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-56 (bg)	GWA-55R (bg)	GWC-21R	GWA-43R (bg)
3/13/2018	7.34	7.74	7.8	7.39		8.03			
3/14/2018								6.99	
3/15/2018									7.66
3/16/2018									
3/19/2018									
3/21/2018									
9/6/2018	7.5			7.66					
9/7/2018					7.45	8.14	7.6		
9/10/2018								6.96	
9/11/2018		7.64	7.76						
9/12/2018									7.75
9/14/2018									
9/17/2018									
9/18/2018									
3/7/2019	7.29			7.55		8.05	7.22		
3/8/2019		7.73			7.14				
3/11/2019								6.95	
3/12/2019			7.7						
3/13/2019									7.84
3/14/2019									
3/15/2019									
3/19/2019									
3/20/2019									
3/21/2019									
9/4/2019	7.43					7.79			
9/5/2019		7.57	7.68	7.54	7.26		7.53		
9/6/2019								7.04	
9/9/2019									
9/10/2019									
9/11/2019									7.75
9/12/2019									
9/13/2019									
3/2/2020	7.44								
3/3/2020				7.59	6.95			7.1	
3/4/2020		7.63	7.72			7.95	7.27		
3/6/2020									
3/9/2020									7.73
3/11/2020									
3/12/2020									
9/3/2020	7.67								
9/4/2020					7.24	7.82	7.64		
9/8/2020		7.67	7.68	7.56				7.07	
9/9/2020									
9/10/2020									
9/11/2020									
9/14/2020									7.76
9/15/2020									
9/16/2020									
9/17/2020									
2/24/2021	7.53								
2/25/2021				7.55	7.05	7.85	7.27		
2/26/2021		7.7	7.72						

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:13 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-56 (bg)	GWA-55R (bg)	GWC-21R	GWA-43R (bg)
3/9/2021								6.98	
3/10/2021									
3/11/2021									7.81
3/12/2021									
3/16/2021									
3/17/2021									
3/29/2021									
7/27/2021	7.4			7.41					
7/28/2021					6.96	7.79	7.17		
7/29/2021		7.55	7.57						
8/2/2021								7.01	
8/4/2021									
8/5/2021									7.75
8/6/2021									
8/9/2021									
8/10/2021									
1/25/2022	7.44			7.38					
1/26/2022		7.72	7.78		7.21	7.45			
1/27/2022							7.27		
1/28/2022								6.69	
1/31/2022									8.04
2/1/2022									
2/2/2022									
2/3/2022									
8/5/2022	7.35			7.32		7.6			
8/8/2022		7.66	7.61		7.1		7.26		
8/9/2022									
8/10/2022								6.98	7.72
8/11/2022									
8/12/2022									
8/16/2022									
8/17/2022									
2/9/2023								7.13	
2/13/2023									7.82
2/14/2023									
2/16/2023									
2/17/2023									
7/25/2023									7.31
7/26/2023									
7/27/2023									
7/28/2023									
8/1/2023									
8/4/2023								6.73	
2/15/2024								6.74	
2/19/2024									
2/20/2024									7.82
2/22/2024									
2/26/2024									
2/27/2024									
8/1/2024									
8/2/2024								7.13	7.74
8/6/2024									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:13 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-56 (bg)	GWA-55R (bg)	GWC-21R	GWA-43R (bg)
8/7/2024									
8/8/2024									
2/25/2025								7.58	7.77
2/26/2025									
2/27/2025									
2/28/2025									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:13 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-1 (bg)	GWA-2R (bg)	GWA-2 (bg)
2/29/2016									
3/2/2016									
3/3/2016									
3/8/2016									
3/11/2016	6.43	7.37							
3/14/2016			6.91						
3/15/2016				6.74	7.15	7.58			
3/22/2016							7.65		
3/23/2016								7.45	6.7
3/28/2016									
5/3/2016									
5/4/2016									
5/9/2016									
5/11/2016			6.51			7.24			
5/12/2016				6.41					
5/13/2016	6.8				7.29				
5/16/2016		7.55							
5/19/2016							7.6	7.5	
5/20/2016									6.36
5/23/2016									
5/25/2016									
7/7/2016									
7/8/2016									
7/11/2016									
7/15/2016									
7/19/2016	6.42		6.12						
7/20/2016				6.59					
7/21/2016					7.43	7.53			
7/22/2016		7.51							
7/27/2016									
7/29/2016							7.58	7.59	6.75
8/1/2016									
9/7/2016									
9/8/2016									
9/9/2016									
9/15/2016			5.96			7			
9/16/2016	6.19								
9/19/2016		7.52				7.19			
9/21/2016					7.05				
9/22/2016								7.44	
9/23/2016							7.57		6.62
9/26/2016									
10/26/2016									
10/27/2016									
11/2/2016	6.36		5.78						
11/3/2016		7.56		6.45	7.4	7.13			
11/9/2016							7.45		6.42
11/10/2016								7.55	
11/11/2016									
1/6/2017									
1/9/2017									
1/12/2017									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:13 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-1 (bg)	GWA-2R (bg)	GWA-2 (bg)
1/17/2017		7.59			7.06	7.51			
1/18/2017	6.16		6.13	6.34					
1/30/2017							7.64		
1/31/2017								7.56	5.66
2/21/2017									
2/22/2017									
3/15/2017									
3/16/2017									
3/21/2017									
3/24/2017				6.42		7.55			
3/27/2017		7.63			7.13				
3/28/2017	5.8		6.59						
3/30/2017							7.51		6.33
4/3/2017								7.46	
4/7/2017									
5/17/2017									
5/18/2017									
5/19/2017									
5/23/2017									
5/24/2017						7.6			
6/6/2017	5.97			6.82	7.18				
6/7/2017		7.55	6.72						
6/8/2017									
6/9/2017							7.6	7.24	
6/12/2017									6.6
6/14/2017									
7/11/2017									
7/12/2017									
7/17/2017									
7/18/2017									
7/19/2017									
7/20/2017									
7/26/2017									
7/27/2017									
7/28/2017									
8/8/2017									
8/9/2017									
8/23/2017									
8/24/2017									
9/15/2017									
9/18/2017									
9/19/2017									
9/22/2017	5.77								
9/25/2017				6.63	6.88				
9/26/2017		7.59	7.05			7.66			
9/29/2017									
10/2/2017							7.55	7.35	5.61
10/3/2017									
10/4/2017									
12/28/2017			6.79 (Y)			7.34 (Y)			
1/9/2018									
3/12/2018									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:13 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-1 (bg)	GWA-2R (bg)	GWA-2 (bg)
3/13/2018									
3/14/2018	5.85	7.6	7.42	7.08	7.04	7.56			
3/15/2018									
3/16/2018							7.58	7.31	
3/19/2018									6.55
3/21/2018									
9/6/2018									
9/7/2018									
9/10/2018									
9/11/2018									
9/12/2018	5.65		6.86	6.54	7.02	7.12			
9/14/2018		7.37						7.55	5.81
9/17/2018							7.53 (D)		
9/18/2018									
3/7/2019									
3/8/2019									
3/11/2019									
3/12/2019									
3/13/2019	5.63					7.12			
3/14/2019		7.57		6.58	6.93				
3/15/2019			6.78						
3/19/2019								7.2	
3/20/2019							7.64		5.71
3/21/2019									
9/4/2019									
9/5/2019									
9/6/2019									
9/9/2019			6.49			7.07			
9/10/2019		7.53		5.66	6.72				
9/11/2019	5.53								
9/12/2019							7.36		5.45 (D)
9/13/2019								7.29	
3/2/2020									
3/3/2020									
3/4/2020									
3/6/2020		7.42		6.82					
3/9/2020	5.5		5.9		6.7	7.5			
3/11/2020							7.51	7.09	6.56
3/12/2020									
9/3/2020									
9/4/2020									
9/8/2020									
9/9/2020									
9/10/2020		7.48	5.53	6.4	6.67				
9/11/2020	6.25					6.98			
9/14/2020									
9/15/2020							7.43	7.45	6.38
9/16/2020									
9/17/2020									
2/24/2021									
2/25/2021									
2/26/2021									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:13 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-1 (bg)	GWA-2R (bg)	GWA-2 (bg)
3/9/2021									
3/10/2021					7.3	7.3			
3/11/2021	5.55	7.53		6.8					
3/12/2021			6.39						
3/16/2021							7.57	7.51	
3/17/2021									6.58
3/29/2021									
7/27/2021									
7/28/2021									
7/29/2021									
8/2/2021									
8/4/2021		7.35	6.21	6.34	7.15	6.79			
8/5/2021									
8/6/2021	5.52								
8/9/2021							7.44	6.63	6.47
8/10/2021									
1/25/2022									
1/26/2022									
1/27/2022									
1/28/2022									
1/31/2022	5.71	7.17	6.41	6.02	6.63	6.85			
2/1/2022							7.52	6.62	6.3
2/2/2022									
2/3/2022									
8/5/2022									
8/8/2022									
8/9/2022									
8/10/2022		7.26	6.07						
8/11/2022	5.64			6.29	7.12				
8/12/2022						6.83			
8/16/2022							7.36	7.11	6.63
8/17/2022									
2/9/2023									
2/13/2023		6.83	6.35	6.25	6.45	6.94			
2/14/2023	5.24								
2/16/2023							7.39	7.02	6.56
2/17/2023									
7/25/2023	4.64			5.58	6.19				
7/26/2023		6.92	5.77			6.46			
7/27/2023							7.08	6.49	6.06
7/28/2023									
8/1/2023									
8/4/2023									
2/15/2024									
2/19/2024			6.34	6.17	6.79	6.75			
2/20/2024	5.31	7.39							
2/22/2024							6.97		6.03
2/26/2024								6.85	
2/27/2024									
8/1/2024		7.49	5.88	6.03	7.17	7.06			
8/2/2024	5.28								
8/6/2024								7.61	

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:13 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-43 (bg)	GWA-42 (bg)	GWA-39Z (bg)	GWA-41 (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-1 (bg)	GWA-2R (bg)	GWA-2 (bg)
8/7/2024							7.51		6.73
8/8/2024									
2/25/2025	5.28	7.41		6.8	6.63	7.51			
2/26/2025									
2/27/2025							7.5	7.18	6.7
2/28/2025									

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:13 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)	GWA-3A (bg)
2/29/2016						
3/2/2016						
3/3/2016						
3/8/2016						
3/11/2016						
3/14/2016						
3/15/2016						
3/22/2016						
3/23/2016						5.96
3/28/2016	6.45	6.22				
5/3/2016						
5/4/2016			7.52			
5/9/2016						
5/11/2016						
5/12/2016						
5/13/2016						
5/16/2016				7.61 (D)		
5/19/2016						
5/20/2016						
5/23/2016		5.86				5.73
5/25/2016	6.96					
7/7/2016			7.42			
7/8/2016						
7/11/2016						
7/15/2016						
7/19/2016						
7/20/2016						
7/21/2016						
7/22/2016						
7/27/2016				7.51 (D)		
7/29/2016						5.51
8/1/2016	5.64	6.39				
9/7/2016						
9/8/2016			7.4			
9/9/2016						
9/15/2016						
9/16/2016						
9/19/2016						
9/21/2016						
9/22/2016						5.45
9/23/2016						
9/26/2016	6.26	5.74				
10/26/2016			7.59			
10/27/2016						
11/2/2016						
11/3/2016						
11/9/2016						
11/10/2016		5.78				5.51
11/11/2016	5.62					
1/6/2017			7.51			
1/9/2017						
1/12/2017						

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:13 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)	GWA-3A (bg)
1/17/2017						
1/18/2017						
1/30/2017	5.49	5.88				
1/31/2017						5.42
2/21/2017				7.76 (D)		
2/22/2017					7.38 (D)	
3/15/2017			7.51			
3/16/2017						
3/21/2017						
3/24/2017						
3/27/2017				7.7 (D)		
3/28/2017						
3/30/2017						5.43
4/3/2017	6.32					
4/7/2017		5.94			7.35 (D)	
5/17/2017						
5/18/2017			7.64			
5/19/2017						
5/23/2017						
5/24/2017						
6/6/2017						
6/7/2017						
6/8/2017				7.69 (D)		
6/9/2017						
6/12/2017	6.48	5.81				5.47
6/14/2017					7.3 (D)	
7/11/2017					7.39	
7/12/2017					7.39 (D)	
7/17/2017				7.57 (D)		
7/18/2017			7.58			
7/19/2017			7.58		7.44	
7/20/2017					7.44 (D)	
7/26/2017				7.63		
7/27/2017				7.63	7.5	
7/28/2017					7.5	
8/8/2017				7.73	7.52	
8/9/2017				7.73	7.52	
8/23/2017					7.5	
8/24/2017					7.5	
9/15/2017						
9/18/2017						
9/19/2017			7.37			
9/22/2017						
9/25/2017						
9/26/2017						
9/29/2017				7.7 (D)		
10/2/2017	6.41	5.93				
10/3/2017					7.51 (D)	
10/4/2017						5.23
12/28/2017					7.32 (Y)	
1/9/2018						
3/12/2018						

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:13 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)	GWA-3A (bg)
3/13/2018			7.62			
3/14/2018						
3/15/2018						
3/16/2018	5.46	5.64		7.49		
3/19/2018						5.4
3/21/2018					7.3	
9/6/2018						
9/7/2018			7.36			
9/10/2018						
9/11/2018						
9/12/2018						
9/14/2018				7.32		
9/17/2018		5.82				5.22
9/18/2018	5.35				7.26	
3/7/2019						
3/8/2019			7.55			
3/11/2019						
3/12/2019						
3/13/2019						
3/14/2019				7.46		
3/15/2019						
3/19/2019	6.01	5.93				
3/20/2019						5.22
3/21/2019					7.28 (D)	
9/4/2019			7.39			
9/5/2019						
9/6/2019						
9/9/2019						
9/10/2019				7.48		
9/11/2019						
9/12/2019	5.89				7.2 (D)	
9/13/2019		5.61				5.07
3/2/2020						
3/3/2020			7.73			
3/4/2020						
3/6/2020						
3/9/2020				7.68		
3/11/2020	5.4	5.57				5.31
3/12/2020					7.55	
9/3/2020						
9/4/2020						
9/8/2020						
9/9/2020			7.59			
9/10/2020						
9/11/2020						
9/14/2020						
9/15/2020	5.26					
9/16/2020		5.62		7.68		
9/17/2020					7.42	
2/24/2021						
2/25/2021			7.43			
2/26/2021						

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:13 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)	GWA-3A (bg)
3/9/2021						
3/10/2021						
3/11/2021						
3/12/2021						
3/16/2021				7.85	7.4	
3/17/2021	6.31	5.64				
3/29/2021						8.04
7/27/2021						
7/28/2021			7.29			
7/29/2021						
8/2/2021						
8/4/2021						
8/5/2021						
8/6/2021				7.09		
8/9/2021	5.16	5.34				7.85
8/10/2021					7.2	
1/25/2022						
1/26/2022			7.78			
1/27/2022						
1/28/2022						
1/31/2022						
2/1/2022		5.61				
2/2/2022	5.17			6.89		7.94
2/3/2022					7.2	
8/5/2022						
8/8/2022						
8/9/2022			7.25			
8/10/2022						
8/11/2022						
8/12/2022						
8/16/2022		5.29		7.45		7.74
8/17/2022	5.7				6.49	
2/9/2023						
2/13/2023						
2/14/2023				7.48		
2/16/2023	4.73	4.95				
2/17/2023					6.98	7.71
7/25/2023				7.19		
7/26/2023						
7/27/2023						
7/28/2023	4.24	4.66			6.815 (D)	
8/1/2023						7.66
8/4/2023						
2/15/2024						
2/19/2024				7.7		
2/20/2024						
2/22/2024	5.09	5.6				7.89
2/26/2024						
2/27/2024					7.11	
8/1/2024				7.08		
8/2/2024						
8/6/2024						

Prediction Limit

Constituent: pH (pH_units) Analysis Run 5/20/2025 6:13 PM View: Appendix III Interwell - Two-Step

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWA-39RZ (bg)	GWA-4RZ (bg)	GWA-3A (bg)
8/7/2024						
8/8/2024	4.25	4.68			7.01	7.86
2/25/2025				6.66		
2/26/2025				7.4		7.93
2/27/2025		5.64				
2/28/2025	5.04				7.25	

FIGURE I.

Appendix III Interwell Prediction Limits - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/20/2025, 6:21 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-16R**	**66.7**	**n/a**	**2/25/2025**	**74.7**	**Yes**	**512**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000491**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-17R**	**66.7**	**n/a**	**2/25/2025**	**67.4**	**Yes**	**512**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000491**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limits - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/20/2025, 6:21 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-16R	0.04	n/a	2/25/2025	0.0083J	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-17R	0.04	n/a	2/25/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.04	n/a	2/20/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-18R	0.04	n/a	2/19/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-19R	0.04	n/a	2/20/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-20R	0.04	n/a	2/20/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-21R	0.04	n/a	2/25/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-22R	0.04	n/a	2/20/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-23R	0.04	n/a	2/25/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-24R	0.04	n/a	2/24/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-25R	0.04	n/a	2/25/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-36RA	0.04	n/a	2/19/2025	0.019J	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-37	0.04	n/a	2/19/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-38	0.04	n/a	2/19/2025	0.04ND	No	511	n/a	n/a	67.32	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Calcium (mg/L)	**GWC-16R**	**66.7**	**n/a**	**2/25/2025**	**74.7**	**Yes**	**512**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000491**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-17R**	**66.7**	**n/a**	**2/25/2025**	**67.4**	**Yes**	**512**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000491**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	GWC-18	66.7	n/a	2/20/2025	23.5	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-18R	66.7	n/a	2/19/2025	29.9	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19R	66.7	n/a	2/20/2025	32	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20R	66.7	n/a	2/20/2025	39.7	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-21R	66.7	n/a	2/25/2025	53.8	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-22R	66.7	n/a	2/20/2025	33.4	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-23R	66.7	n/a	2/25/2025	64.6	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-24R	66.7	n/a	2/24/2025	30.7	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-25R	66.7	n/a	2/25/2025	31.8	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-36RA	66.7	n/a	2/19/2025	51.1	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-37	66.7	n/a	2/19/2025	0.7J	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-38	66.7	n/a	2/19/2025	2.2	No	512	n/a	n/a	0	n/a	n/a	0.0000491	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-16R	0.4	n/a	2/25/2025	0.11	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-17R	0.4	n/a	2/25/2025	0.06J	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.4	n/a	2/20/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-18R	0.4	n/a	2/19/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-19R	0.4	n/a	2/20/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-20R	0.4	n/a	2/20/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-21R	0.4	n/a	2/25/2025	0.057J	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-22R	0.4	n/a	2/20/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-23R	0.4	n/a	2/25/2025	0.064J	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-24R	0.4	n/a	2/24/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-25R	0.4	n/a	2/25/2025	0.056J	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-36RA	0.4	n/a	2/19/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-37	0.4	n/a	2/19/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-38	0.4	n/a	2/19/2025	0.1ND	No	510	n/a	n/a	54.31	n/a	n/a	0.0000491	NP Inter (NDs) 1 of 2

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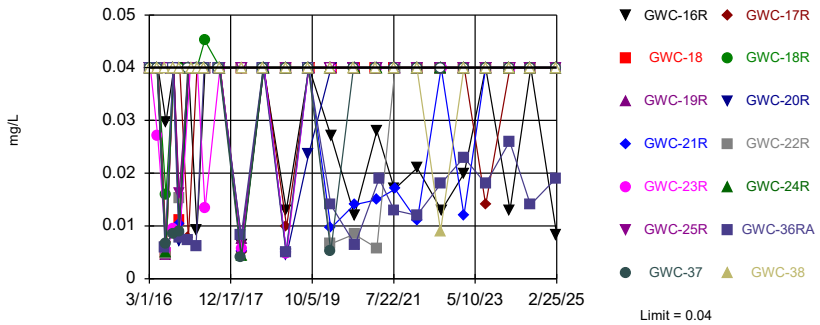
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 511 background values. 67.32% NDs. Annual per-constituent alpha = 0.001472. Individual comparison alpha = 0.0000491 (1 of 2). Comparing 14 points to limit. Assumes 1 future value.

Constituent: Boron Analysis Run 5/20/2025 6:19 PM View: Appendix III Interwell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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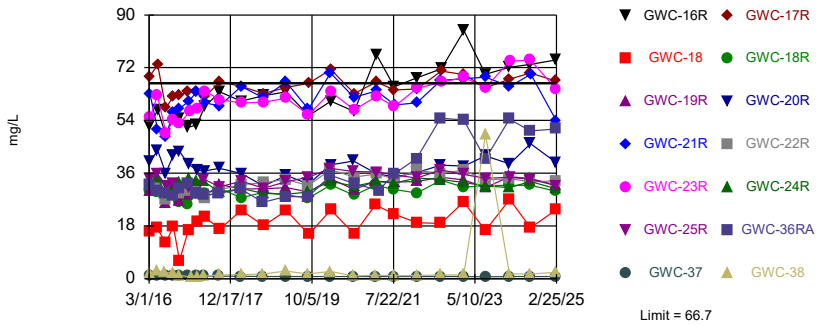
Exceeds Limit: GWC-16R, GWC-17R

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 512 background values. Annual per-constituent alpha = 0.001472. Individual comparison alpha = 0.0000491 (1 of 2). Comparing 14 points to limit. Assumes 1 future value.

Constituent: Calcium Analysis Run 5/20/2025 6:19 PM View: Appendix III Interwell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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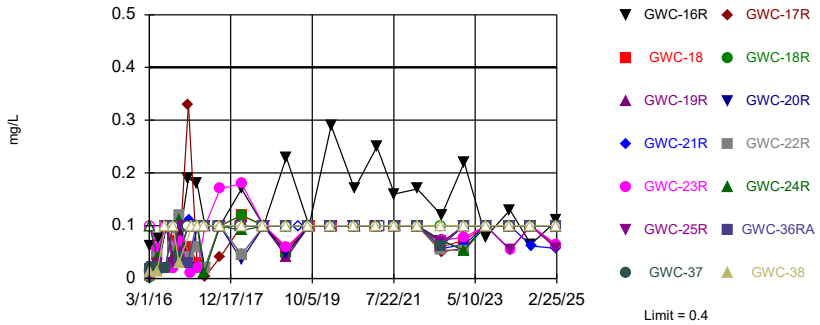
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 510 background values. 54.31% NDs. Annual per-constituent alpha = 0.001472. Individual comparison alpha = 0.0000491 (1 of 2). Comparing 14 points to limit. Assumes 1 future value.

Constituent: Fluoride Analysis Run 5/20/2025 6:20 PM View: Appendix III Interwell
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWC-36RA	GWC-37	GWC-38	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-56 (bg)
2/29/2016	<0.04								
3/1/2016		<0.04	<0.04						
3/2/2016				<0.04	<0.04	<0.04	<0.04	<0.04	
3/3/2016									<0.04
3/4/2016									
3/7/2016									
3/8/2016									
3/9/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/22/2016									
3/23/2016									
3/28/2016									
5/2/2016		<0.04							
5/3/2016			<0.04	<0.04	<0.04	<0.04		<0.04	
5/4/2016	<0.04						<0.04		
5/5/2016									
5/6/2016									
5/9/2016									<0.04
5/10/2016									
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/25/2016									
7/6/2016		0.0059 (J)							
7/7/2016				<0.04					
7/8/2016	0.009 (J)		0.0067 (J)		<0.04		0.0046 (J)		
7/11/2016						<0.04		0.0054 (J)	0.0128 (J)
7/12/2016									
7/13/2016									
7/14/2016									
7/15/2016									
7/18/2016									
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/27/2016									
7/29/2016									
8/1/2016									
9/7/2016		<0.04	0.0084 (J)			<0.04			
9/8/2016	<0.04			<0.04	<0.04		0.0081 (J)		
9/9/2016								<0.04	0.0158 (J)
9/12/2016									
9/13/2016									
9/14/2016									
9/15/2016									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWC-36RA	GWC-37	GWC-38	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-56 (bg)
9/16/2016									
9/19/2016									
9/21/2016									
9/22/2016									
9/23/2016									
9/26/2016									
10/25/2016		0.0077 (J)	0.0089 (J)	<0.04					
10/26/2016	0.0077 (J)				0.0095 (J)		0.0088 (J)	0.0144 (J)	0.0257 (J)
10/27/2016						0.0148 (J)			
10/31/2016									
11/1/2016									
11/2/2016									
11/3/2016									
11/9/2016									
11/10/2016									
11/11/2016									
1/5/2017		0.0074 (J)							
1/6/2017	0.0084 (J)		<0.04			<0.04			
1/9/2017					<0.04		<0.04	<0.04	0.0219 (J)
1/11/2017									
1/12/2017									
1/13/2017									
1/17/2017									
1/18/2017									
1/25/2017									
1/30/2017									
1/31/2017									
2/9/2017				<0.04					
2/21/2017									
2/22/2017									
3/14/2017		0.0062 (J)	<0.04						
3/15/2017	<0.04						<0.04		0.0253 (J)
3/16/2017					<0.04	<0.04		<0.04	
3/20/2017									
3/21/2017									
3/22/2017									
3/23/2017				<0.04					
3/24/2017									
3/27/2017									
3/28/2017									
3/30/2017									
4/3/2017									
4/7/2017									
5/16/2017		<0.04	<0.04						
5/17/2017	<0.04			<0.04					
5/18/2017							<0.04	<0.04	0.0249 (J)
5/19/2017					<0.04	<0.04			
5/22/2017									
5/23/2017									
5/24/2017									
6/6/2017									
6/7/2017									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWC-36RA	GWC-37	GWC-38	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-56 (bg)
6/8/2017									
6/9/2017									
6/12/2017									
6/14/2017									
7/12/2017									
7/17/2017									
7/19/2017									
7/20/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/24/2017									
9/15/2017	<0.04	<0.04	<0.04				<0.04	<0.04	<0.04
9/18/2017									
9/19/2017				<0.04	<0.04	<0.04			
9/20/2017									
9/21/2017									
9/22/2017									
9/25/2017									
9/26/2017									
9/29/2017									
10/2/2017									
10/3/2017									
10/4/2017									
3/12/2018		0.0082 (J)	0.004 (J)					0.0055 (J)	
3/13/2018	0.0084 (J)			<0.04	<0.04	<0.04	0.0053 (J)		0.024 (J)
3/14/2018									
3/15/2018									
3/16/2018									
3/19/2018									
3/21/2018									
9/6/2018	<0.04	<0.04	<0.04	<0.04			<0.04		
9/7/2018								<0.04	0.024 (J)
9/10/2018									
9/11/2018					<0.04	<0.04			
9/12/2018									
9/14/2018									
9/17/2018									
9/18/2018									
3/6/2019			<0.04						
3/7/2019	<0.04	0.0049 (J)		<0.04			<0.04		0.02 (J)
3/8/2019					<0.04			0.0056 (J)	
3/11/2019									
3/12/2019						<0.04			
3/13/2019									
3/14/2019									
3/15/2019									
3/19/2019									
3/20/2019									
3/21/2019									
9/4/2019	<0.04	<0.04	<0.04	<0.04					0.015 (J)
9/5/2019					<0.04	<0.04	<0.04	<0.04	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWC-36RA	GWC-37	GWC-38	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-56 (bg)
9/6/2019									
9/9/2019									
9/10/2019									
9/11/2019									
9/12/2019									
9/13/2019									
3/2/2020	0.007 (J)	0.014 (J)	0.0052 (J)	<0.04					
3/3/2020							0.0084 (J)	0.01 (J)	
3/4/2020					0.0064 (J)	<0.04			0.022 (J)
3/5/2020									
3/6/2020									
3/9/2020									
3/11/2020									
3/12/2020									
9/3/2020	<0.04		<0.04	<0.04					
9/4/2020								0.0053 (J)	0.015 (J)
9/8/2020					0.0072 (J)	<0.04	<0.04		
9/9/2020									
9/10/2020									
9/11/2020									
9/14/2020		0.0065 (J)							
9/15/2020									
9/16/2020									
9/17/2020									
2/24/2021	0.0099 (J)		<0.04	<0.04					
2/25/2021							<0.04	0.0075 (J)	0.017 (J)
2/26/2021					<0.04	<0.04			
3/9/2021									
3/10/2021									
3/11/2021									
3/12/2021									
3/16/2021									
3/17/2021									
3/26/2021		0.019 (J)							
3/29/2021									
7/27/2021	0.021 (J)	0.013 (J)					<0.04		
7/28/2021			<0.04	<0.04				<0.04	0.016 (J)
7/29/2021					<0.04	<0.04			
7/30/2021									
8/2/2021									
8/4/2021									
8/5/2021									
8/6/2021									
8/9/2021									
8/10/2021									
1/25/2022	<0.04			<0.04			<0.04		
1/26/2022		0.012 (J)	<0.04		<0.04	<0.04		<0.04	0.014 (J)
1/27/2022									
1/28/2022									
1/31/2022									
2/1/2022									
2/2/2022									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWC-36RA	GWC-37	GWC-38	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-56 (bg)
2/3/2022									
8/5/2022	<0.04			0.009 (J)			<0.04		0.015 (J)
8/8/2022		0.018 (J)	<0.04		<0.04	<0.04		<0.04	
8/9/2022									
8/10/2022									
8/11/2022									
8/12/2022									
8/16/2022									
8/17/2022									
2/8/2023		0.023 (J)	<0.04	<0.04					
2/9/2023									
2/10/2023									
2/13/2023									
2/14/2023									
2/16/2023									
2/17/2023									
7/25/2023									
7/26/2023									
7/27/2023									
7/28/2023									
8/1/2023									
8/2/2023			<0.04	<0.04					
8/3/2023		0.018 (J)							
8/4/2023									
2/13/2024		0.026 (J)	<0.04	<0.04					
2/14/2024									
2/15/2024									
2/16/2024									
2/19/2024									
2/20/2024									
2/22/2024									
2/26/2024									
2/27/2024									
7/30/2024		0.014 (J)	<0.04	<0.04					
7/31/2024									
8/1/2024									
8/2/2024									
8/6/2024									
8/7/2024									
8/8/2024									
2/19/2025		0.019 (J)	<0.04	<0.04					
2/20/2025									
2/24/2025									
2/25/2025									
2/26/2025									
2/27/2025									
2/28/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55R (bg)	GWC-16R	GWC-24R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-22R	GWC-25R
2/29/2016									
3/1/2016									
3/2/2016									
3/3/2016	<0.04	<0.04							
3/4/2016			<0.04	<0.04					
3/7/2016					<0.04	<0.04	<0.04	<0.04	
3/8/2016									<0.04
3/9/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/22/2016									
3/23/2016									
3/28/2016									
5/2/2016									
5/3/2016	<0.04								
5/4/2016									<0.04
5/5/2016			<0.04		<0.04	<0.04		<0.04	
5/6/2016									
5/9/2016							<0.04		
5/10/2016		<0.04		<0.04					
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/25/2016									
7/6/2016									
7/7/2016									
7/8/2016									
7/11/2016	0.0047 (J)								
7/12/2016			0.005 (J)						
7/13/2016		0.0297 (J)			0.0047 (J)	0.0159 (J)			
7/14/2016				0.0069 (J)			0.0045 (J)	0.0047 (J)	
7/15/2016									
7/18/2016									<0.04
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/27/2016									
7/29/2016									
8/1/2016									
9/7/2016									
9/8/2016									
9/9/2016	<0.04								
9/12/2016						<0.04	<0.04	<0.04	
9/13/2016			<0.04		<0.04				<0.04
9/14/2016				<0.04					
9/15/2016		<0.04							

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55R (bg)	GWC-16R	GWC-24R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-22R	GWC-25R
9/16/2016									
9/19/2016									
9/21/2016									
9/22/2016									
9/23/2016									
9/26/2016									
10/25/2016									
10/26/2016									
10/27/2016	0.0108 (J)		0.0093 (J)					0.0153 (J)	0.0162 (J)
10/31/2016					0.0111 (J)		0.0086 (J)		
11/1/2016				<0.04		<0.04			
11/2/2016		<0.04							
11/3/2016									
11/9/2016									
11/10/2016									
11/11/2016									
1/5/2017									
1/6/2017									
1/9/2017	<0.04								
1/11/2017		<0.04		0.0078 (J)		<0.04	<0.04		
1/12/2017					<0.04				
1/13/2017			<0.04					<0.04	<0.04
1/17/2017									
1/18/2017									
1/25/2017									
1/30/2017									
1/31/2017									
2/9/2017									
2/21/2017									
2/22/2017									
3/14/2017									
3/15/2017									
3/16/2017	<0.04								<0.04
3/20/2017		0.0092 (J)	<0.04			<0.04		<0.04	
3/21/2017				<0.04			<0.04		
3/22/2017									
3/23/2017					<0.04				
3/24/2017									
3/27/2017									
3/28/2017									
3/30/2017									
4/3/2017									
4/7/2017									
5/16/2017									
5/17/2017									
5/18/2017	<0.04								
5/19/2017			<0.04						<0.04
5/22/2017						0.0452	<0.04		
5/23/2017		<0.04		<0.04	<0.04			<0.04	
5/24/2017									
6/6/2017									
6/7/2017									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55R (bg)	GWC-16R	GWC-24R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-22R	GWC-25R
6/8/2017									
6/9/2017									
6/12/2017									
6/14/2017									
7/12/2017									
7/17/2017									
7/19/2017									
7/20/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/24/2017									
9/15/2017									
9/18/2017	<0.04								
9/19/2017			<0.04					<0.04	<0.04
9/20/2017							<0.04		
9/21/2017		<0.04				<0.04			
9/22/2017				<0.04					
9/25/2017					<0.04				
9/26/2017									
9/29/2017									
10/2/2017									
10/3/2017									
10/4/2017									
3/12/2018	0.0041 (J)								
3/13/2018			0.0042 (J)					<0.04	<0.04
3/14/2018		0.0065 (J)		0.0051 (J)	<0.04	<0.04	0.0076 (J)		
3/15/2018									
3/16/2018									
3/19/2018									
3/21/2018									
9/6/2018									
9/7/2018	<0.04	<0.04				<0.04		<0.04	
9/10/2018							<0.04		
9/11/2018			<0.04	<0.04	<0.04				<0.04
9/12/2018									
9/14/2018									
9/17/2018									
9/18/2018									
3/6/2019									
3/7/2019	<0.04								
3/8/2019			<0.04						<0.04
3/11/2019		0.013 (J)						<0.04	
3/12/2019				0.0099 (J)	<0.04	<0.04	<0.04		
3/13/2019									
3/14/2019									
3/15/2019									
3/19/2019									
3/20/2019									
3/21/2019									
9/4/2019									
9/5/2019	<0.04		<0.04					<0.04	<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55R (bg)	GWC-16R	GWC-24R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-22R	GWC-25R
9/6/2019						<0.04			
9/9/2019		<0.04			<0.04		<0.04		
9/10/2019				<0.04					
9/11/2019									
9/12/2019									
9/13/2019									
3/2/2020									
3/3/2020			<0.04					0.0066 (J)	<0.04
3/4/2020	0.0063 (J)	0.027 (J)					<0.04		
3/5/2020				<0.04		<0.04			
3/6/2020					<0.04				
3/9/2020									
3/11/2020									
3/12/2020									
9/3/2020									
9/4/2020	<0.04								<0.04
9/8/2020								0.0084 (J)	
9/9/2020		0.012 (J)	<0.04	<0.04	<0.04	<0.04	<0.04		
9/10/2020									
9/11/2020									
9/14/2020									
9/15/2020									
9/16/2020									
9/17/2020									
2/24/2021									
2/25/2021	0.0055 (J)								
2/26/2021					<0.04	<0.04	<0.04		
3/9/2021		0.028 (J)	<0.04					0.0058 (J)	<0.04
3/10/2021				<0.04					
3/11/2021									
3/12/2021									
3/16/2021									
3/17/2021									
3/26/2021									
3/29/2021									
7/27/2021									
7/28/2021	<0.04								
7/29/2021			<0.04		<0.04	<0.04			
7/30/2021		0.017 (J)		<0.04					
8/2/2021								<0.04	<0.04
8/4/2021									
8/5/2021							<0.04		
8/6/2021									
8/9/2021									
8/10/2021									
1/25/2022									
1/26/2022									
1/27/2022	<0.04					<0.04	<0.04	<0.04	<0.04
1/28/2022		0.021 (J)	<0.04	<0.04	<0.04				
1/31/2022									
2/1/2022									
2/2/2022									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55R (bg)	GWC-16R	GWC-24R	GWC-17R	GWC-18	GWC-18R	GWC-19R	GWC-22R	GWC-25R
2/3/2022									
8/5/2022									
8/8/2022	<0.04								
8/9/2022			<0.04				<0.04		<0.04
8/10/2022					<0.04	<0.04		<0.04	
8/11/2022		0.013 (J)		<0.04					
8/12/2022									
8/16/2022									
8/17/2022									
2/8/2023									
2/9/2023			<0.04		<0.04	<0.04	<0.04	<0.04	<0.04
2/10/2023		0.02 (J)		<0.04					
2/13/2023									
2/14/2023									
2/16/2023									
2/17/2023									
7/25/2023									
7/26/2023									
7/27/2023									
7/28/2023									
8/1/2023									
8/2/2023									
8/3/2023			<0.04	0.014 (J)	<0.04			<0.04	<0.04
8/4/2023		<0.04				<0.04	<0.04		
2/13/2024									
2/14/2024					<0.04	<0.04	<0.04		
2/15/2024		0.013 (J)	<0.04	<0.04				<0.04	
2/16/2024									<0.04
2/19/2024									
2/20/2024									
2/22/2024									
2/26/2024									
2/27/2024									
7/30/2024									
7/31/2024		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
8/1/2024									
8/2/2024									
8/6/2024									
8/7/2024									
8/8/2024									
2/19/2025						<0.04			
2/20/2025					<0.04		<0.04	<0.04	
2/24/2025			<0.04						
2/25/2025		0.0083 (J)		<0.04					<0.04
2/26/2025									
2/27/2025									
2/28/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-21R	GWC-23R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)
2/29/2016									
3/1/2016									
3/2/2016									
3/3/2016									
3/4/2016									
3/7/2016									
3/8/2016	<0.04	<0.04							
3/9/2016			<0.04						
3/11/2016				<0.04	<0.04	<0.04			
3/14/2016							<0.04		
3/15/2016								<0.04	<0.04
3/22/2016									
3/23/2016									
3/28/2016									
5/2/2016									
5/3/2016									
5/4/2016									
5/5/2016									
5/6/2016			0.0271 (J)						
5/9/2016	<0.04	<0.04							
5/10/2016									
5/11/2016							<0.04	<0.04	
5/12/2016									<0.04
5/13/2016				<0.04		<0.04			
5/16/2016					<0.04				
5/19/2016									
5/20/2016									
5/23/2016									
5/25/2016									
7/6/2016									
7/7/2016									
7/8/2016									
7/11/2016									
7/12/2016									
7/13/2016									
7/14/2016	<0.04								
7/15/2016		<0.04	0.0055 (J)						
7/18/2016									
7/19/2016				<0.04 (*)		<0.04 (*)	<0.04 (*)		
7/20/2016									<0.04
7/21/2016								<0.04	
7/22/2016					0.0076 (J)				
7/27/2016									
7/29/2016									
8/1/2016									
9/7/2016									
9/8/2016									
9/9/2016		<0.04							
9/12/2016	<0.04								
9/13/2016									
9/14/2016			0.0094 (J)						
9/15/2016							0.0067 (J)	<0.04	<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-21R	GWC-23R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)
9/16/2016				0.0246 (J)		<0.04			
9/19/2016					<0.04				
9/21/2016									
9/22/2016									
9/23/2016									
9/26/2016									
10/25/2016									
10/26/2016									
10/27/2016		0.0103 (J)							
10/31/2016	0.007 (J)								
11/1/2016			0.008 (J)						
11/2/2016				0.0279 (J)		<0.04	<0.04		
11/3/2016					<0.04			<0.04 (*)	<0.04
11/9/2016									
11/10/2016									
11/11/2016									
1/5/2017									
1/6/2017									
1/9/2017									
1/11/2017									
1/12/2017	<0.04	<0.04							
1/13/2017									
1/17/2017					<0.04			<0.04	
1/18/2017				0.0336 (J)		<0.04	<0.04		<0.04
1/25/2017			<0.04						
1/30/2017									
1/31/2017									
2/9/2017									
2/21/2017									
2/22/2017									
3/14/2017									
3/15/2017									
3/16/2017									
3/20/2017									
3/21/2017		<0.04							
3/22/2017	<0.04		<0.04						
3/23/2017									
3/24/2017								<0.04	0.0154 (J)
3/27/2017					0.0101 (J)				
3/28/2017				0.0313 (J)		<0.04	<0.04		
3/30/2017									
4/3/2017									
4/7/2017									
5/16/2017									
5/17/2017									
5/18/2017									
5/19/2017									
5/22/2017	<0.04								
5/23/2017		<0.04							
5/24/2017			0.0133 (J)					<0.04	
6/6/2017				<0.04 (*)		<0.04 (*)			<0.04
6/7/2017					<0.04 (*)		<0.04 (*)		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-21R	GWC-23R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)
6/8/2017									
6/9/2017									
6/12/2017									
6/14/2017									
7/12/2017									
7/17/2017									
7/19/2017									
7/20/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/24/2017									
9/15/2017									
9/18/2017									
9/19/2017	<0.04	<0.04							
9/20/2017									
9/21/2017			<0.04						
9/22/2017				0.0294 (J)		<0.04			
9/25/2017									<0.04
9/26/2017					<0.04		<0.04	0.0075 (J)	
9/29/2017									
10/2/2017									
10/3/2017									
10/4/2017									
3/12/2018									
3/13/2018									
3/14/2018	<0.04	0.0053 (J)	0.0056 (J)		<0.04	<0.04	<0.04	0.0093 (J)	0.011 (J)
3/15/2018				0.018 (J)					
3/16/2018									
3/19/2018									
3/21/2018									
9/6/2018									
9/7/2018									
9/10/2018	<0.04	<0.04							
9/11/2018			<0.04						
9/12/2018				0.018 (J)		<0.04	<0.04	<0.04	<0.04
9/14/2018					<0.04				
9/17/2018									
9/18/2018									
3/6/2019									
3/7/2019									
3/8/2019									
3/11/2019		0.005 (J)							
3/12/2019	0.0045 (J)		0.0047 (J)						
3/13/2019				0.012 (X)		<0.04		<0.04	
3/14/2019					<0.04				0.007 (X)
3/15/2019							0.005 (X)		
3/19/2019									
3/20/2019									
3/21/2019									
9/4/2019									
9/5/2019									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-21R	GWC-23R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)
9/6/2019	0.02365 (JD)	<0.04	<0.04						
9/9/2019							<0.04	<0.04	
9/10/2019					<0.04				<0.04
9/11/2019				0.021 (X)		0.0059 (X)			
9/12/2019									
9/13/2019									
3/2/2020									
3/3/2020		0.0096 (J)							
3/4/2020									
3/5/2020	<0.04		<0.04						
3/6/2020					0.0068 (J)				0.013 (J)
3/9/2020				0.017 (J)		<0.04	<0.04	0.0074 (J)	
3/11/2020									
3/12/2020									
9/3/2020									
9/4/2020	<0.04								
9/8/2020		0.014 (J)							
9/9/2020			<0.04						
9/10/2020					<0.04		<0.04		<0.04
9/11/2020						<0.04		<0.04	
9/14/2020				0.018 (J)					
9/15/2020									
9/16/2020									
9/17/2020									
2/24/2021									
2/25/2021									
2/26/2021									
3/9/2021	<0.04	0.015 (J)							
3/10/2021			<0.04					<0.04	
3/11/2021				0.017 (J)	<0.04	<0.04			0.0075 (J)
3/12/2021							0.011 (J)		
3/16/2021									
3/17/2021									
3/26/2021									
3/29/2021									
7/27/2021									
7/28/2021									
7/29/2021									
7/30/2021			<0.04						
8/2/2021	<0.04	0.017 (J)							
8/4/2021					<0.04		<0.04	<0.04	<0.04
8/5/2021				0.0098 (J)					
8/6/2021						<0.04			
8/9/2021									
8/10/2021									
1/25/2022									
1/26/2022									
1/27/2022	<0.04								
1/28/2022		0.011 (J)	<0.04						
1/31/2022				0.011 (J)	<0.04	<0.04	<0.04	<0.04	<0.04
2/1/2022									
2/2/2022									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-21R	GWC-23R	GWA-43R (bg)	GWA-42 (bg)	GWA-43 (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)
2/3/2022									
8/5/2022									
8/8/2022									
8/9/2022	<0.04								
8/10/2022		<0.04		0.01 (J)	<0.04		<0.04		
8/11/2022			<0.04			<0.04			<0.04
8/12/2022								<0.04	
8/16/2022									
8/17/2022									
2/8/2023									
2/9/2023		0.012 (J)							
2/10/2023	<0.04		<0.04						
2/13/2023				<0.04	<0.04		<0.04	<0.04	<0.04
2/14/2023						<0.04			
2/16/2023									
2/17/2023									
7/25/2023				0.012 (J)		<0.04			0.012 (J)
7/26/2023					<0.04		0.012 (J)	0.0091 (J)	
7/27/2023									
7/28/2023									
8/1/2023									
8/2/2023									
8/3/2023	<0.04		<0.04						
8/4/2023		<0.04							
2/13/2024									
2/14/2024									
2/15/2024	<0.04	<0.04							
2/16/2024			<0.04						
2/19/2024							<0.04	<0.04	<0.04
2/20/2024				<0.04	0.031 (J)	0.02 (J)			
2/22/2024									
2/26/2024									
2/27/2024									
7/30/2024									
7/31/2024			<0.04						
8/1/2024	<0.04				<0.04		<0.04	<0.04	<0.04
8/2/2024		<0.04		0.015 (J)		<0.04			
8/6/2024									
8/7/2024									
8/8/2024									
2/19/2025									
2/20/2025	<0.04								
2/24/2025									
2/25/2025		<0.04	<0.04	0.011 (J)	<0.04	<0.04	<0.04	<0.04	0.0094 (J)
2/26/2025									
2/27/2025									
2/28/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R (bg)	GWA-1 (bg)	GWA-3A (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWA-39RZ (bg)
2/29/2016									
3/1/2016									
3/2/2016									
3/3/2016									
3/4/2016									
3/7/2016									
3/8/2016									
3/9/2016									
3/11/2016									
3/14/2016									
3/15/2016	<0.04								
3/22/2016		<0.04							
3/23/2016			<0.04	<0.04	<0.04				
3/28/2016						<0.04	<0.04		
5/2/2016									
5/3/2016									
5/4/2016								<0.04	
5/5/2016									
5/6/2016									
5/9/2016									
5/10/2016									
5/11/2016									
5/12/2016									
5/13/2016	<0.04								
5/16/2016									<0.04 (D)
5/19/2016		<0.04			<0.04				
5/20/2016				<0.04					
5/23/2016			<0.04				<0.04		
5/25/2016						<0.04			
7/6/2016									
7/7/2016								0.0096 (J)	
7/8/2016									
7/11/2016									
7/12/2016									
7/13/2016									
7/14/2016									
7/15/2016									
7/18/2016									
7/19/2016									
7/20/2016									
7/21/2016	<0.04 (*)								
7/22/2016									
7/27/2016									<0.04 (*)
7/29/2016		<0.04	<0.04	<0.04	<0.04				
8/1/2016						<0.04	<0.04		
9/7/2016									
9/8/2016								0.0137 (J)	
9/9/2016									
9/12/2016									
9/13/2016									
9/14/2016									
9/15/2016									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R (bg)	GWA-1 (bg)	GWA-3A (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWA-39RZ (bg)
9/16/2016									
9/19/2016									
9/21/2016	<0.04 (*)								
9/22/2016			<0.04		<0.04				
9/23/2016		<0.04		<0.04					
9/26/2016						<0.04	<0.04		
10/25/2016									
10/26/2016								0.0247 (J)	
10/27/2016									
10/31/2016									
11/1/2016									
11/2/2016									
11/3/2016	<0.04								
11/9/2016		<0.04		<0.04					
11/10/2016			<0.04		<0.04		<0.04		
11/11/2016						0.0193 (J)			
1/5/2017									
1/6/2017								0.0082 (J)	
1/9/2017									
1/11/2017									
1/12/2017									
1/13/2017									
1/17/2017	<0.04								
1/18/2017									
1/25/2017									
1/30/2017		<0.04				<0.04	<0.04		
1/31/2017			<0.04	<0.04	<0.04				
2/9/2017									
2/21/2017									0.0218 (JD)
2/22/2017									
3/14/2017									
3/15/2017								<0.04	
3/16/2017									
3/20/2017									
3/21/2017									
3/22/2017									
3/23/2017									
3/24/2017									
3/27/2017	0.0173 (J)								0.0262 (JD)
3/28/2017									
3/30/2017		0.0065 (J)	<0.04	<0.04					
4/3/2017					<0.04	<0.04			
4/7/2017							0.008 (J)		
5/16/2017									
5/17/2017									
5/18/2017								0.0076 (J)	
5/19/2017									
5/22/2017									
5/23/2017									
5/24/2017									
6/6/2017	<0.04 (*)								
6/7/2017									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R (bg)	GWA-1 (bg)	GWA-3A (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWA-39RZ (bg)
6/8/2017									0.0067 (JD)
6/9/2017		<0.04			<0.04				
6/12/2017			<0.04	<0.04		<0.04	<0.04		
6/14/2017									
7/12/2017									
7/17/2017									0.0165 (JD)
7/19/2017								0.0193 (J)	
7/20/2017									
7/27/2017									0.0138 (JD)
7/28/2017									
8/9/2017									0.0069 (JD)
8/24/2017									
9/15/2017									
9/18/2017									
9/19/2017								0.0132 (J)	
9/20/2017									
9/21/2017									
9/22/2017									
9/25/2017	0.0141 (J)								
9/26/2017									
9/29/2017									0.0066 (JD)
10/2/2017		<0.04		<0.04	<0.04	<0.04	<0.04		
10/3/2017									
10/4/2017			<0.04						
3/12/2018									
3/13/2018								0.013 (J)	
3/14/2018	0.014 (J)								
3/15/2018									
3/16/2018		<0.04			0.0077 (J)	<0.04	<0.04		0.0067 (J)
3/19/2018			0.0057 (J)	0.013 (J)					
3/21/2018									
9/6/2018									
9/7/2018								<0.04	
9/10/2018									
9/11/2018									
9/12/2018	0.013 (J)								
9/14/2018				<0.04	<0.04				0.0059 (J)
9/17/2018		0.00625 (JD)	<0.04				<0.04		
9/18/2018						<0.04			
3/6/2019									
3/7/2019									
3/8/2019								0.0085 (J)	
3/11/2019									
3/12/2019									
3/13/2019									
3/14/2019	0.015 (X)								0.0059 (X)
3/15/2019									
3/19/2019					0.014 (J)	<0.04	<0.04		
3/20/2019		0.0042 (J)	<0.04	<0.04					
3/21/2019									
9/4/2019								0.01 (J)	
9/5/2019									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R (bg)	GWA-1 (bg)	GWA-3A (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWA-39RZ (bg)
9/6/2019									
9/9/2019									
9/10/2019	0.015 (X)								0.0081 (X)
9/11/2019									
9/12/2019		<0.04		<0.04 (D)		<0.04			
9/13/2019			<0.04		0.012 (J)		<0.04		
3/2/2020									
3/3/2020								0.0096 (J)	
3/4/2020									
3/5/2020									
3/6/2020									
3/9/2020	0.021 (J)								0.0065 (J)
3/11/2020		<0.04	0.0071 (J)	0.0068 (J)	0.017 (J)	0.007 (J)	0.0063 (J)		
3/12/2020									
9/3/2020									
9/4/2020									
9/8/2020									
9/9/2020								0.0054 (J)	
9/10/2020	0.016 (J)								
9/11/2020									
9/14/2020									
9/15/2020		0.01 (J)		0.0053 (J)	0.0074 (J)	<0.04			
9/16/2020							<0.04		0.015 (J)
9/17/2020									
2/24/2021									
2/25/2021								0.0052 (J)	
2/26/2021									
3/9/2021									
3/10/2021	0.0098 (J)								
3/11/2021									
3/12/2021									
3/16/2021		<0.04			0.0061 (J)				<0.04
3/17/2021				<0.04		<0.04	<0.04		
3/26/2021									
3/29/2021			<0.04						
7/27/2021									
7/28/2021								<0.04	
7/29/2021									
7/30/2021									
8/2/2021									
8/4/2021	0.01 (J)								
8/5/2021									
8/6/2021									<0.04
8/9/2021		<0.04	<0.04	<0.04	0.012 (J)	<0.04	<0.04		
8/10/2021									
1/25/2022									
1/26/2022								0.0088 (J)	
1/27/2022									
1/28/2022									
1/31/2022	0.016 (J)								
2/1/2022		<0.04		<0.04	<0.04		<0.04		
2/2/2022			<0.04			<0.04			<0.04

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R (bg)	GWA-1 (bg)	GWA-3A (bg)	GWA-2 (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWA-39RZ (bg)
2/3/2022									
8/5/2022									
8/8/2022									
8/9/2022								<0.04	
8/10/2022									
8/11/2022	<0.04								
8/12/2022									
8/16/2022		<0.04	<0.04	<0.04	<0.04		<0.04		<0.04
8/17/2022						<0.04			
2/8/2023									
2/9/2023									
2/10/2023									
2/13/2023	0.017 (J)								
2/14/2023									<0.04
2/16/2023		<0.04		<0.04	0.017 (J)	<0.04	<0.04		
2/17/2023			<0.04						
7/25/2023	0.011 (J)								<0.04
7/26/2023									
7/27/2023		0.015 (J)		<0.04	0.015 (J)				
7/28/2023						<0.04	<0.04		
8/1/2023			<0.04						
8/2/2023									
8/3/2023									
8/4/2023									
2/13/2024									
2/14/2024									
2/15/2024									
2/16/2024									
2/19/2024	0.012 (J)								<0.04
2/20/2024									
2/22/2024		<0.04	<0.04	<0.04		<0.04	<0.04		
2/26/2024					0.018 (J)				
2/27/2024									
7/30/2024									
7/31/2024									
8/1/2024	<0.04								<0.04
8/2/2024									
8/6/2024					<0.04				
8/7/2024		<0.04		<0.04					
8/8/2024			<0.04			<0.04	<0.04		
2/19/2025									
2/20/2025									
2/24/2025									
2/25/2025	0.017 (J)								
2/26/2025			<0.04						<0.04
2/27/2025		<0.04		<0.04	0.021 (J)		<0.04		
2/28/2025						<0.04			

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ (bg)
2/29/2016	
3/1/2016	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	
3/9/2016	
3/11/2016	
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
3/28/2016	
5/2/2016	
5/3/2016	
5/4/2016	
5/5/2016	
5/6/2016	
5/9/2016	
5/10/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	
5/19/2016	
5/20/2016	
5/23/2016	
5/25/2016	
7/6/2016	
7/7/2016	
7/8/2016	
7/11/2016	
7/12/2016	
7/13/2016	
7/14/2016	
7/15/2016	
7/18/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	
7/27/2016	
7/29/2016	
8/1/2016	
9/7/2016	
9/8/2016	
9/9/2016	
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ (bg)
9/16/2016	
9/19/2016	
9/21/2016	
9/22/2016	
9/23/2016	
9/26/2016	
10/25/2016	
10/26/2016	
10/27/2016	
10/31/2016	
11/1/2016	
11/2/2016	
11/3/2016	
11/9/2016	
11/10/2016	
11/11/2016	
1/5/2017	
1/6/2017	
1/9/2017	
1/11/2017	
1/12/2017	
1/13/2017	
1/17/2017	
1/18/2017	
1/25/2017	
1/30/2017	
1/31/2017	
2/9/2017	
2/21/2017	
2/22/2017	0.022 (JD)
3/14/2017	
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	
3/22/2017	
3/23/2017	
3/24/2017	
3/27/2017	
3/28/2017	
3/30/2017	
4/3/2017	
4/7/2017	0.0082 (JD)
5/16/2017	
5/17/2017	
5/18/2017	
5/19/2017	
5/22/2017	
5/23/2017	
5/24/2017	
6/6/2017	
6/7/2017	

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ (bg)
6/8/2017	
6/9/2017	
6/12/2017	
6/14/2017	0.008 (JD)
7/12/2017	0.0082 (JD)
7/17/2017	
7/19/2017	
7/20/2017	0.0091 (JD)
7/27/2017	
7/28/2017	<0.04 (D)
8/9/2017	0.0071 (JD)
8/24/2017	0.0062 (JD)
9/15/2017	
9/18/2017	
9/19/2017	
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
9/26/2017	
9/29/2017	
10/2/2017	
10/3/2017	0.006 (JD)
10/4/2017	
3/12/2018	
3/13/2018	
3/14/2018	
3/15/2018	
3/16/2018	
3/19/2018	
3/21/2018	0.0062 (J)
9/6/2018	
9/7/2018	
9/10/2018	
9/11/2018	
9/12/2018	
9/14/2018	
9/17/2018	
9/18/2018	0.0096 (J)
3/6/2019	
3/7/2019	
3/8/2019	
3/11/2019	
3/12/2019	
3/13/2019	
3/14/2019	
3/15/2019	
3/19/2019	
3/20/2019	
3/21/2019	0.0066 (JD)
9/4/2019	
9/5/2019	

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ (bg)
9/6/2019	
9/9/2019	
9/10/2019	
9/11/2019	
9/12/2019	0.012 (JD)
9/13/2019	
3/2/2020	
3/3/2020	
3/4/2020	
3/5/2020	
3/6/2020	
3/9/2020	
3/11/2020	
3/12/2020	0.014 (J)
9/3/2020	
9/4/2020	
9/8/2020	
9/9/2020	
9/10/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	0.015 (J)
2/24/2021	
2/25/2021	
2/26/2021	
3/9/2021	
3/10/2021	
3/11/2021	
3/12/2021	
3/16/2021	0.0092 (J)
3/17/2021	
3/26/2021	
3/29/2021	
7/27/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	
8/4/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	0.01 (J)
1/25/2022	
1/26/2022	
1/27/2022	
1/28/2022	
1/31/2022	
2/1/2022	
2/2/2022	

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ (bg)
2/3/2022	<0.04
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/12/2022	
8/16/2022	
8/17/2022	<0.04
2/8/2023	
2/9/2023	
2/10/2023	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	<0.04
7/25/2023	
7/26/2023	
7/27/2023	
7/28/2023	<0.04
8/1/2023	
8/2/2023	
8/3/2023	
8/4/2023	
2/13/2024	
2/14/2024	
2/15/2024	
2/16/2024	
2/19/2024	
2/20/2024	
2/22/2024	
2/26/2024	
2/27/2024	<0.04
7/30/2024	
7/31/2024	
8/1/2024	
8/2/2024	
8/6/2024	
8/7/2024	
8/8/2024	<0.04
2/19/2025	
2/20/2025	
2/24/2025	
2/25/2025	
2/26/2025	
2/27/2025	
2/28/2025	0.0067 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWC-36RA	GWC-37	GWA-54 (bg)	GWA-53R (bg)	GWA-55 (bg)	GWA-53 (bg)	GWC-38	GWA-55R (bg)
2/29/2016	30								
3/1/2016		32	0.98						
3/2/2016				27	29	38	29	2	
3/3/2016									36
3/4/2016									
3/7/2016									
3/8/2016									
3/9/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/22/2016									
3/23/2016									
3/28/2016									
5/2/2016		30							
5/3/2016			1.12		31	48.7	31.2	2.68	39.1
5/4/2016	30			27.6					
5/5/2016									
5/6/2016									
5/9/2016									
5/10/2016									
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/25/2016									
7/6/2016		29.2							
7/7/2016								2.21	
7/8/2016	30.1		1	25.7			30		
7/11/2016					28.2	34.8			31.6
7/12/2016									
7/13/2016									
7/14/2016									
7/15/2016									
7/18/2016									
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/27/2016									
7/29/2016									
8/1/2016									
9/7/2016		28.4	0.858		27.6				
9/8/2016	26.8			26.3			28.6	1.8	
9/9/2016						32.1			29.8
9/12/2016									
9/13/2016									
9/14/2016									
9/15/2016									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWC-36RA	GWC-37	GWA-54 (bg)	GWA-53R (bg)	GWA-55 (bg)	GWA-53 (bg)	GWC-38	GWA-55R (bg)
9/16/2016									
9/19/2016									
9/21/2016									
9/22/2016									
9/23/2016									
9/26/2016									
10/25/2016		30.8	0.859					1.15	
10/26/2016	26.9			24		32.9	25.5		
10/27/2016					26.5				28.9
10/31/2016									
11/1/2016									
11/2/2016									
11/3/2016									
11/9/2016									
11/10/2016									
11/11/2016									
1/5/2017		32.6							
1/6/2017	27.6		1		26				
1/9/2017				24.1		32.5	26.1		27.9
1/11/2017									
1/12/2017									
1/13/2017									
1/17/2017									
1/18/2017									
1/25/2017									
1/30/2017									
1/31/2017									
2/9/2017								0.495 (J)	
2/21/2017									
2/22/2017									
3/14/2017		29.1	0.844						
3/15/2017	26.2			24.1					
3/16/2017					26.6	30.8	26.7		28.2
3/20/2017									
3/21/2017									
3/22/2017									
3/23/2017								0.543	
3/24/2017									
3/27/2017									
3/28/2017									
3/30/2017									
4/3/2017									
4/7/2017									
5/16/2017		28.5	0.922						
5/17/2017	27.6							0.889	
5/18/2017				26.7		37.2			31.3
5/19/2017					30.9		29.2		
5/22/2017									
5/23/2017									
5/24/2017									
6/6/2017									
6/7/2017									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWC-36RA	GWC-37	GWA-54 (bg)	GWA-53R (bg)	GWA-55 (bg)	GWA-53 (bg)	GWC-38	GWA-55R (bg)
6/8/2017									
6/9/2017									
6/12/2017									
6/14/2017									
7/12/2017									
7/17/2017									
7/19/2017									
7/20/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/24/2017									
9/15/2017	27.7	29.1	0.85	25.1		38.5			
9/18/2017									29.7
9/19/2017					28.5		26.9	1.28	
9/20/2017									
9/21/2017									
9/22/2017									
9/25/2017									
9/26/2017									
9/29/2017									
10/2/2017									
10/3/2017									
10/4/2017									
12/28/2017									
3/12/2018		30.6	0.81			39.6			38.2
3/13/2018	26.2			24.3 (J)	29.3		28.6	1.4	
3/14/2018									
3/15/2018									
3/16/2018									
3/19/2018									
3/21/2018									
9/6/2018	27.9	26.1	0.79	25.6				1.6	
9/7/2018						45.2			40.3
9/10/2018									
9/11/2018					26.3		27.3		
9/12/2018									
9/14/2018									
9/17/2018									
9/18/2018									
3/6/2019			0.78						
3/7/2019	29.5	28		23.8 (J)				2.6	40.4
3/8/2019						45.2	25.9		
3/11/2019									
3/12/2019					28				
3/13/2019									
3/14/2019									
3/15/2019									
3/19/2019									
3/20/2019									
3/21/2019									
9/4/2019	28.1	27.9	0.76					1.65 (D)	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWC-36RA	GWC-37	GWA-54 (bg)	GWA-53R (bg)	GWA-55 (bg)	GWA-53 (bg)	GWC-38	GWA-55R (bg)
9/5/2019				24.6	29	46.2	29.3		34.6
9/6/2019									
9/9/2019									
9/10/2019									
9/11/2019									
9/12/2019									
9/13/2019									
3/2/2020	33.7	35.2	0.77 (J)					2.5	
3/3/2020				27.1		40.1			
3/4/2020					31.6		31.2		39.9
3/5/2020									
3/6/2020									
3/9/2020									
3/11/2020									
3/12/2020									
9/3/2020	28.9		0.73 (J)					1	
9/4/2020						47.2			34.4
9/8/2020				24.5	29.4		28.5		
9/9/2020									
9/10/2020									
9/11/2020									
9/14/2020		32.4							
9/15/2020									
9/16/2020									
9/17/2020									
2/24/2021	37.1		0.71 (J)					1.2	
2/25/2021				25.3		48.5			44.8
2/26/2021					31.1		29.6		
3/9/2021									
3/10/2021									
3/11/2021									
3/12/2021									
3/16/2021									
3/17/2021									
3/26/2021		30.1							
3/29/2021									
7/27/2021	36.8	35.7		24.3					
7/28/2021			0.75 (J)			48.8		1.1	44.9
7/29/2021					29.4		29.4		
7/30/2021									
8/2/2021									
8/4/2021									
8/5/2021									
8/6/2021									
8/9/2021									
8/10/2021									
1/25/2022	28.6			24.3				1.1	
1/26/2022		41	0.7 (J)		30.4	53.2	29.6		
1/27/2022									44.4
1/28/2022									
1/31/2022									
2/1/2022									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWC-36RA	GWC-37	GWA-54 (bg)	GWA-53R (bg)	GWA-55 (bg)	GWA-53 (bg)	GWC-38	GWA-55R (bg)
2/2/2022									
2/3/2022									
8/5/2022	29.2			23.8				1.3 (J)	
8/8/2022		54.8	0.74 (J)		31.8	52.3	30.4		47
8/9/2022									
8/10/2022									
8/11/2022									
8/12/2022									
8/16/2022									
8/17/2022									
2/8/2023		54.1	0.7 (J)					1.3	
2/9/2023									
2/10/2023									
2/13/2023									
2/14/2023									
2/16/2023									
2/17/2023									
7/25/2023									
7/26/2023									
7/27/2023									
7/28/2023									
8/1/2023									
8/2/2023			0.64 (J)					49.2	
8/3/2023		40.8							
8/4/2023									
2/13/2024		54.5	0.72 (J)					1.6	
2/14/2024									
2/15/2024									
2/16/2024									
2/19/2024									
2/20/2024									
2/22/2024									
2/26/2024									
2/27/2024									
7/30/2024		50.4	0.73 (J)					1.6	
7/31/2024									
8/1/2024									
8/2/2024									
8/6/2024									
8/7/2024									
8/8/2024									
2/19/2025		51.1	0.7 (J)					2.2	
2/20/2025									
2/24/2025									
2/25/2025									
2/26/2025									
2/27/2025									
2/28/2025									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-24R	GWC-18	GWC-19R	GWC-18R	GWC-22R	GWC-21R
2/29/2016									
3/1/2016									
3/2/2016									
3/3/2016	36	52							
3/4/2016			69	32					
3/7/2016					16	30	30	32	
3/8/2016									63
3/9/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/22/2016									
3/23/2016									
3/28/2016									
5/2/2016									
5/3/2016									
5/4/2016									
5/5/2016				34.6	17.2		29.6	32.2	
5/6/2016									
5/9/2016	39					32.6			50.8
5/10/2016		57.6	72.9						
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/25/2016									
7/6/2016									
7/7/2016									
7/8/2016									
7/11/2016	35.7								
7/12/2016				29.6					
7/13/2016		49			12.3		27.8		
7/14/2016			58.2			25.6		26.8	
7/15/2016									48.2
7/18/2016									
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/27/2016									
7/29/2016									
8/1/2016									
9/7/2016									
9/8/2016									
9/9/2016	32								56.9
9/12/2016						29.6	29.1	31.1	
9/13/2016				31.1	17.8				
9/14/2016			62.2						
9/15/2016		55.4							

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-24R	GWC-18	GWC-19R	GWC-18R	GWC-22R	GWC-21R
9/16/2016									
9/19/2016									
9/21/2016									
9/22/2016									
9/23/2016									
9/26/2016									
10/25/2016									
10/26/2016	28.5								
10/27/2016				32.8				29.2	57.9
10/31/2016					6.22	26.5			
11/1/2016			62.5				26.2		
11/2/2016		54.8							
11/3/2016									
11/9/2016									
11/10/2016									
11/11/2016									
1/5/2017									
1/6/2017									
1/9/2017	27.5								
1/11/2017		51.6	63.9			28.5	25.2		
1/12/2017					16.6				60.5
1/13/2017				34				30	
1/17/2017									
1/18/2017									
1/25/2017									
1/30/2017									
1/31/2017									
2/9/2017									
2/21/2017									
2/22/2017									
3/14/2017									
3/15/2017	24.8								
3/16/2017									
3/20/2017		52.5		33.4			29.9	32	
3/21/2017			63.8			29.1			63.7
3/22/2017									
3/23/2017					19.6				
3/24/2017									
3/27/2017									
3/28/2017									
3/30/2017									
4/3/2017									
4/7/2017									
5/16/2017									
5/17/2017									
5/18/2017	26.9								
5/19/2017				33.2					
5/22/2017						28.2	28.9		
5/23/2017		58.7	62		21			27.5	60
5/24/2017									
6/6/2017									
6/7/2017									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-24R	GWC-18	GWC-19R	GWC-18R	GWC-22R	GWC-21R
6/8/2017									
6/9/2017									
6/12/2017									
6/14/2017									
7/12/2017									
7/17/2017									
7/19/2017									
7/20/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/24/2017									
9/15/2017	19.6								
9/18/2017									
9/19/2017				29.5				30.3	58.9
9/20/2017						32.1			
9/21/2017		63.8					30.8		
9/22/2017			67.2						
9/25/2017					17				
9/26/2017									
9/29/2017									
10/2/2017									
10/3/2017									
10/4/2017									
12/28/2017									
3/12/2018									
3/13/2018	26			30.8				32.1	
3/14/2018		60.6	65.6		23.4 (J)	30.7	27.6		65.6
3/15/2018									
3/16/2018									
3/19/2018									
3/21/2018									
9/6/2018									
9/7/2018	25.1	62.4					29.5	32.7	
9/10/2018						30.7			61.7
9/11/2018			63.2	29.1	18.1 (J)				
9/12/2018									
9/14/2018									
9/17/2018									
9/18/2018									
3/6/2019									
3/7/2019	33.3								
3/8/2019				28.8					
3/11/2019		63.8						33.9	67.1
3/12/2019			65.3		23.2 (J)	31.1	28.6		
3/13/2019									
3/14/2019									
3/15/2019									
3/19/2019									
3/20/2019									
3/21/2019									
9/4/2019	31.6								

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-24R	GWC-18	GWC-19R	GWC-18R	GWC-22R	GWC-21R
9/5/2019				29.6 (D)				31.8	
9/6/2019							27.5		57.8
9/9/2019		55.7			15.2	29.6			
9/10/2019			66.7						
9/11/2019									
9/12/2019									
9/13/2019									
3/2/2020									
3/3/2020				33.3				37.2	70.2
3/4/2020	38	60.6				34			
3/5/2020			71.4				32		
3/6/2020					23.5				
3/9/2020									
3/11/2020									
3/12/2020									
9/3/2020									
9/4/2020	34.5								
9/8/2020								34.7	61.9
9/9/2020		57.1	63.2	31.5	15.3	30.5	28.5		
9/10/2020									
9/11/2020									
9/14/2020									
9/15/2020									
9/16/2020									
9/17/2020									
2/24/2021									
2/25/2021	36								
2/26/2021					25.2	33.3	31.9		
3/9/2021		76.4		33.2				35.7	64.1
3/10/2021			67.1						
3/11/2021									
3/12/2021									
3/16/2021									
3/17/2021									
3/26/2021									
3/29/2021									
7/27/2021									
7/28/2021	35.1								
7/29/2021				32.6	22		30.5		
7/30/2021		65.5	64.4						
8/2/2021								34.1	59.3
8/4/2021									
8/5/2021						33			
8/6/2021									
8/9/2021									
8/10/2021									
1/25/2022									
1/26/2022	37.6								
1/27/2022						33.2	29.3	36.9	
1/28/2022		68.5	64.7	34.4	19.1				60
1/31/2022									
2/1/2022									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-56 (bg)	GWC-16R	GWC-17R	GWC-24R	GWC-18	GWC-19R	GWC-18R	GWC-22R	GWC-21R
2/2/2022									
2/3/2022									
8/5/2022	38								
8/8/2022									
8/9/2022				33.8		34.6			
8/10/2022					18.9		33.6	36	67.7
8/11/2022		71.6	70.8						
8/12/2022									
8/16/2022									
8/17/2022									
2/8/2023									
2/9/2023				32.8	26.2	33.7	31.2	37	68.2
2/10/2023		84.6	69.6						
2/13/2023									
2/14/2023									
2/16/2023									
2/17/2023									
7/25/2023									
7/26/2023									
7/27/2023									
7/28/2023									
8/1/2023									
8/2/2023									
8/3/2023			65.2	31.7	16.5			33.6	
8/4/2023		69.8				31.1	31.8		68.8
2/13/2024									
2/14/2024					27.1	34.8	31.9		
2/15/2024		72.1	68.1	31.1				34.2	65.6
2/16/2024									
2/19/2024									
2/20/2024									
2/22/2024									
2/26/2024									
2/27/2024									
7/30/2024									
7/31/2024		73.1	70.2	33.2	17.3	34.2	31.9	33.1	
8/1/2024									
8/2/2024									69.8
8/6/2024									
8/7/2024									
8/8/2024									
2/19/2025							29.9		
2/20/2025					23.5	32		33.4	
2/24/2025				30.7					
2/25/2025		74.7	67.4						53.8
2/26/2025									
2/27/2025									
2/28/2025									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-25R	GWC-23R	GWA-43 (bg)	GWA-42 (bg)	GWA-43R (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)
2/29/2016									
3/1/2016									
3/2/2016									
3/3/2016									
3/4/2016									
3/7/2016									
3/8/2016	40	34							
3/9/2016			55						
3/11/2016				13	31	30			
3/14/2016							20		
3/15/2016								24	24
3/22/2016									
3/23/2016									
3/28/2016									
5/2/2016									
5/3/2016									
5/4/2016		36							
5/5/2016									
5/6/2016			62.4						
5/9/2016	43.8								
5/10/2016									
5/11/2016							9.76	22.1	
5/12/2016									15.5
5/13/2016				18.7 (o)		27.8			
5/16/2016					32				
5/19/2016									
5/20/2016									
5/23/2016									
5/25/2016									
7/6/2016									
7/7/2016									
7/8/2016									
7/11/2016									
7/12/2016									
7/13/2016									
7/14/2016	36								
7/15/2016			49.5						
7/18/2016		31.7							
7/19/2016				12		25.3	3.04		
7/20/2016									16.5
7/21/2016								19.3	
7/22/2016					28.5				
7/27/2016									
7/29/2016									
8/1/2016									
9/7/2016									
9/8/2016									
9/9/2016									
9/12/2016	42.1								
9/13/2016		32.5							
9/14/2016			54.4						
9/15/2016							4.78	18.2	6.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-25R	GWC-23R	GWA-43 (bg)	GWA-42 (bg)	GWA-43R (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)
9/16/2016				8.48		27.5			
9/19/2016					28.6				
9/21/2016									
9/22/2016									
9/23/2016									
9/26/2016									
10/25/2016									
10/26/2016									
10/27/2016		30.9							
10/31/2016	43.4								
11/1/2016			52.8						
11/2/2016				11.4		26.2	2.46		
11/3/2016					26.6			18.2	13.7
11/9/2016									
11/10/2016									
11/11/2016									
1/5/2017									
1/6/2017									
1/9/2017									
1/11/2017									
1/12/2017	39.1								
1/13/2017		31.2							
1/17/2017					28.7			22	
1/18/2017				6.81		26.6	5.46		13.1
1/25/2017			57.2						
1/30/2017									
1/31/2017									
2/9/2017									
2/21/2017									
2/22/2017									
3/14/2017									
3/15/2017									
3/16/2017		29							
3/20/2017									
3/21/2017									
3/22/2017	37		58.1						
3/23/2017									
3/24/2017								21.1	17.3
3/27/2017					30.4				
3/28/2017				5.61		29	13		
3/30/2017									
4/3/2017									
4/7/2017									
5/16/2017									
5/17/2017									
5/18/2017									
5/19/2017		33.9							
5/22/2017	36.8								
5/23/2017									
5/24/2017			64					23.5	
6/6/2017				4.99		29.3			29.1
6/7/2017					31.3		17		

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-25R	GWC-23R	GWA-43 (bg)	GWA-42 (bg)	GWA-43R (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)
6/8/2017									
6/9/2017									
6/12/2017									
6/14/2017									
7/12/2017									
7/17/2017									
7/19/2017									
7/20/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/24/2017									
9/15/2017									
9/18/2017									
9/19/2017	37.7	31.3							
9/20/2017									
9/21/2017			61.1						
9/22/2017				4.24		32.2			
9/25/2017									17.6
9/26/2017					29.5		24.9	24.1	
9/29/2017									
10/2/2017									
10/3/2017									
10/4/2017									
12/28/2017						29 (Y)	17.9 (Y)		
3/12/2018									
3/13/2018		33.3							
3/14/2018	35.9		59.9	3.6	32.6		26.4	25.7	39.6
3/15/2018						28			
3/16/2018									
3/19/2018									
3/21/2018									
9/6/2018									
9/7/2018									
9/10/2018	31.6								
9/11/2018		30.9	60.2						
9/12/2018				3.7		28.7	25.1	18.4 (J)	14.2 (J)
9/14/2018					30.5				
9/17/2018									
9/18/2018									
3/6/2019									
3/7/2019									
3/8/2019		33.1							
3/11/2019									
3/12/2019	35.2		61.6						
3/13/2019				2.9		29.2		23.8 (X)	
3/14/2019					32				22.7 (X)
3/15/2019							20.3 (X)		
3/19/2019									
3/20/2019									
3/21/2019									
9/4/2019									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-25R	GWC-23R	GWA-43 (bg)	GWA-42 (bg)	GWA-43R (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)
9/5/2019		34.6							
9/6/2019	32.35 (D)		55.9						
9/9/2019							11.3	15.4	
9/10/2019					34				6
9/11/2019				3.2		29.5			
9/12/2019									
9/13/2019									
3/2/2020									
3/3/2020		37.6							
3/4/2020									
3/5/2020	38.9		63.7						
3/6/2020					38				29.2
3/9/2020				2.6		31.7	3.2	29.4	
3/11/2020									
3/12/2020									
9/3/2020									
9/4/2020	40.2	36.6							
9/8/2020									
9/9/2020			57.6						
9/10/2020					31.1		1		13.5
9/11/2020				9				17.7	
9/14/2020						31			
9/15/2020									
9/16/2020									
9/17/2020									
2/24/2021									
2/25/2021									
2/26/2021									
3/9/2021	35.8	36.4							
3/10/2021			62.2					22.8	
3/11/2021				2.1	34.8	31.2			25.9
3/12/2021							11		
3/16/2021									
3/17/2021									
3/26/2021									
3/29/2021									
7/27/2021									
7/28/2021									
7/29/2021									
7/30/2021			58.7						
8/2/2021	34.7	35.4							
8/4/2021					34		10.6	17.1	15.7
8/5/2021						29			
8/6/2021				4					
8/9/2021									
8/10/2021									
1/25/2022									
1/26/2022									
1/27/2022	36.2	34.4							
1/28/2022			64.9						
1/31/2022				2.2	37.3	30.6	12.7	18.5	14.5
2/1/2022									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-20R	GWC-25R	GWC-23R	GWA-43 (bg)	GWA-42 (bg)	GWA-43R (bg)	GWA-39Z (bg)	GWA-40 (bg)	GWA-41 (bg)
2/2/2022									
2/3/2022									
8/5/2022									
8/8/2022									
8/9/2022	38.7	37.1							
8/10/2022					40.5	33.1	8.7		
8/11/2022			67	4.8					16.2
8/12/2022								18.5	
8/16/2022									
8/17/2022									
2/8/2023									
2/9/2023		35.6							
2/10/2023	38.4		68.7						
2/13/2023					35.7	28.5	12.8	18.4	26.9
2/14/2023				2.2					
2/16/2023									
2/17/2023									
7/25/2023				2.2		34.2			10.8
7/26/2023					35.7		12.5	18	
7/27/2023									
7/28/2023									
8/1/2023									
8/2/2023									
8/3/2023	41.9	34.3	65.2						
8/4/2023									
2/13/2024									
2/14/2024									
2/15/2024	39.2								
2/16/2024		34.6	74.2						
2/19/2024							10.8	22.1	24.9
2/20/2024				2	39.4	31.4			
2/22/2024									
2/26/2024									
2/27/2024									
7/30/2024									
7/31/2024		33.9	74.6						
8/1/2024	46.1				36.9		11.5	19	8.5
8/2/2024				2		32.8			
8/6/2024									
8/7/2024									
8/8/2024									
2/19/2025									
2/20/2025	39.7								
2/24/2025									
2/25/2025		31.8	64.6	1.6	38.9	23.2	17.4	26.3	31.7
2/26/2025									
2/27/2025									
2/28/2025									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R (bg)	GWA-1 (bg)	GWA-2 (bg)	GWA-3A (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWA-39RZ (bg)
2/29/2016									
3/1/2016									
3/2/2016									
3/3/2016									
3/4/2016									
3/7/2016									
3/8/2016									
3/9/2016									
3/11/2016									
3/14/2016									
3/15/2016	38								
3/22/2016		32.6							
3/23/2016			54.1	2.05	46.5				
3/28/2016						7.04	3.89		
5/2/2016									
5/3/2016									
5/4/2016								43.4	
5/5/2016									
5/6/2016									
5/9/2016									
5/10/2016									
5/11/2016									
5/12/2016									
5/13/2016	36								
5/16/2016									27.8 (D)
5/19/2016		33.4			24.6				
5/20/2016			23.9						
5/23/2016				1.29			2.16		
5/25/2016						13.5			
7/6/2016									
7/7/2016								40.1	
7/8/2016									
7/11/2016									
7/12/2016									
7/13/2016									
7/14/2016									
7/15/2016									
7/18/2016									
7/19/2016									
7/20/2016									
7/21/2016	33.5								
7/22/2016									
7/27/2016									21.2 (D)
7/29/2016		26	25.3	1.29	14.9				
8/1/2016						2.2	1.37		
9/7/2016									
9/8/2016								37.1	
9/9/2016									
9/12/2016									
9/13/2016									
9/14/2016									
9/15/2016									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R (bg)	GWA-1 (bg)	GWA-2 (bg)	GWA-3A (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWA-39RZ (bg)
9/16/2016									
9/19/2016									
9/21/2016	31.9								
9/22/2016				1.51	15				
9/23/2016		28.8	26.6						
9/26/2016						5.72	1.86		
10/25/2016									
10/26/2016								38.8	
10/27/2016									
10/31/2016									
11/1/2016									
11/2/2016									
11/3/2016	28.9								
11/9/2016		27.9	16.1						
11/10/2016				1.54	12.6		1.86		
11/11/2016						2.5			
1/5/2017									
1/6/2017								39.6	
1/9/2017									
1/11/2017									
1/12/2017									
1/13/2017									
1/17/2017	31.4								
1/18/2017									
1/25/2017									
1/30/2017		29.2				2.01	2.86		
1/31/2017			5.68	1.34	16.5				
2/9/2017									
2/21/2017									31.7 (D)
2/22/2017									
3/14/2017									
3/15/2017								36.1	
3/16/2017									
3/20/2017									
3/21/2017									
3/22/2017									
3/23/2017									
3/24/2017									
3/27/2017	31.7								31.9 (D)
3/28/2017									
3/30/2017		30	25.2	1.31					
4/3/2017					16.6	6.26			
4/7/2017							2.34		
5/16/2017									
5/17/2017									
5/18/2017								40.1	
5/19/2017									
5/22/2017									
5/23/2017									
5/24/2017									
6/6/2017	42.9								
6/7/2017									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R (bg)	GWA-1 (bg)	GWA-2 (bg)	GWA-3A (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWA-39RZ (bg)
6/8/2017									35 (D)
6/9/2017		30.9			17.8				
6/12/2017			34.2	1.4		7.44	1.87		
6/14/2017									
7/12/2017									
7/17/2017									35.9 (D)
7/19/2017								46.9	
7/20/2017									
7/27/2017									34.9 (D)
7/28/2017									
8/9/2017									33.7 (D)
8/24/2017									
9/15/2017									
9/18/2017									
9/19/2017								47.7	
9/20/2017									
9/21/2017									
9/22/2017									
9/25/2017	29.3								
9/26/2017									
9/29/2017									33.4 (D)
10/2/2017		31.5	1.69		20.6	6.55	2.53		
10/3/2017									
10/4/2017				1.13					
12/28/2017									
3/12/2018									
3/13/2018								46.1	
3/14/2018	41.4								
3/15/2018									
3/16/2018		28.5			33	2.6	1.8		32.6
3/19/2018			63	1.2					
3/21/2018									
9/6/2018									
9/7/2018								44.2	
9/10/2018									
9/11/2018									
9/12/2018	29								
9/14/2018			2.4		22.8 (J)				29.2
9/17/2018		30.8		0.95			2.3		
9/18/2018						1.3			
3/6/2019									
3/7/2019									
3/8/2019								46.6	
3/11/2019									
3/12/2019									
3/13/2019									
3/14/2019	31.9								33
3/15/2019									
3/19/2019					59.2	4.6	4.2		
3/20/2019		30.1	4.3	0.96					
3/21/2019									
9/4/2019								40.7	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R (bg)	GWA-1 (bg)	GWA-2 (bg)	GWA-3A (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWA-39RZ (bg)
9/5/2019									
9/6/2019									
9/9/2019									
9/10/2019	29.6								33.8
9/11/2019									
9/12/2019		31.9	1.8			3.7			
9/13/2019				0.94	27		1.9		
3/2/2020									
3/3/2020								47.6	
3/4/2020									
3/5/2020									
3/6/2020									
3/9/2020	25.5								35.6
3/11/2020		31.8	66.6	1	46.8	1.2	1.6		
3/12/2020									
9/3/2020									
9/4/2020									
9/8/2020									
9/9/2020								44.1	
9/10/2020	22.9								
9/11/2020									
9/14/2020									
9/15/2020		30.8	18.4		21.4	0.94 (J)			
9/16/2020							1.7		34.9
9/17/2020									
2/24/2021									
2/25/2021								49.8	
2/26/2021									
3/9/2021									
3/10/2021	40.3								
3/11/2021									
3/12/2021									
3/16/2021		34.6			26.7				32.4
3/17/2021			40.4			5.4	1.4		
3/26/2021									
3/29/2021				19					
7/27/2021									
7/28/2021								47.1	
7/29/2021									
7/30/2021									
8/2/2021									
8/4/2021	38.5								
8/5/2021									
8/6/2021									33
8/9/2021		32	41	19.4	31.5	1.7	1.5		
8/10/2021									
1/25/2022									
1/26/2022								50.5	
1/27/2022									
1/28/2022									
1/31/2022	39.3								
2/1/2022		34.1	48		34.1		1.5		

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-41R (bg)	GWA-1 (bg)	GWA-2 (bg)	GWA-3A (bg)	GWA-2R (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWA-39RZ (bg)
2/2/2022				22.6		0.93 (J)			32.6
2/3/2022									
8/5/2022									
8/8/2022									
8/9/2022								46.1	
8/10/2022									
8/11/2022	39.7								
8/12/2022									
8/16/2022		34	39.5	22.2	37.9		1.6		32
8/17/2022						3.8			
2/8/2023									
2/9/2023									
2/10/2023									
2/13/2023	38.6								
2/14/2023									31.4
2/16/2023		33.3	60.5		51.6	0.81 (J)	1.4		
2/17/2023				22.4					
7/25/2023	36.7								35.7
7/26/2023									
7/27/2023		29.1	23.3		28				
7/28/2023						0.6 (J)	1.3		
8/1/2023				22.6					
8/2/2023									
8/3/2023									
8/4/2023									
2/13/2024									
2/14/2024									
2/15/2024									
2/16/2024									
2/19/2024	44.9								34.8
2/20/2024									
2/22/2024		31.8	45.6	22.9		0.78 (J)	1.7		
2/26/2024					30.6				
2/27/2024									
7/30/2024									
7/31/2024									
8/1/2024	40								33.9
8/2/2024									
8/6/2024					25.5				
8/7/2024		31.6	32.3						
8/8/2024				23		0.72 (J)	1.7		
2/19/2025									
2/20/2025									
2/24/2025									
2/25/2025	34								
2/26/2025				19.9					35.4
2/27/2025		33.4	41.7		66.7		1.4		
2/28/2025						0.81 (J)			

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ (bg)
2/29/2016	
3/1/2016	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	
3/9/2016	
3/11/2016	
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
3/28/2016	
5/2/2016	
5/3/2016	
5/4/2016	
5/5/2016	
5/6/2016	
5/9/2016	
5/10/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	
5/19/2016	
5/20/2016	
5/23/2016	
5/25/2016	
7/6/2016	
7/7/2016	
7/8/2016	
7/11/2016	
7/12/2016	
7/13/2016	
7/14/2016	
7/15/2016	
7/18/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	
7/27/2016	
7/29/2016	
8/1/2016	
9/7/2016	
9/8/2016	
9/9/2016	
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ (bg)
9/16/2016	
9/19/2016	
9/21/2016	
9/22/2016	
9/23/2016	
9/26/2016	
10/25/2016	
10/26/2016	
10/27/2016	
10/31/2016	
11/1/2016	
11/2/2016	
11/3/2016	
11/9/2016	
11/10/2016	
11/11/2016	
1/5/2017	
1/6/2017	
1/9/2017	
1/11/2017	
1/12/2017	
1/13/2017	
1/17/2017	
1/18/2017	
1/25/2017	
1/30/2017	
1/31/2017	
2/9/2017	
2/21/2017	
2/22/2017	54.7 (D)
3/14/2017	
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	
3/22/2017	
3/23/2017	
3/24/2017	
3/27/2017	
3/28/2017	
3/30/2017	
4/3/2017	
4/7/2017	46.8 (D)
5/16/2017	
5/17/2017	
5/18/2017	
5/19/2017	
5/22/2017	
5/23/2017	
5/24/2017	
6/6/2017	
6/7/2017	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ (bg)
6/8/2017	
6/9/2017	
6/12/2017	
6/14/2017	52.4 (D)
7/12/2017	51.1 (D)
7/17/2017	
7/19/2017	
7/20/2017	47.5 (D)
7/27/2017	
7/28/2017	44 (D)
8/9/2017	48.3 (D)
8/24/2017	41.9 (D)
9/15/2017	
9/18/2017	
9/19/2017	
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
9/26/2017	
9/29/2017	
10/2/2017	
10/3/2017	47.7 (D)
10/4/2017	
12/28/2017	
3/12/2018	
3/13/2018	
3/14/2018	
3/15/2018	
3/16/2018	
3/19/2018	
3/21/2018	47.5
9/6/2018	
9/7/2018	
9/10/2018	
9/11/2018	
9/12/2018	
9/14/2018	
9/17/2018	
9/18/2018	48.1
3/6/2019	
3/7/2019	
3/8/2019	
3/11/2019	
3/12/2019	
3/13/2019	
3/14/2019	
3/15/2019	
3/19/2019	
3/20/2019	
3/21/2019	49.9 (D)
9/4/2019	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ (bg)
9/5/2019	
9/6/2019	
9/9/2019	
9/10/2019	
9/11/2019	
9/12/2019	49.9 (D)
9/13/2019	
3/2/2020	
3/3/2020	
3/4/2020	
3/5/2020	
3/6/2020	
3/9/2020	
3/11/2020	
3/12/2020	54.2
9/3/2020	
9/4/2020	
9/8/2020	
9/9/2020	
9/10/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	48.4
2/24/2021	
2/25/2021	
2/26/2021	
3/9/2021	
3/10/2021	
3/11/2021	
3/12/2021	
3/16/2021	53.7
3/17/2021	
3/26/2021	
3/29/2021	
7/27/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	
8/4/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	56.5
1/25/2022	
1/26/2022	
1/27/2022	
1/28/2022	
1/31/2022	
2/1/2022	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ (bg)
2/2/2022	
2/3/2022	57.7
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/12/2022	
8/16/2022	
8/17/2022	54.7
2/8/2023	
2/9/2023	
2/10/2023	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	59.4
7/25/2023	
7/26/2023	
7/27/2023	
7/28/2023	43
8/1/2023	
8/2/2023	
8/3/2023	
8/4/2023	
2/13/2024	
2/14/2024	
2/15/2024	
2/16/2024	
2/19/2024	
2/20/2024	
2/22/2024	
2/26/2024	
2/27/2024	63.1
7/30/2024	
7/31/2024	
8/1/2024	
8/2/2024	
8/6/2024	
8/7/2024	
8/8/2024	56.4
2/19/2025	
2/20/2025	
2/24/2025	
2/25/2025	
2/26/2025	
2/27/2025	
2/28/2025	56.6

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWC-36RA	GWC-37	GWC-38	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-56 (bg)
2/29/2016	0.0375 (J)								
3/1/2016		0.0172 (J)	0.0215 (J)						
3/2/2016				0.0121 (J)	0.0202 (J)	0.0238 (J)	0.0427 (J)	0.0293 (J)	
3/3/2016									0.1143 (J)
3/4/2016									
3/7/2016									
3/8/2016									
3/9/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/22/2016									
3/23/2016									
3/28/2016									
5/2/2016		0.018 (J)							
5/3/2016			0.023 (J)	0.013 (J)	0.025 (J)	0.027 (J)		0.049 (J)	
5/4/2016	0.04 (J)						0.048 (J)		
5/5/2016									
5/6/2016									
5/9/2016									0.0383 (J)
5/10/2016									
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/25/2016									
7/6/2016		0.02 (J)							
7/7/2016				<0.1					
7/8/2016	0.11 (J)		0.02 (J)		0.09 (J)		0.12 (J)		
7/11/2016						<0.1		<0.1	<0.1
7/12/2016									
7/13/2016									
7/14/2016									
7/15/2016									
7/18/2016									
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/27/2016									
7/29/2016									
8/1/2016									
9/7/2016		<0.1	<0.1			<0.1			
9/8/2016	<0.1			<0.1	<0.1		<0.1		
9/9/2016								0.05 (J)	0.1 (J)
9/12/2016									
9/13/2016									
9/14/2016									
9/15/2016									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWC-36RA	GWC-37	GWC-38	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-56 (bg)
9/16/2016									
9/19/2016									
9/21/2016									
9/22/2016									
9/23/2016									
9/26/2016									
10/25/2016		0.03 (J)	0.04 (J)	0.03 (J)					
10/26/2016	0.04 (J)				0.04 (J)		0.11 (J)	0.08 (J)	0.2 (J)
10/27/2016						0.1 (J)			
10/31/2016									
11/1/2016									
11/2/2016									
11/3/2016									
11/9/2016									
11/10/2016									
11/11/2016									
1/5/2017		0.03 (J)							
1/6/2017	0.04 (J)		<0.1			0.02 (J)			
1/9/2017					0.02 (J)		0.04 (J)	0.05 (J)	0.26 (J)
1/11/2017									
1/12/2017									
1/13/2017									
1/17/2017									
1/18/2017									
1/25/2017									
1/30/2017									
1/31/2017									
2/9/2017				<0.1					
2/21/2017									
2/22/2017									
3/14/2017		<0.1	<0.1						
3/15/2017	<0.1						0.009 (J)		0.19 (J)
3/16/2017					<0.1	0.04 (J)		0.07 (J)	
3/20/2017									
3/21/2017									
3/22/2017									
3/23/2017				<0.1					
3/24/2017									
3/27/2017									
3/28/2017									
3/30/2017									
4/3/2017									
4/7/2017									
5/16/2017		<0.1	<0.1						
5/17/2017	0.01 (J)			<0.1					
5/18/2017							0.02 (J)	<0.1	0.19 (J)
5/19/2017					<0.1	0.004 (J)			
5/22/2017									
5/23/2017									
5/24/2017									
6/6/2017									
6/7/2017									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWC-36RA	GWC-37	GWC-38	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-56 (bg)
6/8/2017									
6/9/2017									
6/12/2017									
6/14/2017									
7/12/2017									
7/17/2017									
7/19/2017									
7/20/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/24/2017									
9/15/2017	<0.1	<0.1	<0.1				0.03 (J)	<0.1	0.24 (J)
9/18/2017									
9/19/2017				<0.1	<0.1	<0.1			
9/20/2017									
9/21/2017									
9/22/2017									
9/25/2017									
9/26/2017									
9/29/2017									
10/2/2017									
10/3/2017									
10/4/2017									
3/12/2018		<0.1	<0.1					<0.1	
3/13/2018	0.084 (J)			<0.1	<0.1	0.032 (J)	0.054 (J)		0.4
3/14/2018									
3/15/2018									
3/16/2018									
3/19/2018									
3/21/2018									
9/6/2018	<0.1	<0.1	<0.1	<0.1			<0.1		
9/7/2018								<0.1	0.14 (J)
9/10/2018									
9/11/2018					<0.1	<0.1			
9/12/2018									
9/14/2018									
9/17/2018									
9/18/2018									
3/6/2019			<0.1						
3/7/2019	<0.1	<0.1		<0.1			<0.1		0.089 (J)
3/8/2019					<0.1			<0.1	
3/11/2019									
3/12/2019						0.046 (J)			
3/13/2019									
3/14/2019									
3/15/2019									
3/19/2019									
3/20/2019									
3/21/2019									
6/18/2019									
9/4/2019	<0.1	<0.1	<0.1	<0.1					0.11 (J)

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWC-36RA	GWC-37	GWC-38	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-56 (bg)
9/5/2019					<0.1	<0.1	<0.1	<0.1	
9/6/2019									
9/9/2019									
9/10/2019									
9/11/2019									
9/12/2019									
9/13/2019									
3/2/2020	<0.1	<0.1	<0.1	<0.1					
3/3/2020							<0.1	<0.1	
3/4/2020					<0.1	<0.1			0.086 (J)
3/5/2020									
3/6/2020									
3/9/2020									
3/11/2020									
3/12/2020									
9/3/2020	<0.1		<0.1	<0.1					
9/4/2020								<0.1	0.086 (J)
9/8/2020					<0.1	<0.1	<0.1		
9/9/2020									
9/10/2020									
9/11/2020									
9/14/2020		<0.1							
9/15/2020									
9/16/2020									
9/17/2020									
2/24/2021	<0.1		<0.1	<0.1					
2/25/2021							<0.1	<0.1	0.097 (J)
2/26/2021					<0.1	<0.1			
3/9/2021									
3/10/2021									
3/11/2021									
3/12/2021									
3/16/2021									
3/17/2021									
3/26/2021		<0.1							
3/29/2021									
7/27/2021	<0.1	<0.1					<0.1		
7/28/2021			<0.1	<0.1				<0.1	0.091 (J)
7/29/2021					<0.1	<0.1			
7/30/2021									
8/2/2021									
8/4/2021									
8/5/2021									
8/6/2021									
8/9/2021									
8/10/2021									
1/25/2022	<0.1			<0.1			<0.1		
1/26/2022		<0.1	<0.1		<0.1	<0.1		<0.1	0.076 (J)
1/27/2022									
1/28/2022									
1/31/2022									
2/1/2022									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-52 (bg)	GWC-36RA	GWC-37	GWC-38	GWA-53 (bg)	GWA-53R (bg)	GWA-54 (bg)	GWA-55 (bg)	GWA-56 (bg)
2/2/2022									
2/3/2022									
8/5/2022	0.065 (J)			<0.1			0.073 (J)		0.094 (J)
8/8/2022		0.062 (J)	0.061 (J)		0.067 (J)	0.066 (J)		0.078 (J)	
8/9/2022									
8/10/2022									
8/11/2022									
8/12/2022									
8/16/2022									
8/17/2022									
2/8/2023		<0.1	<0.1	<0.1					
2/9/2023									
2/10/2023									
2/13/2023									
2/14/2023									
2/16/2023									
2/17/2023									
7/25/2023									
7/26/2023									
7/27/2023									
7/28/2023									
8/1/2023									
8/2/2023			<0.1	<0.1					
8/3/2023		<0.1							
8/4/2023									
2/13/2024		<0.1	<0.1	<0.1					
2/14/2024									
2/15/2024									
2/16/2024									
2/19/2024									
2/20/2024									
2/22/2024									
2/26/2024									
2/27/2024									
7/30/2024		<0.1	<0.1	<0.1					
7/31/2024									
8/1/2024									
8/2/2024									
8/6/2024									
8/7/2024									
8/8/2024									
2/19/2025		<0.1	<0.1	<0.1					
2/20/2025									
2/24/2025									
2/25/2025									
2/26/2025									
2/27/2025									
2/28/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55R (bg)	GWC-16R	GWC-24R	GWC-18	GWC-18R	GWC-19R	GWC-22R	GWC-25R	GWC-20R
2/29/2016									
3/1/2016									
3/2/2016									
3/3/2016	0.0392 (J)	0.06259 (JD)							
3/4/2016			<0.1						
3/7/2016				0.00623 (J)	0.00232 (J)	<0.1	0.00526 (J)		
3/8/2016								0.00246 (J)	0.00425 (J)
3/9/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/22/2016									
3/23/2016									
3/28/2016									
5/2/2016									
5/3/2016	0.058 (J)								
5/4/2016								0.027 (J)	
5/5/2016			0.039 (J)	0.045 (J)	0.025 (J)		0.049 (J)		
5/6/2016									
5/9/2016						0.0246 (J)			0.0259 (J)
5/10/2016		0.0767 (J)							
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									
5/19/2016									
5/20/2016									
5/23/2016									
5/25/2016									
7/6/2016									
7/7/2016									
7/8/2016									
7/11/2016	<0.1								
7/12/2016			<0.1						
7/13/2016		<0.1		<0.1	<0.1				
7/14/2016						<0.1	<0.1		<0.1
7/15/2016									
7/18/2016								<0.1	
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/27/2016									
7/29/2016									
8/1/2016									
9/7/2016									
9/8/2016									
9/9/2016	0.02 (J)								
9/12/2016					0.02 (J)	0.03 (J)	0.06 (J)		0.03 (J)
9/13/2016			0.04 (J)	0.07 (J)				0.03 (J)	
9/14/2016									
9/15/2016		<0.1							

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55R (bg)	GWC-16R	GWC-24R	GWC-18	GWC-18R	GWC-19R	GWC-22R	GWC-25R	GWC-20R
9/16/2016									
9/19/2016									
9/21/2016									
9/22/2016									
9/23/2016									
9/26/2016									
10/25/2016									
10/26/2016									
10/27/2016	0.12 (J)		0.11 (J)				0.12 (J)	0.1 (J)	
10/31/2016				0.05 (J)		0.05 (J)			0.11 (J)
11/1/2016					0.05 (J)				
11/2/2016		0.08 (J)							
11/3/2016									
11/9/2016									
11/10/2016									
11/11/2016									
1/5/2017									
1/6/2017									
1/9/2017	0.06 (J)								
1/11/2017		0.19 (J)			<0.1	<0.1			
1/12/2017				0.06 (J)					0.02 (J)
1/13/2017			<0.1				0.04 (J)	<0.1	
1/17/2017									
1/18/2017									
1/25/2017									
1/30/2017									
1/31/2017									
2/9/2017									
2/21/2017									
2/22/2017									
3/14/2017									
3/15/2017									
3/16/2017	0.08 (J)							<0.1	
3/20/2017		0.18 (J)	<0.1		<0.1		0.06 (J)		
3/21/2017						<0.1			
3/22/2017									0.1 (J)
3/23/2017				0.03 (J)					
3/24/2017									
3/27/2017									
3/28/2017									
3/30/2017									
4/3/2017									
4/7/2017									
5/16/2017									
5/17/2017									
5/18/2017	0.04 (J)								
5/19/2017			0.01 (J)					<0.1	
5/22/2017					<0.1	<0.1			0.02 (J)
5/23/2017		0.1 (J)		0.02 (J)			0.02 (J)		
5/24/2017									
6/6/2017									
6/7/2017									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55R (bg)	GWC-16R	GWC-24R	GWC-18	GWC-18R	GWC-19R	GWC-22R	GWC-25R	GWC-20R
6/8/2017									
6/9/2017									
6/12/2017									
6/14/2017									
7/12/2017									
7/17/2017									
7/19/2017									
7/20/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/24/2017									
9/15/2017									
9/18/2017	<0.1								
9/19/2017			<0.1				<0.1	<0.1	<0.1
9/20/2017						<0.1			
9/21/2017		<0.1			<0.1				
9/22/2017									
9/25/2017				0.1 (J)					
9/26/2017									
9/29/2017									
10/2/2017									
10/3/2017									
10/4/2017									
3/12/2018	<0.1								
3/13/2018			0.091 (J)				0.046 (J)	<0.1	
3/14/2018		0.17 (J)		0.12 (J)	0.12 (J)	0.045 (J)			0.035 (J)
3/15/2018									
3/16/2018									
3/19/2018									
3/21/2018									
9/6/2018									
9/7/2018	<0.1	<0.1			<0.1		<0.1		
9/10/2018						<0.1			<0.1
9/11/2018			<0.1	<0.1				<0.1	
9/12/2018									
9/14/2018									
9/17/2018									
9/18/2018									
3/6/2019									
3/7/2019	<0.1								
3/8/2019			<0.1					<0.1	
3/11/2019		0.23 (J)					<0.1		
3/12/2019				0.05 (J)	0.042 (J)	0.04 (J)			0.048 (J)
3/13/2019									
3/14/2019									
3/15/2019									
3/19/2019									
3/20/2019									
3/21/2019									
6/18/2019									
9/4/2019									

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55R (bg)	GWC-16R	GWC-24R	GWC-18	GWC-18R	GWC-19R	GWC-22R	GWC-25R	GWC-20R
9/5/2019	<0.1		<0.1				<0.1	<0.1	
9/6/2019					<0.1				<0.1
9/9/2019		<0.1		<0.1		<0.1			
9/10/2019									
9/11/2019									
9/12/2019									
9/13/2019									
3/2/2020									
3/3/2020			<0.1				<0.1	<0.1	
3/4/2020	<0.1	0.29 (J)				<0.1			
3/5/2020					<0.1				<0.1
3/6/2020				<0.1					
3/9/2020									
3/11/2020									
3/12/2020									
9/3/2020									
9/4/2020	<0.1							<0.1	<0.1
9/8/2020							<0.1		
9/9/2020		0.17 (J)	<0.1	<0.1	<0.1	<0.1			
9/10/2020									
9/11/2020									
9/14/2020									
9/15/2020									
9/16/2020									
9/17/2020									
2/24/2021									
2/25/2021	<0.1								
2/26/2021				<0.1	<0.1	<0.1			
3/9/2021		0.25	<0.1				<0.1	<0.1	<0.1
3/10/2021									
3/11/2021									
3/12/2021									
3/16/2021									
3/17/2021									
3/26/2021									
3/29/2021									
7/27/2021									
7/28/2021	<0.1								
7/29/2021			<0.1	<0.1	<0.1				
7/30/2021		0.16							
8/2/2021							<0.1	<0.1	<0.1
8/4/2021									
8/5/2021						<0.1			
8/6/2021									
8/9/2021									
8/10/2021									
1/25/2022									
1/26/2022									
1/27/2022	<0.1				<0.1	<0.1	<0.1	<0.1	<0.1
1/28/2022		0.17	<0.1	<0.1					
1/31/2022									
2/1/2022									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-55R (bg)	GWC-16R	GWC-24R	GWC-18	GWC-18R	GWC-19R	GWC-22R	GWC-25R	GWC-20R
2/2/2022									
2/3/2022									
8/5/2022									
8/8/2022	0.07 (J)								
8/9/2022			0.072 (J)			0.067 (J)		0.068 (J)	0.072 (J)
8/10/2022				0.06 (J)	<0.1		0.055 (J)		
8/11/2022		0.12							
8/12/2022									
8/16/2022									
8/17/2022									
2/8/2023									
2/9/2023			0.053 (J)	0.072 (J)	<0.1	<0.1	0.052 (J)	<0.1	
2/10/2023		0.22							0.054 (J)
2/13/2023									
2/14/2023									
2/16/2023									
2/17/2023									
7/25/2023									
7/26/2023									
7/27/2023									
7/28/2023									
8/1/2023									
8/2/2023									
8/3/2023			<0.1	<0.1			<0.1	<0.1	<0.1
8/4/2023		0.079 (J)			<0.1	<0.1			
2/13/2024									
2/14/2024				<0.1	<0.1	<0.1			
2/15/2024		0.13	<0.1				<0.1		<0.1
2/16/2024								0.055 (J)	
2/19/2024									
2/20/2024									
2/22/2024									
2/26/2024									
2/27/2024									
7/30/2024									
7/31/2024		0.065 (J)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
8/1/2024									<0.1
8/2/2024									
8/6/2024									
8/7/2024									
8/8/2024									
2/19/2025					<0.1				
2/20/2025				<0.1		<0.1	<0.1		<0.1
2/24/2025			<0.1						
2/25/2025		0.11						0.056 (J)	
2/26/2025									
2/27/2025									
2/28/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-23R	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-39Z (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-41 (bg)
2/29/2016									
3/1/2016									
3/2/2016									
3/3/2016									
3/4/2016									
3/7/2016									
3/8/2016	0.00287 (J)								
3/9/2016		<0.1							
3/11/2016			0.0296 (J)	0.0329 (J)	0.0141 (J)				
3/14/2016						0.0657 (J)			
3/15/2016							0.0394 (J)	0.0267 (J)	0.0285 (J)
3/22/2016									
3/23/2016									
3/28/2016									
5/2/2016									
5/3/2016									
5/4/2016									
5/5/2016									
5/6/2016		0.056 (J)							
5/9/2016	0.0222 (J)								
5/10/2016									
5/11/2016						0.0401 (J)		0.0255 (J)	
5/12/2016									0.022 (J)
5/13/2016				0.0459 (J)	0.0141 (J)		0.0234 (J)		
5/16/2016			0.0287 (J)						
5/19/2016									
5/20/2016									
5/23/2016									
5/25/2016									
7/6/2016									
7/7/2016									
7/8/2016									
7/11/2016									
7/12/2016									
7/13/2016									
7/14/2016									
7/15/2016	<0.1	<0.1							
7/18/2016									
7/19/2016				<0.1	<0.1	<0.1			
7/20/2016									<0.1
7/21/2016							<0.1	<0.1	
7/22/2016			0.04 (J)						
7/27/2016									
7/29/2016									
8/1/2016									
9/7/2016									
9/8/2016									
9/9/2016	0.03 (J)								
9/12/2016									
9/13/2016									
9/14/2016		0.02 (J)							
9/15/2016						<0.1			<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-23R	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-39Z (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-41 (bg)
9/16/2016				<0.1	<0.1				
9/19/2016			<0.1					<0.1	
9/21/2016							<0.1		
9/22/2016									
9/23/2016									
9/26/2016									
10/25/2016									
10/26/2016									
10/27/2016	0.1 (J)								
10/31/2016									
11/1/2016		0.07 (J)							
11/2/2016				0.04 (J)	0.04 (J)	0.04 (J)			
11/3/2016			0.04 (J)				0.12 (J)	0.11 (J)	0.05 (J)
11/9/2016									
11/10/2016									
11/11/2016									
1/5/2017									
1/6/2017									
1/9/2017									
1/11/2017									
1/12/2017	0.11 (J)								
1/13/2017									
1/17/2017			0.02 (J)				0.01 (J)	0.02 (J)	
1/18/2017				<0.1	0.02 (J)	0.03 (J)			0.02 (J)
1/25/2017		0.01 (J)							
1/30/2017									
1/31/2017									
2/9/2017									
2/21/2017									
2/22/2017									
3/14/2017									
3/15/2017									
3/16/2017									
3/20/2017									
3/21/2017	<0.1								
3/22/2017		0.02 (J)							
3/23/2017									
3/24/2017								<0.1	<0.1
3/27/2017			<0.1				<0.1		
3/28/2017				<0.1	<0.1	0.06 (J)			
3/30/2017									
4/3/2017									
4/7/2017									
5/16/2017									
5/17/2017									
5/18/2017									
5/19/2017									
5/22/2017									
5/23/2017	<0.1								
5/24/2017		<0.1						<0.1	
6/6/2017				<0.1	<0.1		<0.1		<0.1
6/7/2017			<0.1			0.06 (J)			

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-23R	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-39Z (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-41 (bg)
6/8/2017									
6/9/2017									
6/12/2017									
6/14/2017									
7/12/2017									
7/17/2017									
7/19/2017									
7/20/2017									
7/27/2017									
7/28/2017									
8/9/2017									
8/24/2017									
9/15/2017									
9/18/2017									
9/19/2017	<0.1								
9/20/2017									
9/21/2017		0.17 (J)							
9/22/2017				<0.1	<0.1				
9/25/2017							<0.1		<0.1
9/26/2017			<0.1			0.04 (J)		<0.1	
9/29/2017									
10/2/2017									
10/3/2017									
10/4/2017									
3/12/2018									
3/13/2018									
3/14/2018	<0.1	0.18 (J)	0.06 (J)	<0.1		0.14 (J)	<0.1	0.055 (J)	<0.1
3/15/2018					<0.1				
3/16/2018									
3/19/2018									
3/21/2018									
9/6/2018									
9/7/2018									
9/10/2018	<0.1								
9/11/2018		<0.1							
9/12/2018				<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
9/14/2018			<0.1						
9/17/2018									
9/18/2018									
3/6/2019									
3/7/2019									
3/8/2019									
3/11/2019	0.51 (O)								
3/12/2019		0.06 (J)							
3/13/2019				<0.1	0.036 (X)			0.045 (X)	
3/14/2019			0.058 (X)				0.04 (X)		0.039 (X)
3/15/2019						<0.1			
3/19/2019									
3/20/2019									
3/21/2019									
6/18/2019	<0.1								
9/4/2019									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-23R	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-39Z (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-41 (bg)
9/5/2019									
9/6/2019	<0.1	<0.1							
9/9/2019						0.054 (X)		<0.1	
9/10/2019			<0.1				<0.1		<0.1
9/11/2019				<0.1	<0.1				
9/12/2019									
9/13/2019									
3/2/2020									
3/3/2020	<0.1								
3/4/2020									
3/5/2020		<0.1							
3/6/2020			<0.1						<0.1
3/9/2020				<0.1	<0.1	<0.1	<0.1	<0.1	
3/11/2020									
3/12/2020									
9/3/2020									
9/4/2020									
9/8/2020	<0.1								
9/9/2020		<0.1							
9/10/2020			<0.1			<0.1	<0.1		<0.1
9/11/2020				<0.1				<0.1	
9/14/2020					<0.1				
9/15/2020									
9/16/2020									
9/17/2020									
2/24/2021									
2/25/2021									
2/26/2021									
3/9/2021	<0.1								
3/10/2021		<0.1					<0.1	<0.1	
3/11/2021			<0.1	<0.1	<0.1				<0.1
3/12/2021						0.051 (J)			
3/16/2021									
3/17/2021									
3/26/2021									
3/29/2021									
7/27/2021									
7/28/2021									
7/29/2021									
7/30/2021		<0.1							
8/2/2021	<0.1								
8/4/2021			<0.1			<0.1	<0.1	<0.1	<0.1
8/5/2021					<0.1				
8/6/2021				<0.1					
8/9/2021									
8/10/2021									
1/25/2022									
1/26/2022									
1/27/2022									
1/28/2022	<0.1	<0.1							
1/31/2022			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2/1/2022									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWC-21R	GWC-23R	GWA-42 (bg)	GWA-43 (bg)	GWA-43R (bg)	GWA-39Z (bg)	GWA-41R (bg)	GWA-40 (bg)	GWA-41 (bg)
2/2/2022									
2/3/2022									
8/5/2022									
8/8/2022									
8/9/2022									
8/10/2022	0.057 (J)		0.068 (J)		0.062 (J)	0.075 (J)			
8/11/2022		0.073 (J)		<0.1			<0.1		<0.1
8/12/2022								0.068 (J)	
8/16/2022									
8/17/2022									
2/8/2023									
2/9/2023	0.064 (J)								
2/10/2023		0.078 (J)							
2/13/2023			0.056 (J)		<0.1	0.064 (J)	<0.1	0.054 (J)	0.05 (J)
2/14/2023				0.052 (J)					
2/16/2023									
2/17/2023									
7/25/2023				<0.1	<0.1		<0.1		<0.1
7/26/2023			<0.1			0.055 (J)		<0.1	
7/27/2023									
7/28/2023									
8/1/2023									
8/2/2023									
8/3/2023		<0.1							
8/4/2023	<0.1								
2/13/2024									
2/14/2024									
2/15/2024	<0.1								
2/16/2024		0.054 (J)							
2/19/2024						0.057 (J)	<0.1	<0.1	<0.1
2/20/2024			<0.1	<0.1	<0.1				
2/22/2024									
2/26/2024									
2/27/2024									
7/30/2024									
7/31/2024		<0.1							
8/1/2024			<0.1			<0.1	<0.1	<0.1	<0.1
8/2/2024	0.062 (J)			<0.1	<0.1				
8/6/2024									
8/7/2024									
8/8/2024									
2/19/2025									
2/20/2025									
2/24/2025									
2/25/2025	0.057 (J)	0.064 (J)	0.06 (J)	<0.1	<0.1	0.076 (J)	0.05 (J)	0.066 (J)	0.052 (J)
2/26/2025									
2/27/2025									
2/28/2025									

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-3A (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWC-17R	GWA-39RZ (bg)
2/29/2016									
3/1/2016									
3/2/2016									
3/3/2016									
3/4/2016								2.1421 (O)	
3/7/2016									
3/8/2016									
3/9/2016									
3/11/2016									
3/14/2016									
3/15/2016									
3/22/2016	0.0614 (J)								
3/23/2016		0.0826 (J)	0.0477 (J)	<0.1					
3/28/2016					0.0326 (J)	0.0314 (J)			
5/2/2016									
5/3/2016									
5/4/2016							0.057 (JD)		
5/5/2016									
5/6/2016									
5/9/2016									
5/10/2016								0.0258 (J)	
5/11/2016									
5/12/2016									
5/13/2016									
5/16/2016									0.0202 (JD)
5/19/2016	0.064 (J)	0.0409 (J)							
5/20/2016			0.033 (J)						
5/23/2016				<0.1		0.027 (J)			
5/25/2016					0.0285 (J)				
7/6/2016									
7/7/2016							0.09 (JD)		
7/8/2016									
7/11/2016									
7/12/2016									
7/13/2016									
7/14/2016								<0.1	
7/15/2016									
7/18/2016									
7/19/2016									
7/20/2016									
7/21/2016									
7/22/2016									
7/27/2016									0.08 (JD)
7/29/2016	0.11 (J)	0.07 (J)	0.16 (J)	<0.1					
8/1/2016					<0.1	<0.1			
9/7/2016									
9/8/2016							0.03 (JD)		
9/9/2016									
9/12/2016									
9/13/2016									
9/14/2016								<0.1	
9/15/2016									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-3A (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWC-17R	GWA-39RZ (bg)
9/16/2016									
9/19/2016									
9/21/2016									
9/22/2016		<0.1		<0.1					
9/23/2016	0.03 (J)		0.1 (J)						
9/26/2016					<0.1	<0.1			
10/25/2016									
10/26/2016							0.15 (JD)		
10/27/2016									
10/31/2016									
11/1/2016								0.06 (J)	
11/2/2016									
11/3/2016									
11/9/2016	0.1 (J)		0.04 (J)						
11/10/2016		0.03 (J)		<0.1		0.04 (J)			
11/11/2016					<0.1				
1/5/2017									
1/6/2017							0.11 (JD)		
1/9/2017									
1/11/2017								0.33	
1/12/2017									
1/13/2017									
1/17/2017									
1/18/2017									
1/25/2017									
1/30/2017	<0.1				<0.1	<0.1			
1/31/2017		<0.1	<0.1	<0.1					
2/9/2017									
2/21/2017									0.17 (JD)
2/22/2017									
3/14/2017									
3/15/2017							0.004 (JD)		
3/16/2017									
3/20/2017									
3/21/2017								0.03 (J)	
3/22/2017									
3/23/2017									
3/24/2017									
3/27/2017									0.09 (JD)
3/28/2017									
3/30/2017	0.01 (J)		0.02 (J)	<0.1					
4/3/2017		0.02 (J)			0.04 (J)				
4/7/2017						<0.1			
5/16/2017									
5/17/2017									
5/18/2017							0.007 (JD)		
5/19/2017									
5/22/2017									
5/23/2017								0.004 (J)	
5/24/2017									
6/6/2017									
6/7/2017									

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-3A (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWC-17R	GWA-39RZ (bg)
6/8/2017									0.05 (JD)
6/9/2017	0.04 (J)	0.06 (J)							
6/12/2017			0.17 (J)	<0.1	0.06 (J)	0.07 (J)			
6/14/2017									
7/12/2017									
7/17/2017									0.05 (JD)
7/19/2017							0.12 (JD)		
7/20/2017									
7/27/2017									0.08 (JD)
7/28/2017									
8/9/2017									<0.1 (*)
8/24/2017									
9/15/2017									
9/18/2017									
9/19/2017							0.07 (JD)		
9/20/2017									
9/21/2017									
9/22/2017								0.04 (J)	
9/25/2017									
9/26/2017									
9/29/2017									0.04 (JD)
10/2/2017	0.07 (J)	<0.1	<0.1		<0.1	<0.1			
10/3/2017									
10/4/2017				<0.1					
3/12/2018									
3/13/2018							0.16 (J)		
3/14/2018								<0.1	
3/15/2018									
3/16/2018	0.029 (J)	<0.1			<0.1	<0.1			0.27 (J)
3/19/2018			1.1 (O)	<0.1					
3/21/2018									
9/6/2018									
9/7/2018							<0.1		
9/10/2018									
9/11/2018								<0.1	
9/12/2018									
9/14/2018		<0.1	<0.1						0.1 (J)
9/17/2018	<0.1 (D)			<0.1		<0.1			
9/18/2018					<0.1				
3/6/2019									
3/7/2019									
3/8/2019							0.075 (J)		
3/11/2019									
3/12/2019								0.056 (J)	
3/13/2019									
3/14/2019									0.066 (X)
3/15/2019									
3/19/2019		0.056 (J)			<0.1	<0.1			
3/20/2019	<0.1		<0.1	<0.1					
3/21/2019									
6/18/2019									
9/4/2019							<0.1		

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-3A (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWC-17R	GWA-39RZ (bg)
9/5/2019									
9/6/2019									
9/9/2019									
9/10/2019								<0.1	0.055 (X)
9/11/2019									
9/12/2019	0.051 (J)		<0.1 (D)		<0.1				
9/13/2019		0.055 (J)		<0.1		<0.1			
3/2/2020									
3/3/2020							<0.1		
3/4/2020									
3/5/2020								<0.1	
3/6/2020									
3/9/2020									<0.1
3/11/2020	0.052 (J)	0.052 (J)	<0.1	<0.1	<0.1	<0.1			
3/12/2020									
9/3/2020									
9/4/2020									
9/8/2020									
9/9/2020							<0.1	<0.1	
9/10/2020									
9/11/2020									
9/14/2020									
9/15/2020	0.05 (J)	<0.1	<0.1		<0.1				
9/16/2020						<0.1			<0.1
9/17/2020									
2/24/2021									
2/25/2021							<0.1		
2/26/2021									
3/9/2021									
3/10/2021								<0.1	
3/11/2021									
3/12/2021									
3/16/2021	<0.1	<0.1							<0.1
3/17/2021			<0.1		<0.1	<0.1			
3/26/2021									
3/29/2021				0.053 (J)					
7/27/2021									
7/28/2021							<0.1		
7/29/2021									
7/30/2021								<0.1	
8/2/2021									
8/4/2021									
8/5/2021									
8/6/2021									<0.1
8/9/2021	<0.1	<0.1	<0.1	0.055 (J)	<0.1	<0.1			
8/10/2021									
1/25/2022									
1/26/2022							<0.1		
1/27/2022									
1/28/2022								<0.1	
1/31/2022									
2/1/2022	<0.1	<0.1	<0.1			<0.1			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-1 (bg)	GWA-2R (bg)	GWA-2 (bg)	GWA-3A (bg)	GWA-50R (bg)	GWA-50 (bg)	GWA-51RZ (bg)	GWC-17R	GWA-39RZ (bg)
2/2/2022				<0.1	<0.1				<0.1
2/3/2022									
8/5/2022									
8/8/2022									
8/9/2022							0.072 (J)		
8/10/2022									
8/11/2022								0.051 (J)	
8/12/2022									
8/16/2022	0.089 (J)	0.09 (J)	0.086 (J)	0.082 (J)		0.06 (J)			<0.1
8/17/2022					0.063 (J)				
2/8/2023									
2/9/2023									
2/10/2023								0.057 (J)	
2/13/2023									
2/14/2023									0.074 (J)
2/16/2023	0.07 (J)	0.079 (J)	0.061 (J)		<0.1	<0.1			
2/17/2023				0.055 (J)					
7/25/2023									<0.1
7/26/2023									
7/27/2023	0.054 (J)	0.062 (J)	0.057 (J)						
7/28/2023					<0.1	<0.1			
8/1/2023				<0.1					
8/2/2023									
8/3/2023								<0.1	
8/4/2023									
2/13/2024									
2/14/2024									
2/15/2024								<0.1	
2/16/2024									
2/19/2024									<0.1
2/20/2024									
2/22/2024	0.061 (J)		0.062 (J)	<0.1	<0.1	<0.1			
2/26/2024		0.05 (J)							
2/27/2024									
7/30/2024									
7/31/2024								<0.1	
8/1/2024									<0.1
8/2/2024									
8/6/2024		0.076 (J)							
8/7/2024	0.08 (J)		0.083 (J)						
8/8/2024				0.063 (J)	<0.1	<0.1			
2/19/2025									
2/20/2025									
2/24/2025									
2/25/2025								0.06 (J)	
2/26/2025				<0.1					0.061 (J)
2/27/2025	0.075 (J)	0.095 (J)	0.076 (J)			<0.1			
2/28/2025					<0.1				

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ (bg)
2/29/2016	
3/1/2016	
3/2/2016	
3/3/2016	
3/4/2016	
3/7/2016	
3/8/2016	
3/9/2016	
3/11/2016	
3/14/2016	
3/15/2016	
3/22/2016	
3/23/2016	
3/28/2016	
5/2/2016	
5/3/2016	
5/4/2016	
5/5/2016	
5/6/2016	
5/9/2016	
5/10/2016	
5/11/2016	
5/12/2016	
5/13/2016	
5/16/2016	
5/19/2016	
5/20/2016	
5/23/2016	
5/25/2016	
7/6/2016	
7/7/2016	
7/8/2016	
7/11/2016	
7/12/2016	
7/13/2016	
7/14/2016	
7/15/2016	
7/18/2016	
7/19/2016	
7/20/2016	
7/21/2016	
7/22/2016	
7/27/2016	
7/29/2016	
8/1/2016	
9/7/2016	
9/8/2016	
9/9/2016	
9/12/2016	
9/13/2016	
9/14/2016	
9/15/2016	

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ (bg)
9/16/2016	
9/19/2016	
9/21/2016	
9/22/2016	
9/23/2016	
9/26/2016	
10/25/2016	
10/26/2016	
10/27/2016	
10/31/2016	
11/1/2016	
11/2/2016	
11/3/2016	
11/9/2016	
11/10/2016	
11/11/2016	
1/5/2017	
1/6/2017	
1/9/2017	
1/11/2017	
1/12/2017	
1/13/2017	
1/17/2017	
1/18/2017	
1/25/2017	
1/30/2017	
1/31/2017	
2/9/2017	
2/21/2017	
2/22/2017	0.3 (D)
3/14/2017	
3/15/2017	
3/16/2017	
3/20/2017	
3/21/2017	
3/22/2017	
3/23/2017	
3/24/2017	
3/27/2017	
3/28/2017	
3/30/2017	
4/3/2017	
4/7/2017	0.19 (JD)
5/16/2017	
5/17/2017	
5/18/2017	
5/19/2017	
5/22/2017	
5/23/2017	
5/24/2017	
6/6/2017	
6/7/2017	

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ (bg)
6/8/2017	
6/9/2017	
6/12/2017	
6/14/2017	0.19 (JD)
7/12/2017	0.18 (JD)
7/17/2017	
7/19/2017	
7/20/2017	0.17 (JD)
7/27/2017	
7/28/2017	0.13 (JD)
8/9/2017	0.245 (JD)
8/24/2017	0.16 (JD)
9/15/2017	
9/18/2017	
9/19/2017	
9/20/2017	
9/21/2017	
9/22/2017	
9/25/2017	
9/26/2017	
9/29/2017	
10/2/2017	
10/3/2017	0.17 (JD)
10/4/2017	
3/12/2018	
3/13/2018	
3/14/2018	
3/15/2018	
3/16/2018	
3/19/2018	
3/21/2018	0.24 (J)
9/6/2018	
9/7/2018	
9/10/2018	
9/11/2018	
9/12/2018	
9/14/2018	
9/17/2018	
9/18/2018	<0.1
3/6/2019	
3/7/2019	
3/8/2019	
3/11/2019	
3/12/2019	
3/13/2019	
3/14/2019	
3/15/2019	
3/19/2019	
3/20/2019	
3/21/2019	0.19 (JD)
6/18/2019	
9/4/2019	

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ (bg)
9/5/2019	
9/6/2019	
9/9/2019	
9/10/2019	
9/11/2019	
9/12/2019	0.1 (JD)
9/13/2019	
3/2/2020	
3/3/2020	
3/4/2020	
3/5/2020	
3/6/2020	
3/9/2020	
3/11/2020	
3/12/2020	0.18 (J)
9/3/2020	
9/4/2020	
9/8/2020	
9/9/2020	
9/10/2020	
9/11/2020	
9/14/2020	
9/15/2020	
9/16/2020	
9/17/2020	0.12 (J)
2/24/2021	
2/25/2021	
2/26/2021	
3/9/2021	
3/10/2021	
3/11/2021	
3/12/2021	
3/16/2021	0.1
3/17/2021	
3/26/2021	
3/29/2021	
7/27/2021	
7/28/2021	
7/29/2021	
7/30/2021	
8/2/2021	
8/4/2021	
8/5/2021	
8/6/2021	
8/9/2021	
8/10/2021	0.087 (J)
1/25/2022	
1/26/2022	
1/27/2022	
1/28/2022	
1/31/2022	
2/1/2022	

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 5/20/2025 6:21 PM View: Appendix III Interwell

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

	GWA-4RZ (bg)
2/2/2022	
2/3/2022	0.15
8/5/2022	
8/8/2022	
8/9/2022	
8/10/2022	
8/11/2022	
8/12/2022	
8/16/2022	
8/17/2022	0.11
2/8/2023	
2/9/2023	
2/10/2023	
2/13/2023	
2/14/2023	
2/16/2023	
2/17/2023	0.11
7/25/2023	
7/26/2023	
7/27/2023	
7/28/2023	0.077 (J)
8/1/2023	
8/2/2023	
8/3/2023	
8/4/2023	
2/13/2024	
2/14/2024	
2/15/2024	
2/16/2024	
2/19/2024	
2/20/2024	
2/22/2024	
2/26/2024	
2/27/2024	0.087 (J)
7/30/2024	
7/31/2024	
8/1/2024	
8/2/2024	
8/6/2024	
8/7/2024	
8/8/2024	0.16
2/19/2025	
2/20/2025	
2/24/2025	
2/25/2025	
2/26/2025	
2/27/2025	
2/28/2025	0.081 (J)

FIGURE J.

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/19/2025, 4:41 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Calcium (mg/L)	GWA-2R (bg)	2.551	124	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-42 (bg)	1.09	183	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-43 (bg)	-0.734	-187	-98	Yes	23	0	n/a	0.01	NP
Calcium (mg/L)	GWA-43R (bg)	0.5262	113	111	Yes	25	0	n/a	0.01	NP
Calcium (mg/L)	GWA-4RZ (bg)	1.274	117	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-50 (bg)	-0.08766	-121	-105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-50R (bg)	-0.5058	-159	-105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-51RZ (bg)	1.383	83	74	Yes	19	0	n/a	0.01	NP
Calcium (mg/L)	GWA-55 (bg)	2.879	106	74	Yes	19	0	n/a	0.01	NP
Calcium (mg/L)	GWA-55R (bg)	1.995	83	74	Yes	19	0	n/a	0.01	NP
Calcium (mg/L)	GWC-16R	2.581	190	105	Yes	24	0	n/a	0.01	NP
pH (pH_units)	GWA-1 (bg)	-0.02832	-144	-105	Yes	24	0	n/a	0.01	NP
pH (pH_units)	GWA-2R (bg)	-0.07073	-118	-105	Yes	24	0	n/a	0.01	NP
pH (pH_units)	GWA-39RZ (bg)	-0.04637	-134	-124	Yes	27	0	n/a	0.01	NP
pH (pH_units)	GWA-40 (bg)	-0.06332	-137	-118	Yes	26	0	n/a	0.01	NP
pH (pH_units)	GWA-41R (bg)	-0.07674	-126	-105	Yes	24	0	n/a	0.01	NP
pH (pH_units)	GWA-43 (bg)	-0.1317	-205	-105	Yes	24	0	n/a	0.01	NP
pH (pH_units)	GWA-4RZ (bg)	-0.04242	-162	-146	Yes	30	0	n/a	0.01	NP
pH (pH_units)	GWA-50 (bg)	-0.1002	-169	-105	Yes	24	0	n/a	0.01	NP
pH (pH_units)	GWA-50R (bg)	-0.1777	-168	-105	Yes	24	0	n/a	0.01	NP
pH (pH_units)	GWA-54 (bg)	-0.04576	-75	-74	Yes	19	0	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR Printed 5/19/2025, 4:41 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Calcium (mg/L)	GWA-1 (bg)	0.418	95	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-2 (bg)	1.968	52	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**GWA-2R (bg)**	**2.551**	**124**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-39RZ (bg)	0.239	55	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-39Z (bg)	0.1539	16	111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	GWA-3A (bg)	2.18	91	98	No	23	0	n/a	0.01	NP
Calcium (mg/L)	GWA-40 (bg)	-0.1109	-16	-105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-41 (bg)	0.3204	20	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-41R (bg)	0.4163	43	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**GWA-42 (bg)**	**1.09**	**183**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-43 (bg)**	**-0.734**	**-187**	**-98**	**Yes**	**23**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-43R (bg)**	**0.5262**	**113**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-4RZ (bg)**	**1.274**	**117**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-50 (bg)**	**-0.08766**	**-121**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-50R (bg)**	**-0.5058**	**-159**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-51RZ (bg)**	**1.383**	**83**	**74**	**Yes**	**19**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-52 (bg)	0.3552	48	74	No	19	0	n/a	0.01	NP
Calcium (mg/L)	GWA-53 (bg)	0.2237	38	74	No	19	0	n/a	0.01	NP
Calcium (mg/L)	GWA-53R (bg)	0.4349	61	74	No	19	0	n/a	0.01	NP
Calcium (mg/L)	GWA-54 (bg)	-0.2535	-50	-74	No	19	0	n/a	0.01	NP
Calcium (mg/L)	**GWA-55 (bg)**	**2.879**	**106**	**74**	**Yes**	**19**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-55R (bg)**	**1.995**	**83**	**74**	**Yes**	**19**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-56 (bg)	0.6697	25	74	No	19	0	n/a	0.01	NP
Calcium (mg/L)	**GWC-16R**	**2.581**	**190**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-17R	0.5418	85	105	No	24	0	n/a	0.01	NP
pH (pH_units)	**GWA-1 (bg)**	**-0.02832**	**-144**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	GWA-2 (bg)	0.0008477	2	105	No	24	0	n/a	0.01	NP
pH (pH_units)	**GWA-2R (bg)**	**-0.07073**	**-118**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	**GWA-39RZ (bg)**	**-0.04637**	**-134**	**-124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	GWA-39Z (bg)	-0.05762	-68	-105	No	24	0	n/a	0.01	NP
pH (pH_units)	GWA-3A (bg)	0.2436	51	98	No	23	0	n/a	0.01	NP
pH (pH_units)	**GWA-40 (bg)**	**-0.06332**	**-137**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	GWA-41 (bg)	-0.05736	-80	-98	No	23	0	n/a	0.01	NP
pH (pH_units)	**GWA-41R (bg)**	**-0.07674**	**-126**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	GWA-42 (bg)	-0.02405	-102	-105	No	24	0	n/a	0.01	NP
pH (pH_units)	**GWA-43 (bg)**	**-0.1317**	**-205**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	GWA-43R (bg)	-0.006884	-55	-111	No	25	0	n/a	0.01	NP
pH (pH_units)	**GWA-4RZ (bg)**	**-0.04242**	**-162**	**-146**	**Yes**	**30**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	**GWA-50 (bg)**	**-0.1002**	**-169**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	**GWA-50R (bg)**	**-0.1777**	**-168**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	GWA-51RZ (bg)	-0.01096	-9	-81	No	20	0	n/a	0.01	NP
pH (pH_units)	GWA-52 (bg)	-0.02658	-65	-74	No	19	0	n/a	0.01	NP
pH (pH_units)	GWA-53 (bg)	-0.02035	-69	-74	No	19	0	n/a	0.01	NP
pH (pH_units)	GWA-53R (bg)	-0.02694	-72	-74	No	19	0	n/a	0.01	NP
pH (pH_units)	**GWA-54 (bg)**	**-0.04576**	**-75**	**-74**	**Yes**	**19**	**0**	**n/a**	**0.01**	**NP**
pH (pH_units)	GWA-55 (bg)	-0.05556	-65	-74	No	19	0	n/a	0.01	NP
pH (pH_units)	GWA-55R (bg)	-0.07241	-72	-74	No	19	0	n/a	0.01	NP
pH (pH_units)	GWA-56 (bg)	-0.03349	-38	-81	No	20	0	n/a	0.01	NP
pH (pH_units)	GWC-21R	-0.01394	-41	-105	No	24	0	n/a	0.01	NP

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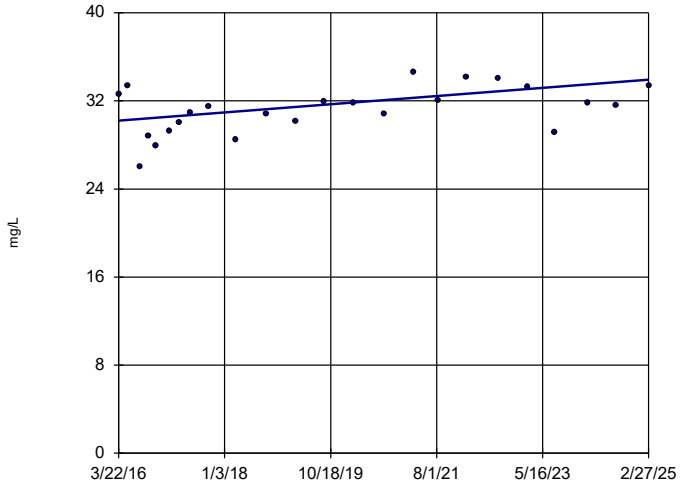
Sen's Slope Estimator

GWA-1 (bg)



n = 24

Slope = 0.418 units per year.

Mann-Kendall statistic = 95 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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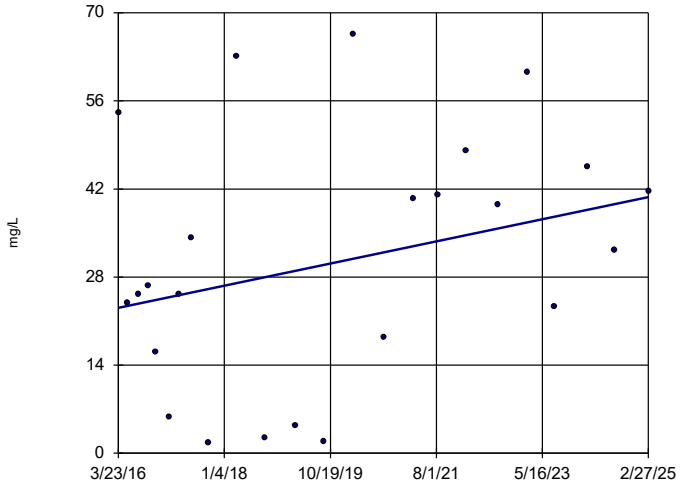
Sen's Slope Estimator

GWA-2 (bg)



n = 24

Slope = 1.968 units per year.

Mann-Kendall statistic = 52 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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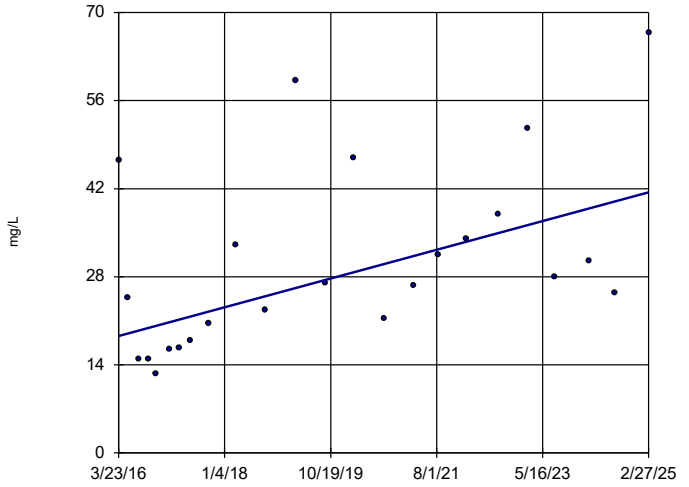
Sen's Slope Estimator

GWA-2R (bg)



n = 24

Slope = 2.551 units per year.

Mann-Kendall statistic = 124 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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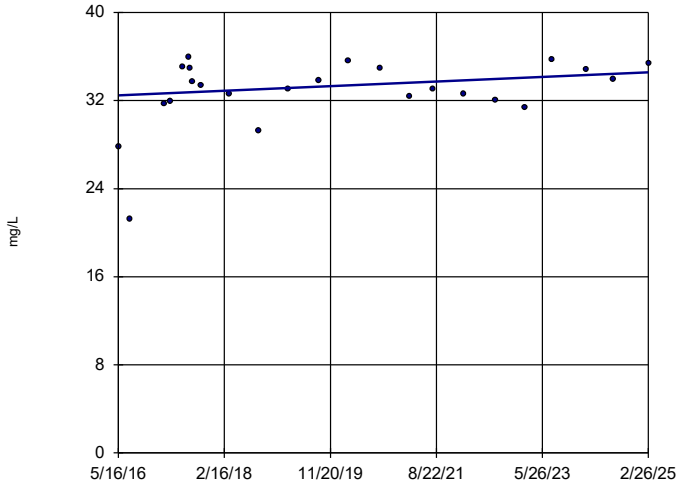
Sen's Slope Estimator

GWA-39RZ (bg)



n = 24

Slope = 0.239 units per year.

Mann-Kendall statistic = 55 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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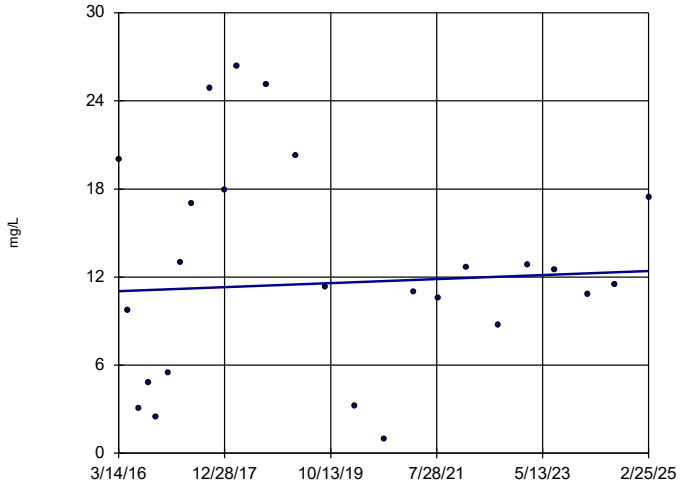
Sen's Slope Estimator

GWA-39Z (bg)



n = 25

Slope = 0.1539 units per year.

Mann-Kendall statistic = 16
critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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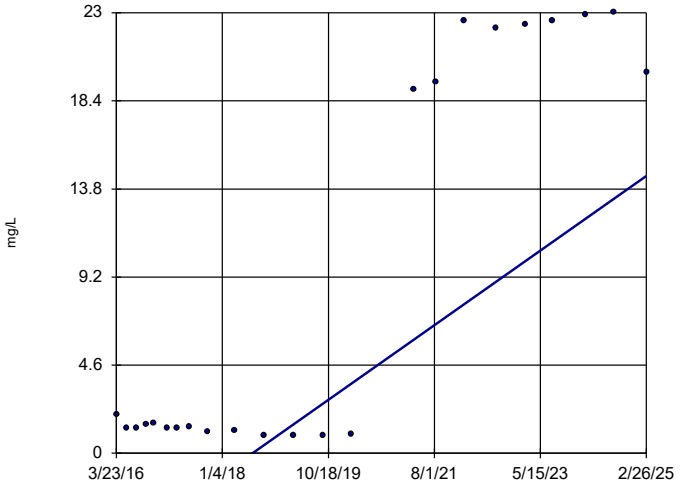
Sen's Slope Estimator

GWA-3A (bg)



n = 23

Slope = 2.18 units per year.

Mann-Kendall statistic = 91
critical = 98

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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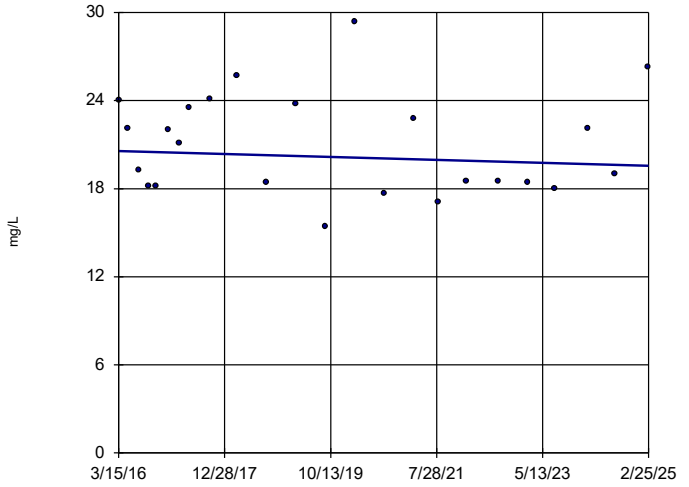
Sen's Slope Estimator

GWA-40 (bg)



n = 24

Slope = -0.1109 units per year.

Mann-Kendall statistic = -16
critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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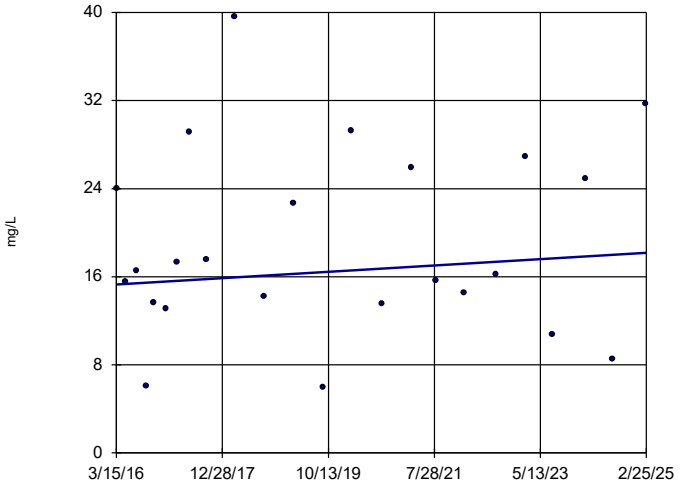
Sen's Slope Estimator

GWA-41 (bg)



n = 24

Slope = 0.3204 units per year.

Mann-Kendall statistic = 20
critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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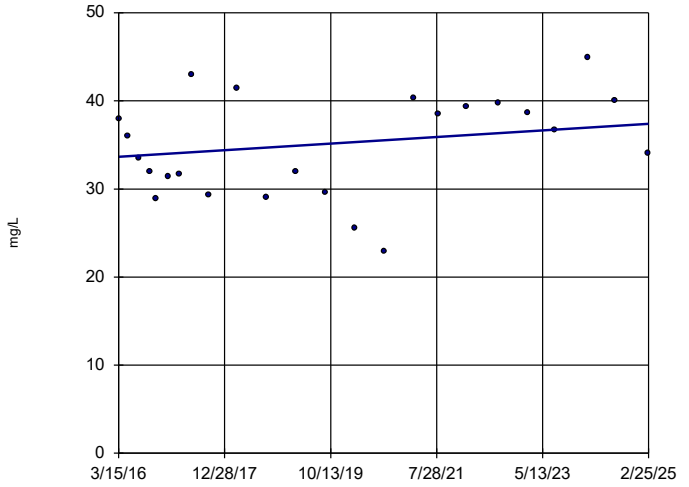
Sen's Slope Estimator

GWA-41R (bg)



n = 24

Slope = 0.4163 units per year.

Mann-Kendall statistic = 43 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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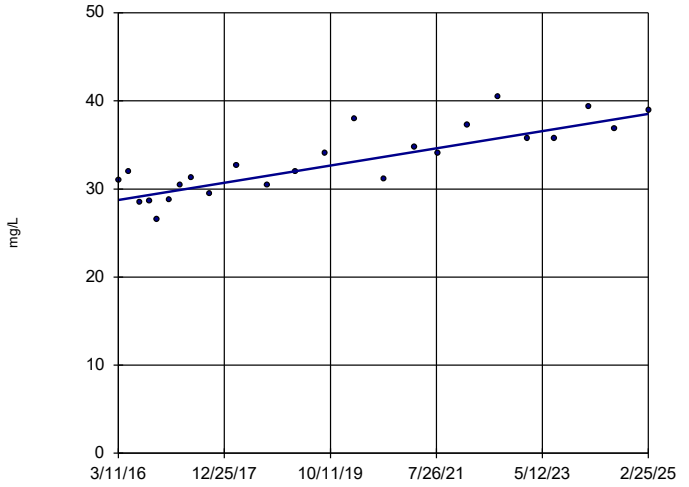
Sen's Slope Estimator

GWA-42 (bg)



n = 24

Slope = 1.09 units per year.

Mann-Kendall statistic = 183 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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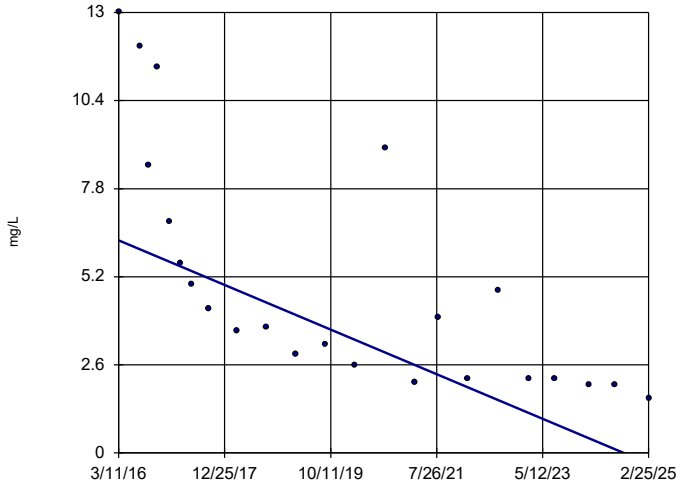
Sen's Slope Estimator

GWA-43 (bg)



n = 23

Slope = -0.734 units per year.

Mann-Kendall statistic = -187 critical = -98

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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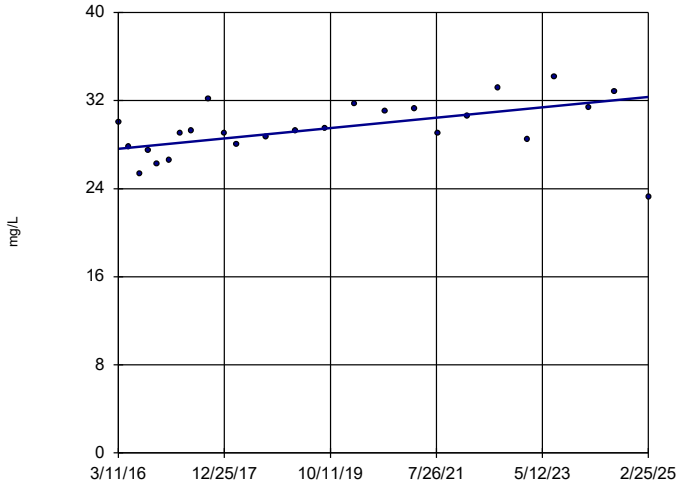
Sen's Slope Estimator

GWA-43R (bg)



n = 25

Slope = 0.5262 units per year.

Mann-Kendall statistic = 113 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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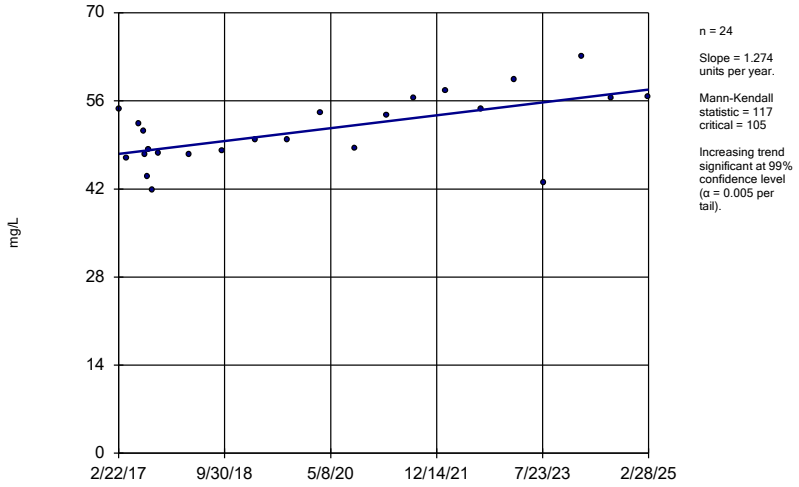
Sen's Slope Estimator

GWA-4RZ (bg)



n = 24

Slope = 1.274 units per year.

Mann-Kendall statistic = 117 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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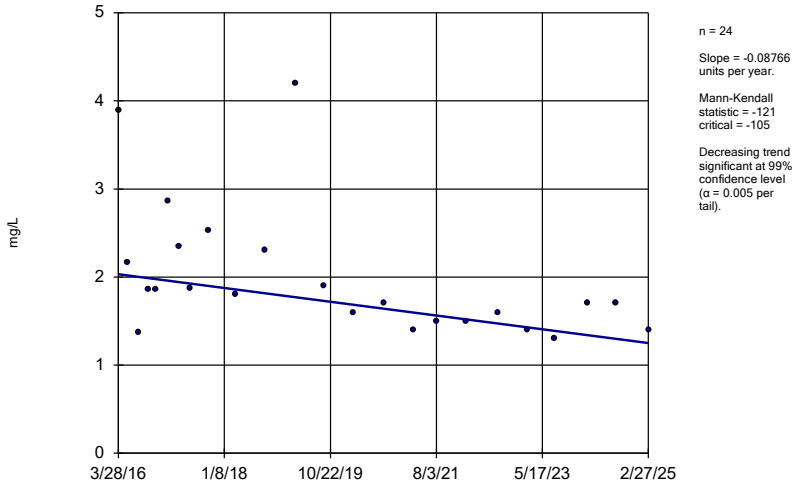
Sen's Slope Estimator

GWA-50 (bg)



n = 24

Slope = -0.08766 units per year.

Mann-Kendall statistic = -121 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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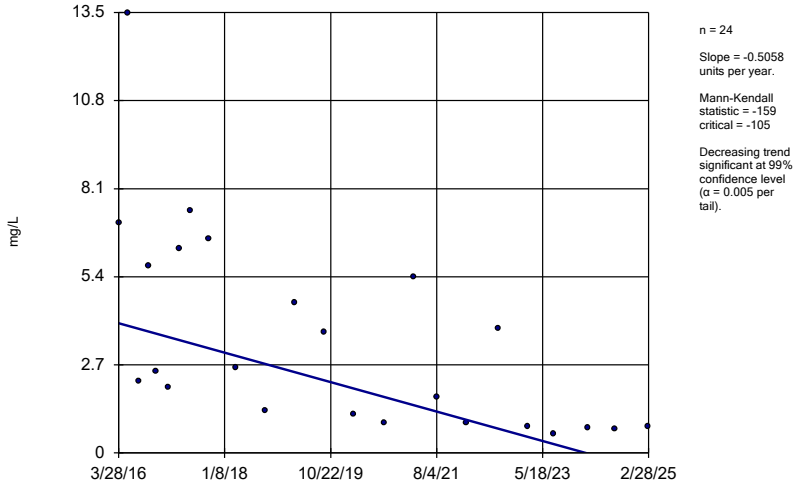
Sen's Slope Estimator

GWA-50R (bg)



n = 24

Slope = -0.5058 units per year.

Mann-Kendall statistic = -159 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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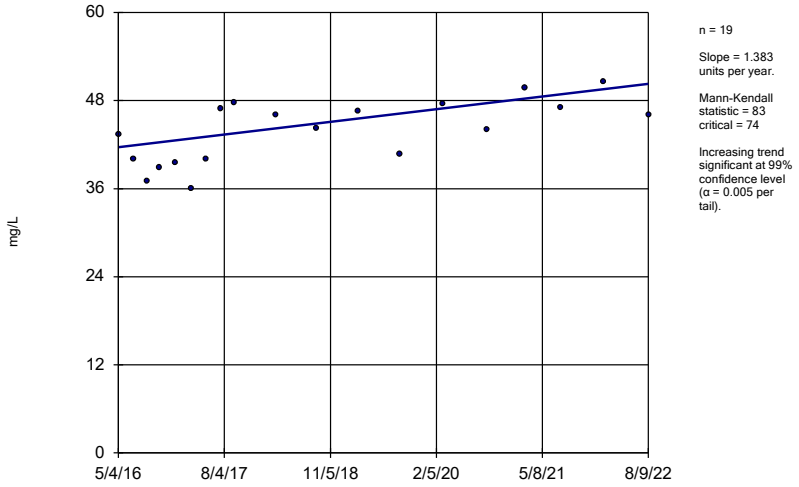
Sen's Slope Estimator

GWA-51RZ (bg)



n = 19

Slope = 1.383 units per year.

Mann-Kendall statistic = 83 critical = 74

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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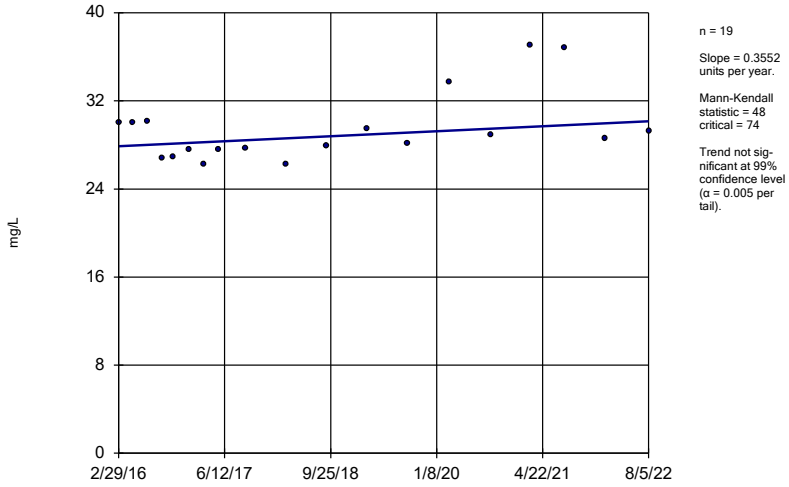
Sen's Slope Estimator

GWA-52 (bg)



n = 19

Slope = 0.3552 units per year.

Mann-Kendall statistic = 48 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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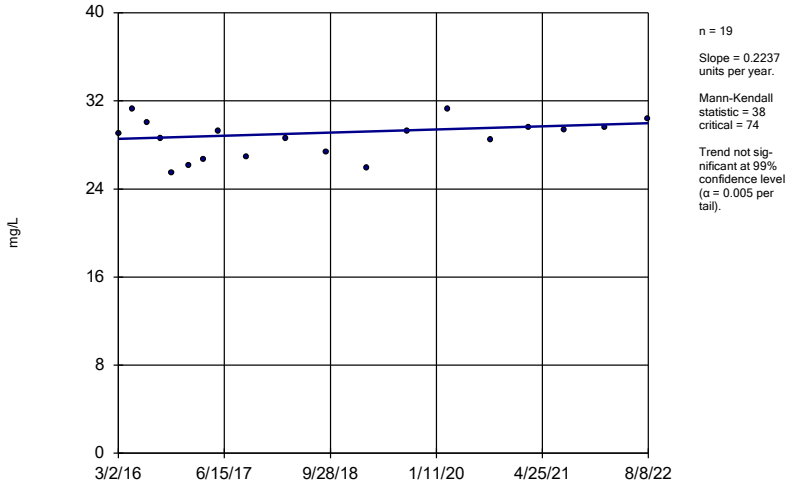
Sen's Slope Estimator

GWA-53 (bg)



n = 19

Slope = 0.2237 units per year.

Mann-Kendall statistic = 38 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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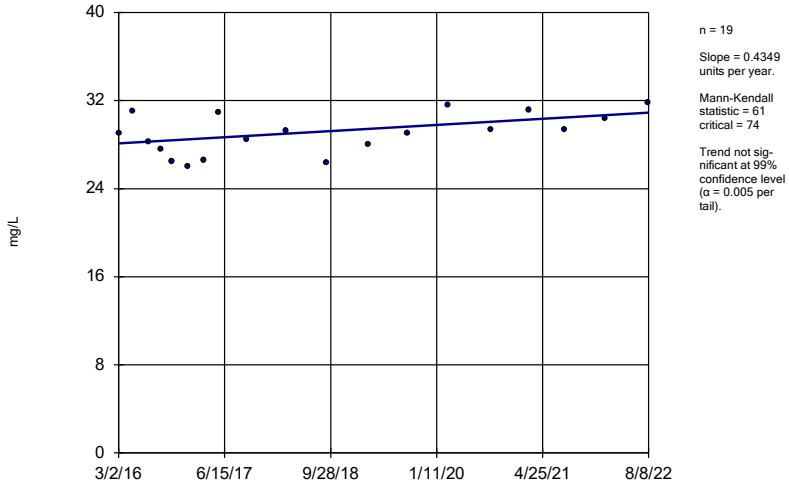
Sen's Slope Estimator

GWA-53R (bg)



n = 19

Slope = 0.4349 units per year.

Mann-Kendall statistic = 61 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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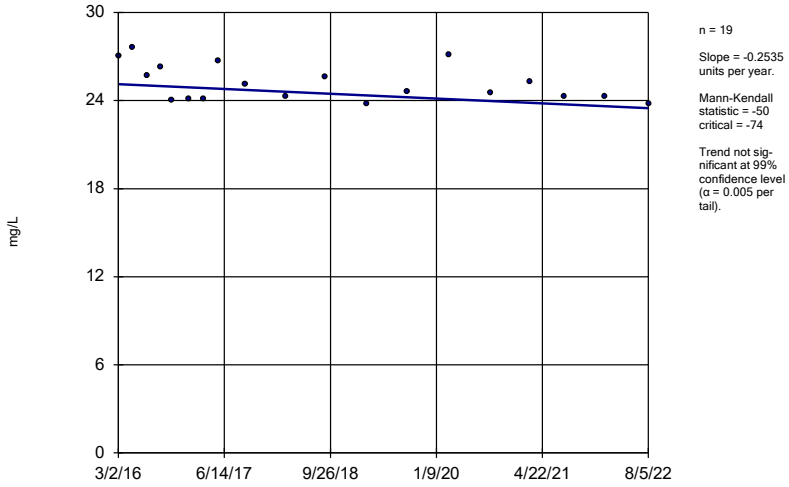
Sen's Slope Estimator

GWA-54 (bg)



n = 19

Slope = -0.2535 units per year.

Mann-Kendall statistic = -50 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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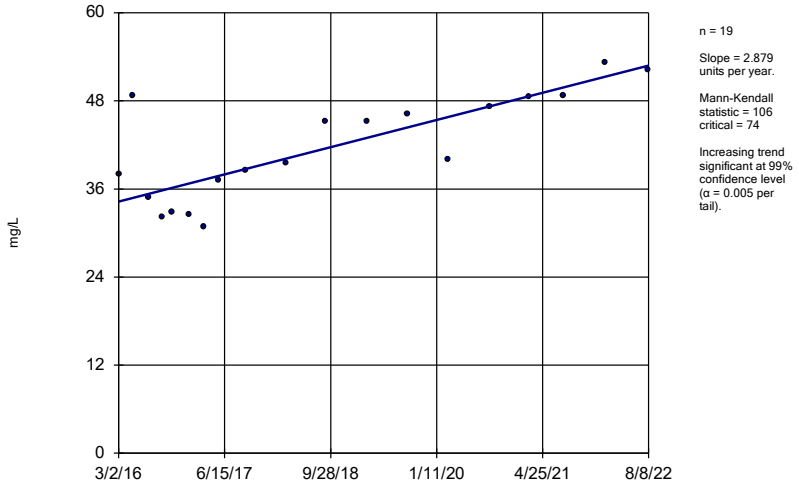
Sen's Slope Estimator

GWA-55 (bg)



n = 19

Slope = 2.879 units per year.

Mann-Kendall statistic = 106 critical = 74

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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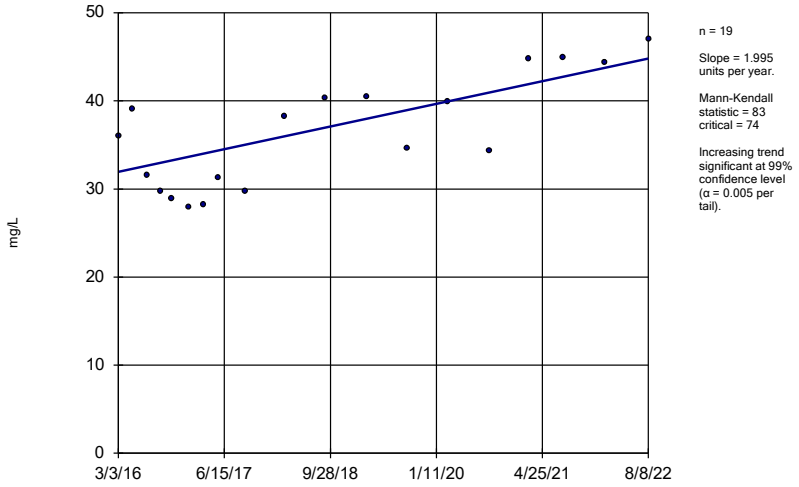
Sen's Slope Estimator

GWA-55R (bg)



n = 19

Slope = 1.995 units per year.

Mann-Kendall statistic = 83 critical = 74

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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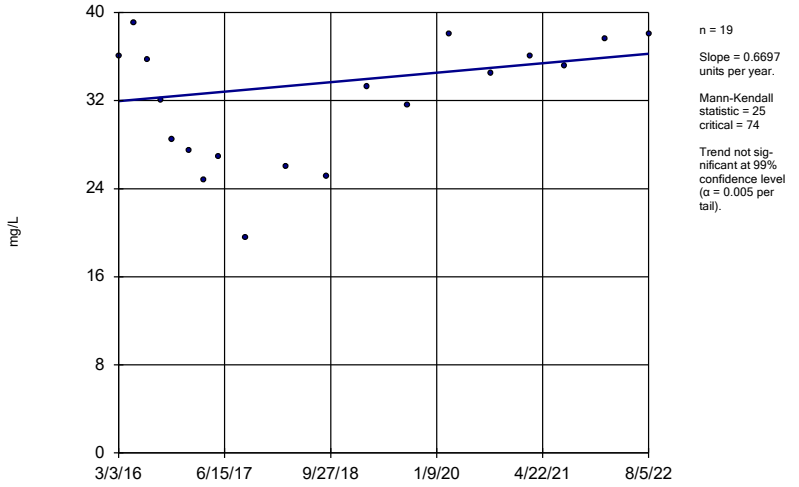
Sen's Slope Estimator

GWA-56 (bg)



n = 19

Slope = 0.6697 units per year.

Mann-Kendall statistic = 25 critical = 74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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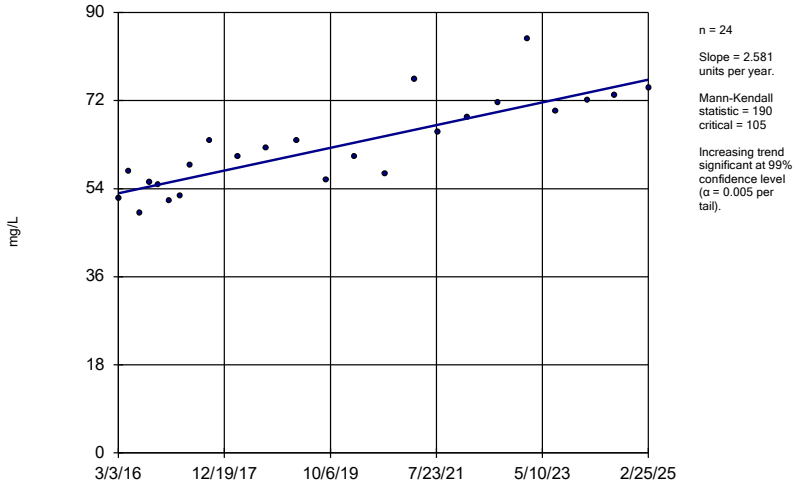
Sen's Slope Estimator

GWC-16R



n = 24

Slope = 2.581 units per year.

Mann-Kendall statistic = 190 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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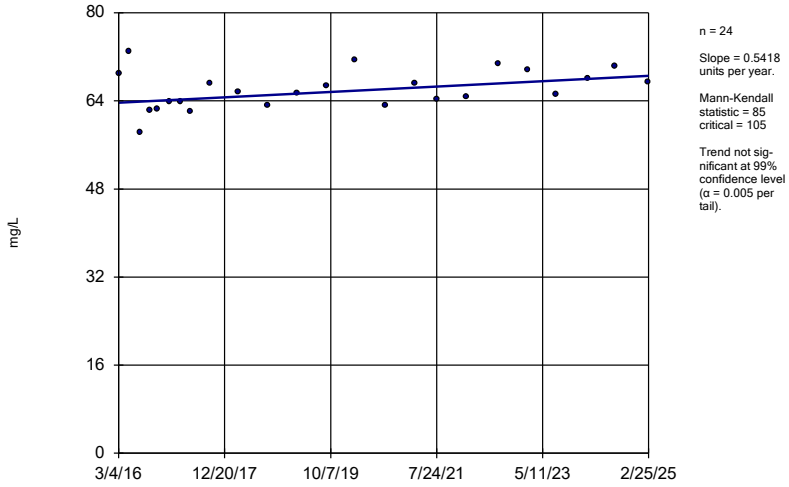
Sen's Slope Estimator

GWC-17R



Constituent: Calcium Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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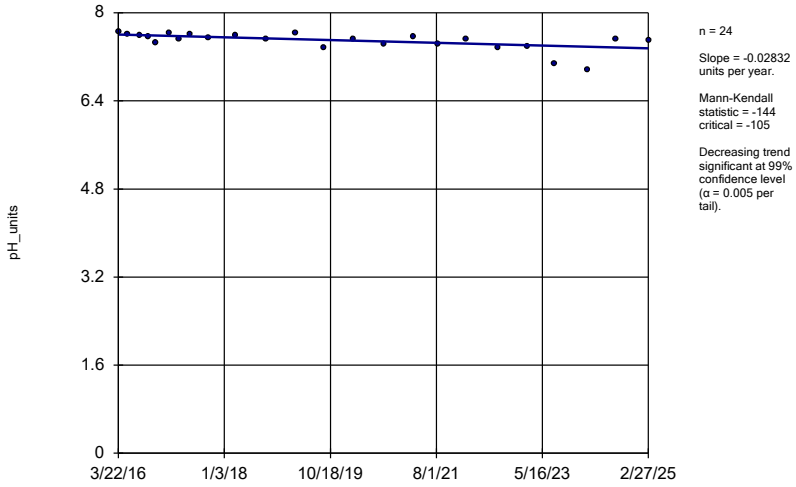
Sen's Slope Estimator

GWA-1 (bg)



Constituent: pH Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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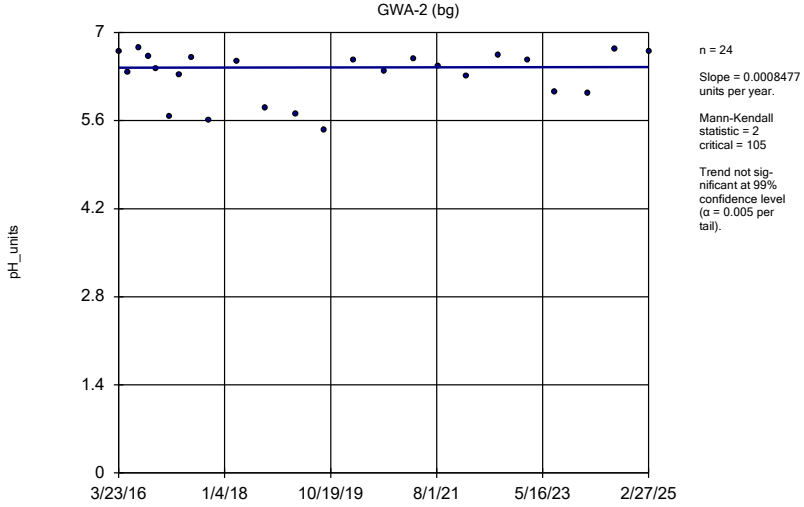
Sen's Slope Estimator

GWA-2 (bg)



Constituent: pH Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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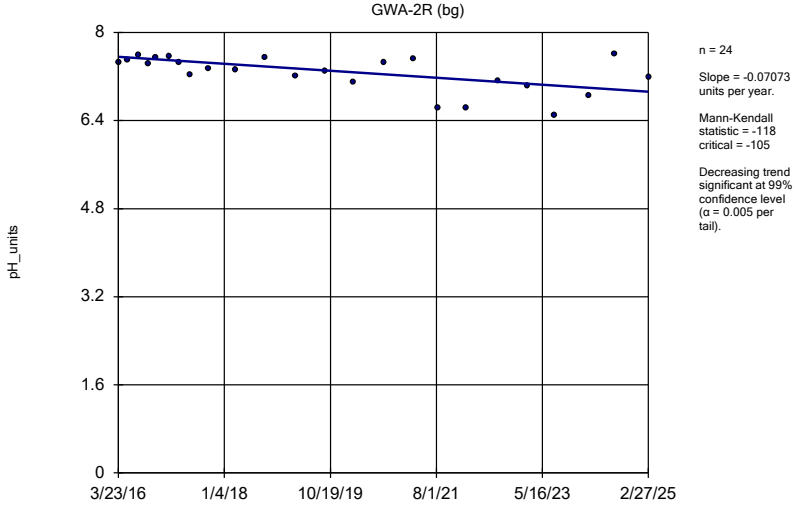
Sen's Slope Estimator

GWA-2R (bg)



Constituent: pH Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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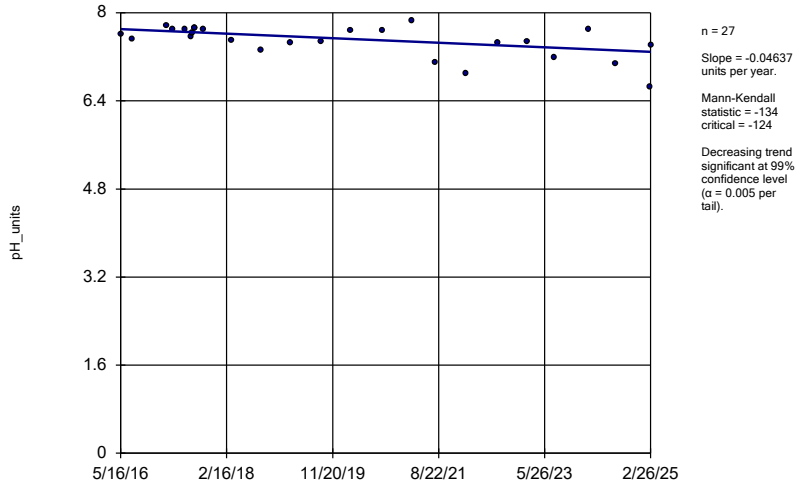
Sen's Slope Estimator

GWA-39RZ (bg)



n = 27

Slope = -0.04637 units per year.

Mann-Kendall statistic = -134 critical = -124

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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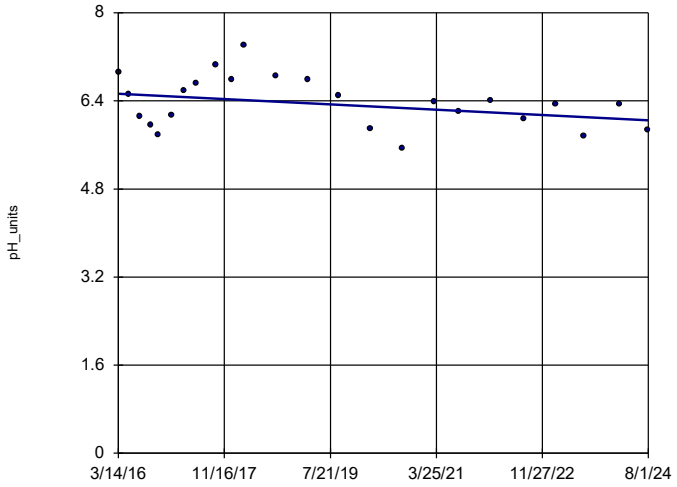
Sen's Slope Estimator

GWA-39Z (bg)



n = 24

Slope = -0.05762 units per year.

Mann-Kendall statistic = -68 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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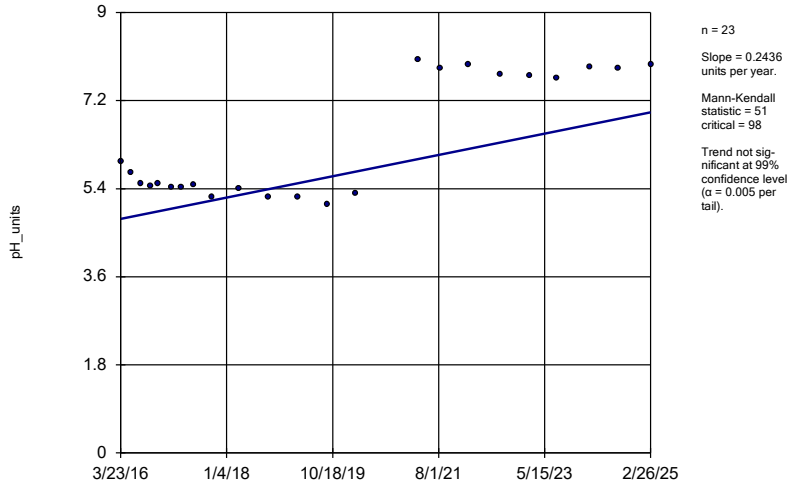
Sen's Slope Estimator

GWA-3A (bg)



n = 23

Slope = 0.2436 units per year.

Mann-Kendall statistic = 51 critical = 98

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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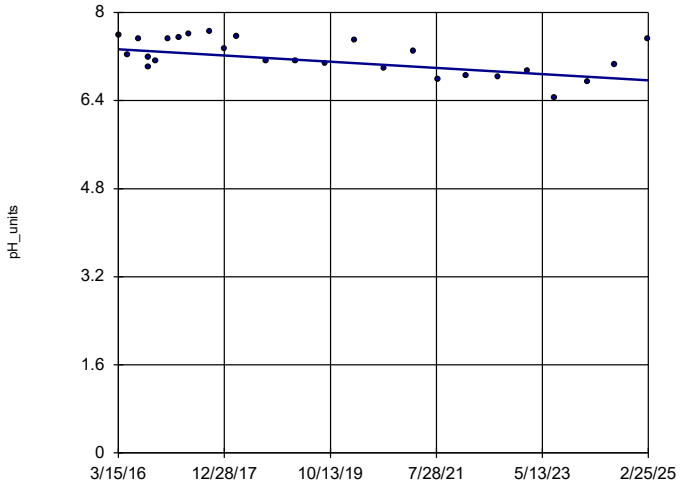
Sen's Slope Estimator

GWA-40 (bg)



n = 26

Slope = -0.06332 units per year.

Mann-Kendall statistic = -137 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:35 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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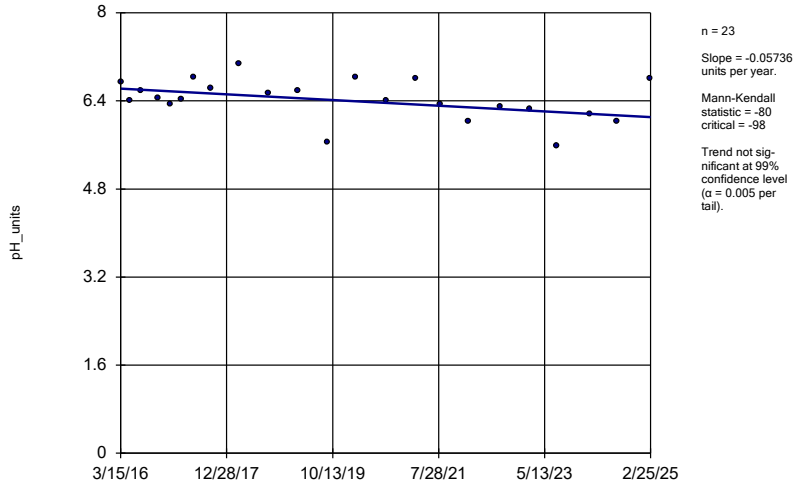
Sen's Slope Estimator

GWA-41 (bg)



n = 23

Slope = -0.05736 units per year.

Mann-Kendall statistic = -80
critical = -98

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:36 PM View: Appendix III - Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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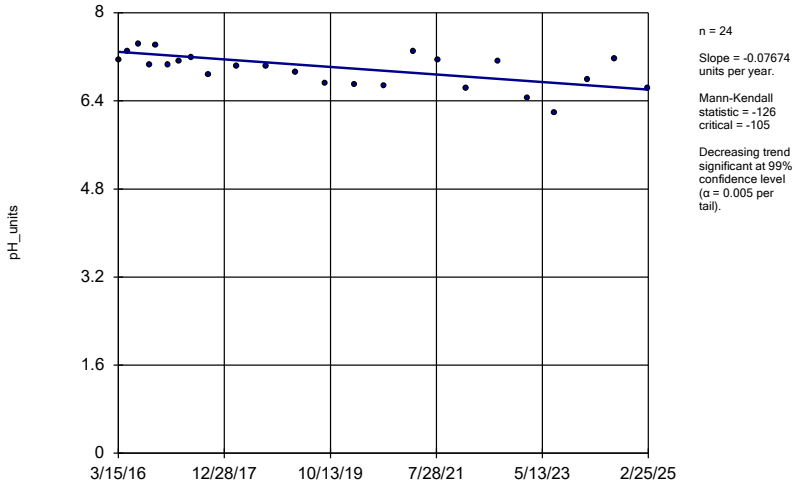
Sen's Slope Estimator

GWA-41R (bg)



n = 24

Slope = -0.07674 units per year.

Mann-Kendall statistic = -126
critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:36 PM View: Appendix III - Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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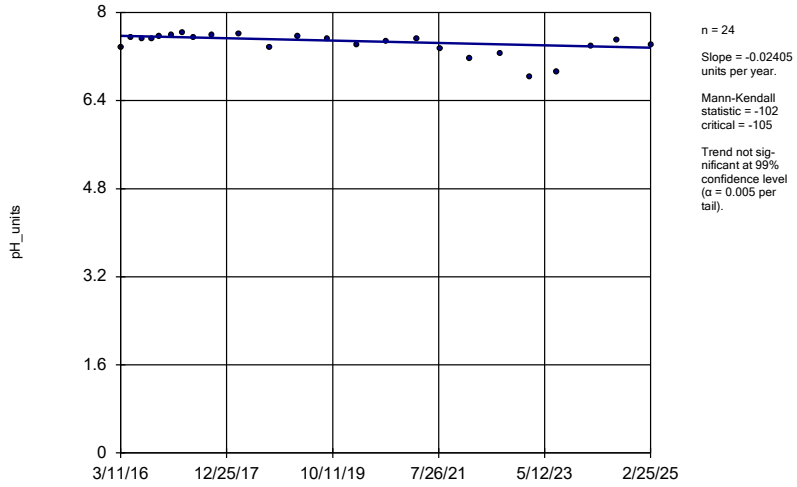
Sen's Slope Estimator

GWA-42 (bg)



n = 24

Slope = -0.02405 units per year.

Mann-Kendall statistic = -102
critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:36 PM View: Appendix III - Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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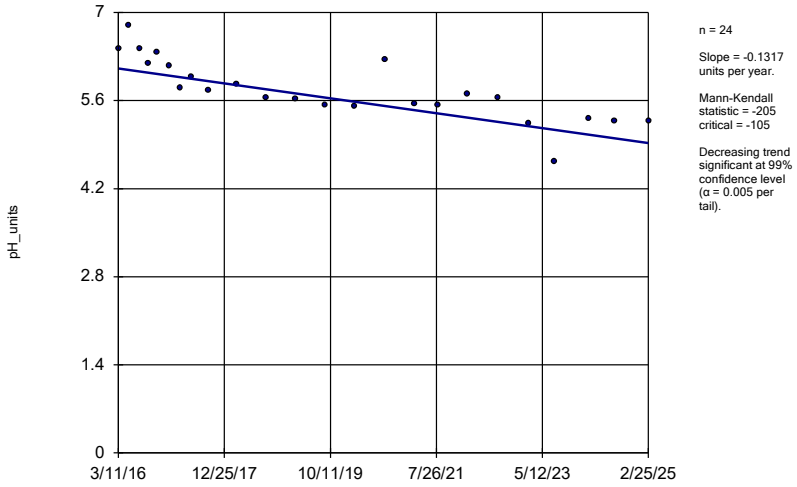
Sen's Slope Estimator

GWA-43 (bg)



n = 24

Slope = -0.1317 units per year.

Mann-Kendall statistic = -205
critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:36 PM View: Appendix III - Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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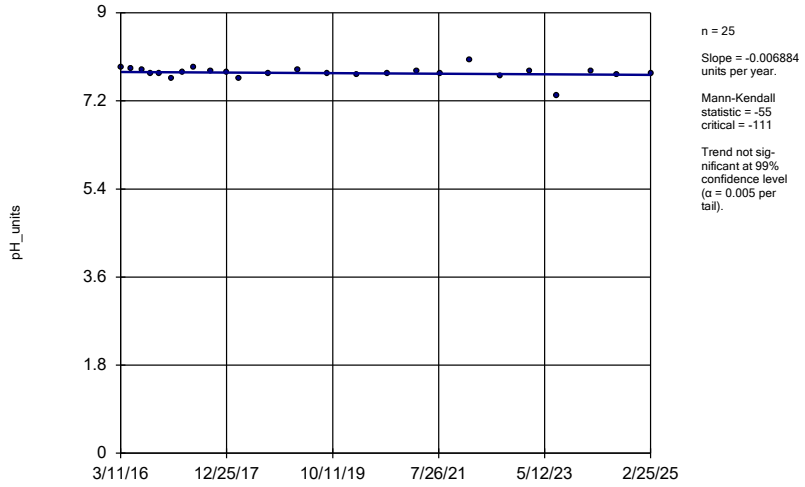
Sen's Slope Estimator

GWA-43R (bg)



n = 25

Slope = -0.006884 units per year.

Mann-Kendall statistic = -55
critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:36 PM View: Appendix III - Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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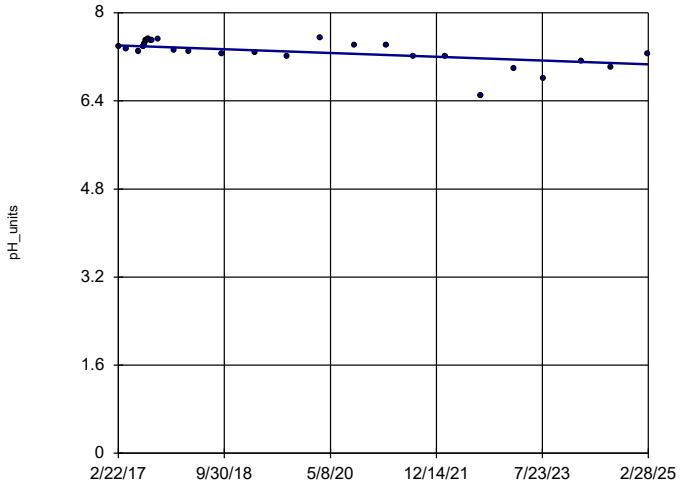
Sen's Slope Estimator

GWA-4RZ (bg)



n = 30

Slope = -0.04242 units per year.

Mann-Kendall statistic = -162
critical = -146

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:36 PM View: Appendix III - Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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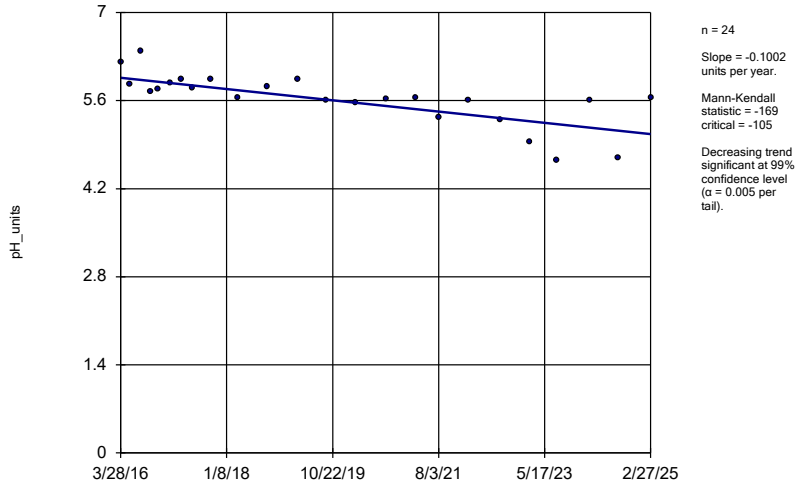
Sen's Slope Estimator

GWA-50 (bg)



n = 24

Slope = -0.1002 units per year.

Mann-Kendall statistic = -169
critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:36 PM View: Appendix III - Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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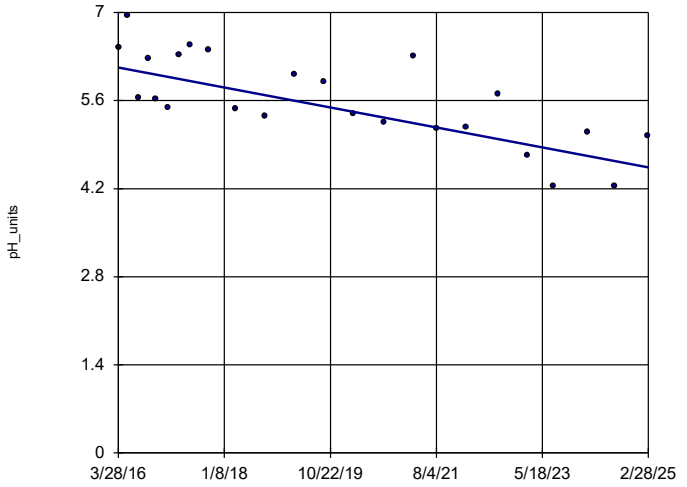
Sen's Slope Estimator

GWA-50R (bg)



n = 24

Slope = -0.1777 units per year.

Mann-Kendall statistic = -168
critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:36 PM View: Appendix III - Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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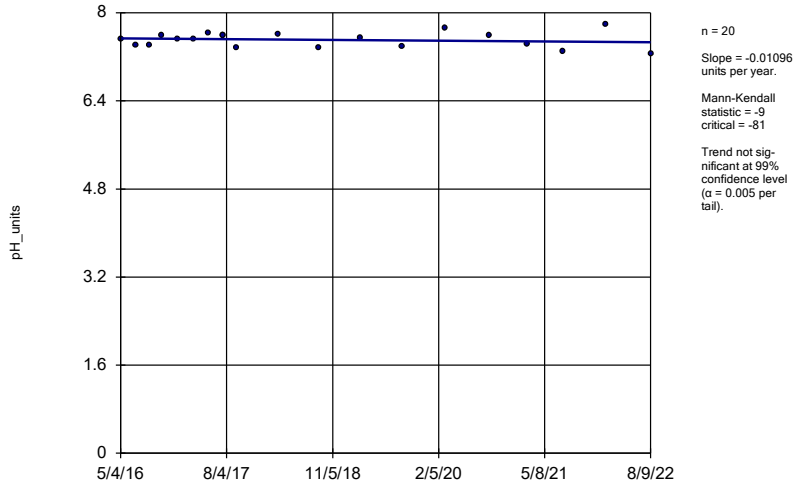
Sen's Slope Estimator

GWA-51RZ (bg)



n = 20

Slope = -0.01096 units per year.

Mann-Kendall statistic = -9 critical = -81

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:36 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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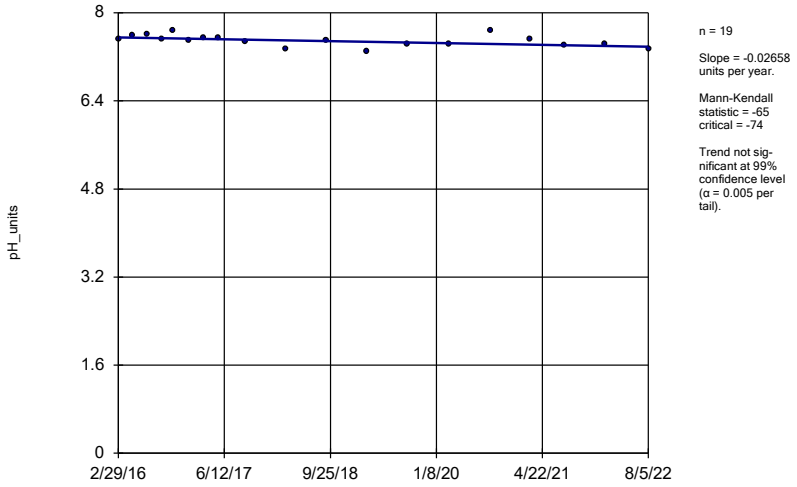
Sen's Slope Estimator

GWA-52 (bg)



n = 19

Slope = -0.02658 units per year.

Mann-Kendall statistic = -65 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:36 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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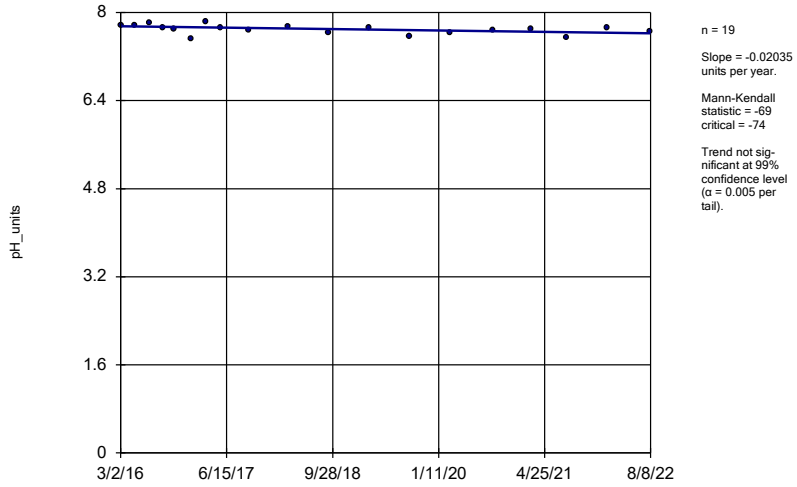
Sen's Slope Estimator

GWA-53 (bg)



n = 19

Slope = -0.02035 units per year.

Mann-Kendall statistic = -69 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:36 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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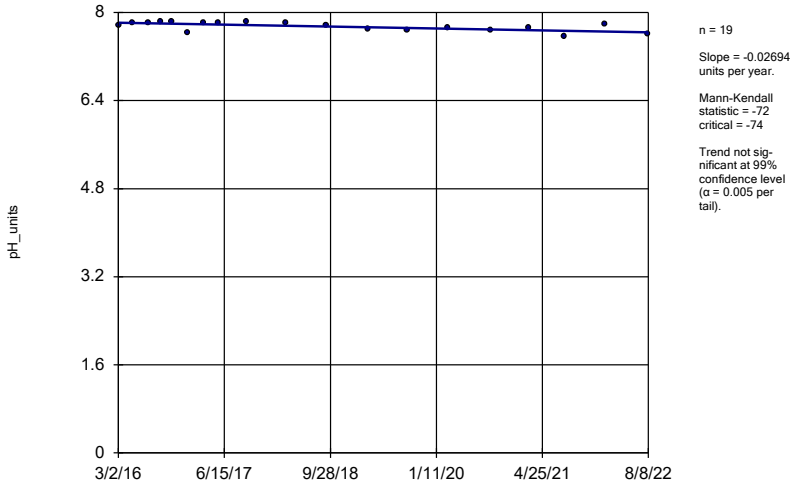
Sen's Slope Estimator

GWA-53R (bg)



n = 19

Slope = -0.02694 units per year.

Mann-Kendall statistic = -72 critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:36 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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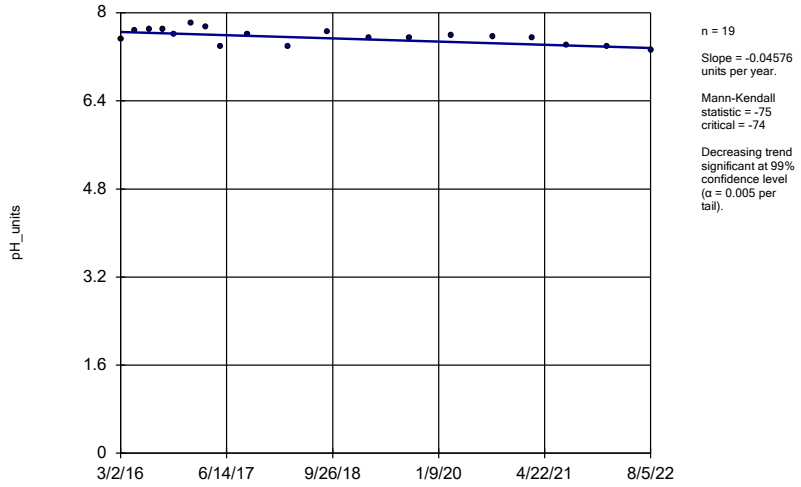
Sen's Slope Estimator

GWA-54 (bg)



n = 19

Slope = -0.04576 units per year.

Mann-Kendall statistic = -75
critical = -74

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:36 PM View: Appendix III - Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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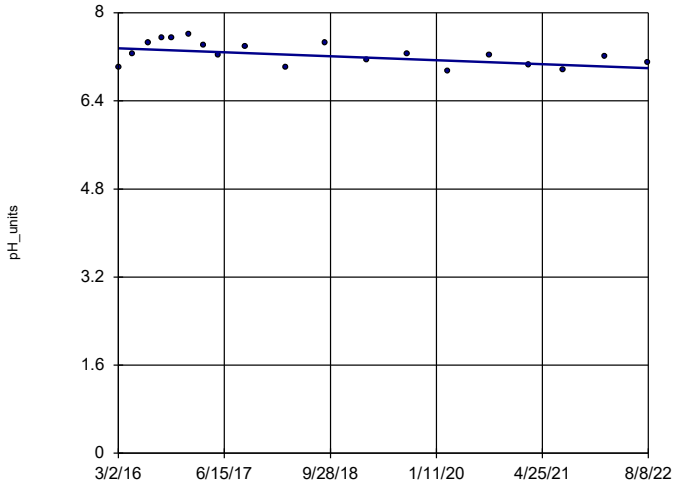
Sen's Slope Estimator

GWA-55 (bg)



n = 19

Slope = -0.05556 units per year.

Mann-Kendall statistic = -65
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:36 PM View: Appendix III - Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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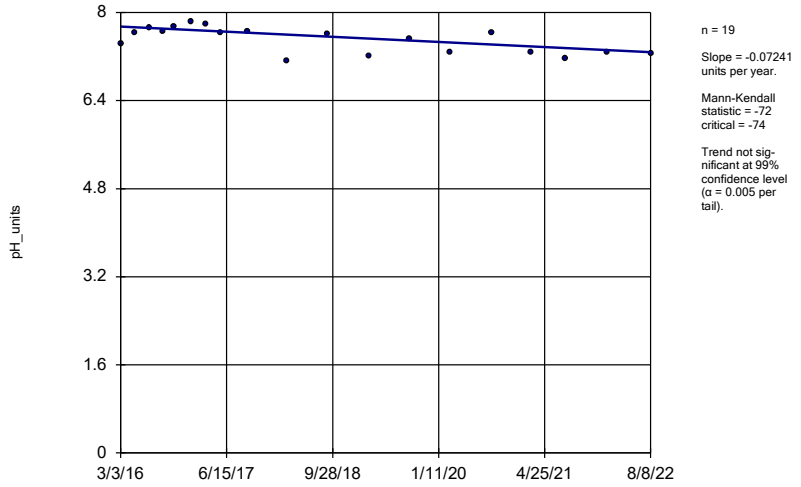
Sen's Slope Estimator

GWA-55R (bg)



n = 19

Slope = -0.07241 units per year.

Mann-Kendall statistic = -72
critical = -74

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:36 PM View: Appendix III - Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

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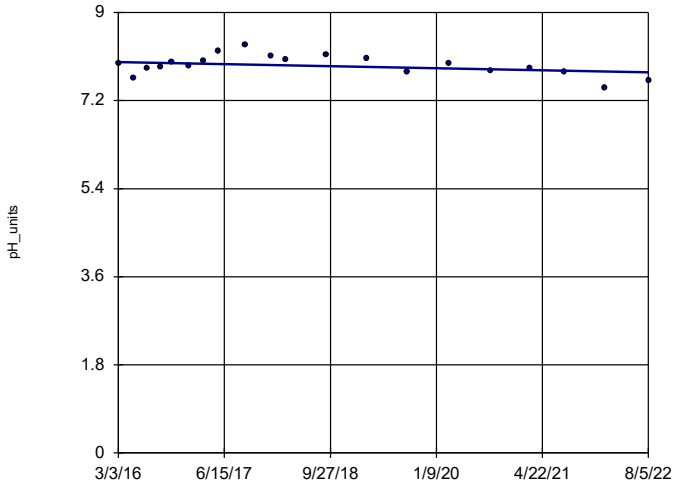
Sen's Slope Estimator

GWA-56 (bg)



n = 20

Slope = -0.03349 units per year.

Mann-Kendall statistic = -38
critical = -81

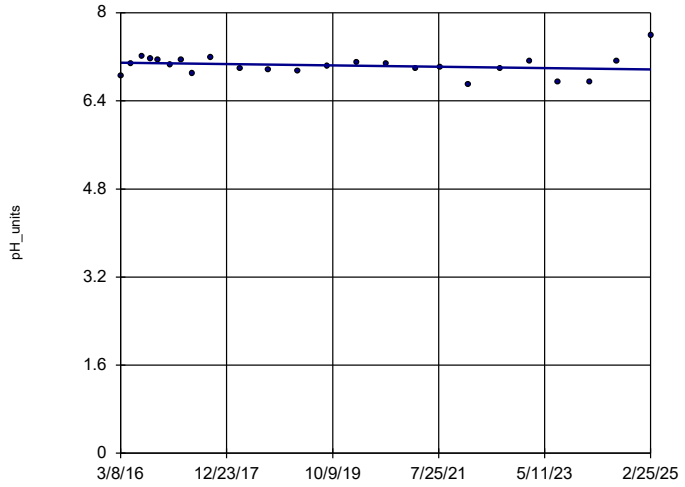
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:36 PM View: Appendix III - Trend Tests
Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-21R



n = 24

Slope = -0.01394 units per year.

Mann-Kendall statistic = -41
critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH Analysis Run 5/19/2025 4:36 PM View: Appendix III - Trend Tests

Plant Bowen Client: Southern Company Data: Bowen 3-4 CCR